

PLIMAT

Technical catalogue

Generated from the PLIMAT catalogue

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Products	438
References	3514
3D file (CAD)	1271 with CAD file

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01.15 Reducing nipple

PVC-U

Threaded

23 references

23 with CAD file

G	G1	I	L	L1	S	Weight (g)	Pack	REF.	3D
" 3/4	" 1/2	48	16	15	28	18	B 180	01011197005	sim
1 "	" 1/2	52	19	15	36	28	B 100	01011197006	sim
1 "	" 3/4	54	19	16	36	30	B 100	01011197007	sim
1" 1/4	" 1/2	55	21	15	46	40	B 60	01011197008	sim
1" 1/4	" 3/4	57	21	16	46	42	B 60	01011197009	sim
1" 1/4	1 "	60	21	19	46	47	B 50	01011197010	sim
1" 1/2	" 1/2	58	23	15	50	55	B 50	01011197011	sim
1" 1/2	" 3/4	60	23	16	50	56	B 50	01011197012	sim
1" 1/2	1 "	63	23	19	50	58	B 40	01011197013	sim
1" 1/2	1 " 1/4	65	23	21	50	61	B 40	01011197014	sim
2 "	" 3/4	65	26	16	65	102	B 30	01011197015	sim
2 "	1 "	68	26	19	65	105	B 25	01011197016	sim
2 "	1 " 1/4	70	26	21	65	106	B 25	01011197017	sim
2 "	1" 1/2	72	26	23	65	111	B 25	01011197018	sim
2" 1/2	1" 1/4	68	30	22	78	144	B 20	01011197020	sim
2" 1/2	1" 1/2	68	30	22	78	144	B 20	01011197021	sim
2" 1/2	2 "	72	30	26	78	157	B 20	01011197022	sim
3 "	1" 1/2	72	33	22	92	203	B 12	01011197025	sim
3 "	2"	76	33	26	92	220	B 12	01011197026	sim
3 "	2" 1/2	80	33	30	92	230	B 9	01011197027	sim
4 "	2"	83	39	26	116	364	B 8	01011197030	sim
4 "	2" 1/2	87	39	30	116	373	B 8	01011197031	sim
4 "	3"	90	39	33	116	390	B 8	01011197032	sim

Dimension key: G = Rosca (in), G1 = Rosca (2.ª saída) (in), I = Profundidade de encaixe (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm)

01.16 Plug

PVC-U

Threaded

10 references

10 with CAD file

G	I	S	Weight (g)	Pack	REF.	3D
" 1/4	16	17	2.5	A 200	01011011014	sim
" 1/2	25	27	9	A 70	01011011012	sim
" 3/4	28	36	19	A 40	01011011034	sim
1 "	32	41	29	A 20	01011011100	sim
1" 1/4	35	50	44	B 70	01011011114	sim
1" 1/2	36	60	64	B 60	01011011150	sim
2 "	42	75	115	B 30	01011011200	sim

G	I	S	Weight (g)	Pack	REF.	3D
2" 1/2	46	78	133	B 25	01011011250	sim
3 "	50	92	202	B 15	01011011300	sim
4 "	57	116	350	B 8	01011011400	sim

Dimension key: G = Rosca (in), I = Profundidade de encaixe (mm)

01.18 Cap

PVC-U	Threaded	9 references	9 with CAD file
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G	D	I	S	Weight (g)	Pack	REF.	3D
" 1/2	37	21	32	18	A 40	01011012012	sim
"3/4	42	24	36	24	A 30	01011012034	sim
1"	50	26	46	40	A 20	01011012100	sim
1" 1/4	60	29	55	60	B 60	01011012114	sim
1" 1/2	65	31	60	70	B 50	01011012150	sim
2"	81	36	75	126	B 30	01011012200	sim
2" 1/2	88	58	92	160	B 20	01011012250	sim
3"	105	56	112	280	B 10	01011012300	sim
4"	129	89	129	480	B 6	01011012400	sim

Dimension key: G = Rosca (in), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm)

01.19 PP Tank adaptor

Material: not defined	Threaded	6 references	6 with CAD file
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G	A	I	d	Weight (g)	Pack	REF.	3D
" 1/2	33	47	12	19	B 120	02012174012	sim
"3/4	41	52	17	32	B 70	02012174034	sim
1"	48	60	23	44	B 50	02012174100	sim
1" 1/4	57	70	30	69	B 30	02012174114	sim
1" 1/2	63	75	33	88	B 25	02012174150	sim
2"	75	80	44	132	B 15	02012174200	sim

Dimension key: G = Rosca (in), I = Profundidade de encaixe (mm), d = Ø exterior do tubo (mm)

01.20 Grooved nut

PVC-U	Threaded	8 references	8 with CAD file
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G	A	I	Weight (g)	Pack	REF.	3D
" 1/2	33	14	6	A 100	01011176012	sim
"3/4	41	17	13	A 50	01011176034	sim
1"	48	18	17	A 35	01011176100	sim
1" 1/4	57	20	25	A 20	01011176114	sim
1" 1/2	63	20	28	A 15	01011176150	sim
2"	75	21	30	A 10	01011176200	sim
2 " 1/2	90	21	40	A 8	01011176250	sim

G	A	I	Weight (g)	Pack	REF.	3D
3 "	105	24	60	A 6	01011176300	sim

Dimension key: G = Rosca (in), I = Profundidade de encaixe (mm)

01.21 EPDM Ring for PP tank adaptor

Material: not defined Threaded 6 references

d	A	I	Weight (g)	Pack	REF.	3D
" 1/2	32	2.5	1.5	A 300	40018177012	-
"3/4	39.5	3	2	A 200	40018177034	-
1"	45	2.5	2	A 200	40018177100	-
1" 1/4	56	3	4	A 100	40018177114	-
1" 1/2	61	3	4	A 100	40018177150	-
2"	81	4	11	A 50	40018177200	-

Dimension key: d = Ø exterior do tubo (in), I = Profundidade de encaixe (mm)

01.22 PVC Tank adaptor

PVC-U Threaded 9 references 9 with CAD file

G	G1	d	d1	L	L1	Z	I	S	Weight (g)	Pack	REF.	3D
" 1/2	" 1/2	16	14.5	16	33	13	61	25	19	B 150	01011312012	sim
"3/4	"3/4	20	20	19	42	17	74	32	41	B 70	01011312034	sim
1"	1"	25	25	22	45	19	82	40	66	B 40	01011312100	sim
1" 1/4	1" 1/4	32	32	23	49	20	91	50	110	B 25	01011312114	sim
1" 1/2	1" 1/2	37	37	23	49	23	91	60	170	C 60	01011312150	sim
1" 1/2	1" 3/4	37	40	23	49	23	91	60	173	C 60	01011312022	sim
2"	2"	49.5	50	27	52	25	100	69	200	C 40	01011312200	sim
2 " 1/2	2 " 1/2	63	63	30	52	25	103	78	255	C 35	01011312250	sim
3 "	3 "	75	75	33	58	28	112	92	340	C 24	01011312300	sim

Dimension key: G = Rosca (in), G1 = Rosca (2.ª saída) (in), d = Ø exterior do tubo (mm), d1 = Ø exterior do tubo (2.ª saída) (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm), I = Profundidade de encaixe (mm)

01.23 Octagonal nut

PVC-U Threaded 7 references 7 with CAD file

G	A	I	S	Weight (g)	Pack	REF.	3D
" 1/2	31	10	25	4	A 100	01011334012	sim
"3/4	40	14	33	9	A 80	01011334034	sim
1"	47	16	40	14	A 45	01011334100	sim
1" 1/4	58	17	50	22	A 20	01011334114	sim
1" 1/2	72	19	58	36	A 15	01011334150	sim
1" 3/4	72	20	64	36	A 15	01011334134	sim
2"	79	21	69	44	A 10	01011334200	sim

Dimension key: G = Rosca (in), I = Profundidade de encaixe (mm)

01.24 EPDM Ring for PVC tank adaptor

Material: not defined

Threaded

9 references

d	A	I	Weight (g)	Pack	REF.	3D
" 1/2	32	2.5	1.5	A 300	40018177012	-
"3/4	39.5	3	2	A 200	40018177034	-
1"	45	2.5	2	A 200	40018177100	-
1" 1/4	56	3	4	A 100	40018177114	-
1" 1/2	61	3	4	A 100	40018177150	-
1" 3/4	72	4	4	A 60	40018177134	-
2"	81	4	11	A 50	40018177200	-
2 " 1/2	93	4	8	A 40	40018177250	-
3 "	107	4	12	A 30	40018177300	-

Dimension key: d = Ø exterior do tubo (in), I = Profundidade de encaixe (mm)

01.25 PEHD Ring for PVC tank adaptor

PE

Threaded

9 references

9 with CAD file

d	A	I	Weight (g)	Pack	REF.	3D
" 1/2	31	3	1	A 400	05015335012	sim
"3/4	40	3	2	A 250	05015335034	sim
1 "	47	3	2	A 200	05015335100	sim
1" 1/4	58	3	3	A 60	05015335114	sim
1" 1/2	70	4	7	A 60	05015335150	sim
1" 3/4	72	4	6	A 60	05015335134	sim
2 "	79	4	7	A 50	05015335200	sim
2 " 1/2	93	4	8	A 40	05015335250	sim
3 "	105	4	9	A 30	05015335300	sim

Dimension key: d = Ø exterior do tubo (in), I = Profundidade de encaixe (mm)

01.26 Conic hose nozzle

PVC-U

Threaded

7 references

7 with CAD file

G	I	D	S	Weight (g)	Pack	REF.	3D
" 1/4	43	8	17	4	A 150	01011013014	sim
" 1/2	57	12	22	14	B 200	01011013012	sim
" 3/4	63	17	30	21	B 120	01011013034	sim
1 "	70	24	36	29	B 70	01011013100	sim
1" 1/4	80	29	44	54	B 50	01011013114	sim
1" 1/2	86	39	49	82	B 30	01011013150	sim
2 "	105	45	63	147	B 15	01011013200	sim

Dimension key: G = Rosca (in), I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

01.26a Conic hose nozzle F/

PVC-U	Threaded	1 references	1 with CAD file
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G	I	D	S	Weight (g)	Pack	REF.	3D
" 1/4	43	8	17	4	A 150	01011427014	sim

Dimension key: G = Rosca (in), I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

01.27 Hose nozzle

PVC-U	Threaded	7 references	7 with CAD file
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G	I	D	S	Weight (g)	Pack	REF.	3D
" 1/4	51	12	15	6	A 100	01011113014	sim
" 1/2	86	20	22	20	B 140	01011113012	sim
" 3/4	92	25	27	27	B 80	01011113034	sim
1 "	92	30	36	42	B 50	01011113100	sim
1" 1/4	115	40	46	77	B 30	01011113114	sim
1" 1/2	115	45	50	88	B 25	01011113150	sim
2 "	115	55	62	133	B 15	01011113200	sim

Dimension key: G = Rosca (in), I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

01.28 Union

PVC-U	Threaded	30 references	6 with CAD file
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G	G1	I1	I2	Z1	Z2	S1	S2	Weight (g)	Pack	REF.	3D
" 1/2	38 x 8	24	28	9	14	46	30	65	B 60	01011014012	sim
"3/4	46 x 6	26	32	10	16	55	36	99	B 30	01011014034	sim
1"	52 x 6	28	35	10	18	65	41	141	B 20	01011014100	sim
1" 1/4	62 x 6	32	40	11	20	75	50	201	C 60	01011014114	sim
1" 1/2	70 x 6	34	43	13	22	85	60	287	C 50	01011014150	sim
2"	85 x 6	37	47	13	22	100	75	423	C 30	01011014200	sim

Dimension key: G = Rosca (in), G1 = Rosca (2.ª saída), I1 = Profundidade de encaixe (2) (mm), I2 = Profundidade de encaixe (3) (mm)

Union nuts

D	G	I	S	Weight (g)	Pack	REF.	3D
" 1/2	38 x 8	27	46	25	-	01011018012	-
"3/4	44 x 6	30	55	40	-	01011018034	-
1"	52 x 6	33	65	65	-	01011018100	-
1" 1/4	62 x 6	35	75	83	-	01011018114	-
1" 1/2	70 x 6	39	85	114	-	01011018150	-
2"	85 x 6	41	100	149	-	01011018200	-

Dimension key: D = Ø exterior do acessório (in), G = Rosca, I = Profundidade de encaixe (mm)

Union ends

G	I	A	D	S	Z	Weight (g)	Pack	REF.	3D
" 1/2	24	34	31	28	9	15	-	01011016012	-

G	I	A	D	S	Z	Weight (g)	Pack	REF.	3D
"3/4	26	40	37	34	10	22	-	01011016034	-
1"	28	47	44	42	10	29	-	01011016100	-
1" 1/4	32	57	53	52	11	47	-	01011016114	-
1" 1/2	34	65	61	59	13	66	-	01011016150	-
2"	37	80	76	73	13	105	-	01011016200	-

Dimension key: G = Rosca (in), I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

Union bushes

G	G1	I	Z	E	F	H	S	Weight (g)	Pack	REF.	3D
" 1/2	38 x 8	28	14	29	3.6	2.3	30	24	-	01011017012	-
"3/4	44 x 6	32	16	35	3.6	2.3	36	35	-	01011017034	-
1"	52 x 6	35	18	40	3.6	2.3	41	45	-	01011017100	-
1" 1/4	62 x 6	40	20	48	3.7	2.3	50	69	-	01011017114	-
1" 1/2	70 x 6	43	22	54	3.7	2.3	60	105	-	01011017150	-
2"	85 x 6	47	22	60	3.7	2.3	75	168	-	01011017200	-

Dimension key: G = Rosca (in), G1 = Rosca (2.ª saída), I = Profundidade de encaixe (mm)

O' ring gaskets

D	d	I	Weight (g)	Pack	REF.	3D
28,86	21,80	3,53	-	-	40908093011	-
35,23	28,17	3,53	-	-	40908093014	-
41,58	34,52	3,53	-	-	40908093017	-
49,92	42,86	3,53	-	-	40908093020	-
53,10	46,04	3,53	-	-	40908093023	-
59,44	52,38	3,53	-	-	40908093026	-

Dimension key: D = Ø exterior do acessório (mm), d = Ø exterior do tubo (mm), I = Profundidade de encaixe (mm)

01.29 Union

PVC-U	Threaded	30 references	6 with CAD file
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G	G1	I1	I2	Z1	Z2	D	D1	Weight (g)	Pack	REF.	3D
" 1/2	40 x 10	26	20	10	3	46	28	53	B 60	01011114012	sim
"3/4	47 x 10	28	23	10	3	56	36	84	B 40	01011114034	sim
1"	53 x 8	30	26	10	3	67	42	122	B 30	01011114100	sim
1" 1/4	66 x 8	41	31	13	3	82	52	201	C 60	01011114114	sim
1" 1/2	74 x 8	45	35	22	10	88	63	273	C 45	01011114150	sim
2"	90 x 8	52	42	18	14	106	77	450	C 30	01011114200	sim

Dimension key: G = Rosca (in), G1 = Rosca (2.ª saída), I1 = Profundidade de encaixe (2) (mm), I2 = Profundidade de encaixe (3) (mm), D = Ø exterior do acessório (mm), D1 = Ø exterior do acessório (2) (mm)

Union nuts

d	G	I	D	Weight (g)	Pack	REF.	3D
" 1/2	40 x 10	22	46	21	-	01011118012	-
"3/4	47 x 10	26	56	35	-	01011118034	-

d	G	I	D	Weight (g)	Pack	REF.	3D
1"	53 x 8	28	67	56	-	01011118100	-
1" 1/4	66 x 8	30	82	86	-	01011118114	-
1" 1/2	74 x 8	31	88	90	-	01011118150	-
2"	90 x 8	38	106	151	-	01011118200	-

Dimension key: d = Ø exterior do tubo (in), G = Rosca, I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

Union ends

G	I	A	D	Z	Weight (g)	Pack	REF.	3D
" 1/2	20	36	28	3	11	-	01011116012	-
"3/4	23	43	36	3	20	-	01011116034	-
1"	26	50	42	3	26	-	01011116100	-
1" 1/4	31	63	52	3	43	-	01011116114	-
1" 1/2	35	69	63	10	70	-	01011116150	-
2"	42	83	77	14	120	-	01011116200	-

Dimension key: G = Rosca (in), I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

Union bushes

G	G1	I	Z	E	F	H	D	Weight (g)	Pack	REF.	3D
" 1/2	40 x 10	26	10	28,4	4,3	2,5	28	19	-	01011117012	-
"3/4	47 x 10	28	10	35,5	4,8	2,5	36	30	-	01011117034	-
1"	53 x 8	30	10	39,6	4,6	2,5	42	41	-	01011117100	-
1" 1/4	66 x 8	41	13	51,8	7	4	52	72	-	01011117114	-
1" 1/2	74 x 8	45	22	57	7	4	63	110	-	01011117150	-
2"	90 x 8	52	18	70	7	4	77	183	-	01011117200	-

Dimension key: G = Rosca (in), G1 = Rosca (2.ª saída), I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

O' ring gaskets

D	d	I	Weight (g)	Pack	REF.	3D
28,86	21,80	3,53	-	-	40908093011	-
35,23	28,17	3,53	-	-	40908093014	-
39,96	32,92	3,53	-	-	40908093016	-
51,30	40,64	5,33	-	-	40908093018	-
57,65	46,99	5,33	-	-	40908093024	-
70,36	59,70	5,33	-	-	40908093030	-

Dimension key: D = Ø exterior do acessório (mm), d = Ø exterior do tubo (mm), I = Profundidade de encaixe (mm)

01.30 Union female/male

PVC-U Threaded 30 references 6 with CAD file

G	G1	I	I1	Z	Z1	D	S	Fig.	Weight (g)	Pack	REF.	3D
" 1/2	40 x 10	26	36	10	21	46	22	A	56	B 60	01011207012	sim
"3/4	47 x 10	28	40	10	24	56	28	A	88	B 30	01011207034	sim
1"	53 x 8	30	45	10	26	67	36	A	133	B 30	01011207100	sim

G	G1	I	I1	Z	Z1	D	S	Fig.	Weight (g)	Pack	REF.	3D
1" 1/4	66 x 8	41	48	13	27	82	46	A	216	C 60	01011207114	sim
1" 1/2	74 x 8	35	58	10	36	88	53	B	273	C 45	01011207150	sim
2"	90 x 8	52	61	18	35	106	65	A	467	C 24	01011207200	sim

Dimension key: G = Rosca (in), G1 = Rosca (2.ª saída), I = Profundidade de encaixe (mm), I1 = Profundidade de encaixe (2) (mm), D = Ø exterior do acessório (mm), Fig. = Figura (un)

Union nuts

d	G	I	D	Weight (g)	Pack	REF.	3D
" 1/2	40 x 10	22	46	21	-	01011118012	-
"3/4	47 x 10	26	56	35	-	01011118034	-
1"	53 x 8	28	67	56	-	01011118100	-
1" 1/4	66 x 8	30	82	86	-	01011118114	-
1" 1/2	74 x 8	31	88	90	-	01011118150	-
2"	90 x 8	38	106	151	-	01011118200	-

Dimension key: d = Ø exterior do tubo (in), G = Rosca, I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

Male union ends

G	I	A	S	Z	Weight (g)	Pack	REF.	3D
" 1/2	36	36	22	21	14	-	01011204012	-
"3/4	40	43	28	24	24	-	01011204034	-
1"	45	50	36	26	37	-	01011204100	-
1" 1/4	48	63	46	27	58	-	01011204114	-
2"	61	83	65	35	137	-	01011204200	-

Dimension key: G = Rosca (in), I = Profundidade de encaixe (mm)

Union bushes

G	G1	I	Z	E	F	H	D	Weight (g)	Pack	REF.	3D
" 1/2	40 x 10	26	10	28,4	4,3	2,5	28	19	-	01011117012	-
"3/4	47 x 10	28	10	35,5	4,8	2,5	36	30	-	01011117034	-
1"	53 x 8	30	10	39,6	4,6	2,5	42	41	-	01011117100	-
1" 1/4	66 x 8	41	13	51,8	7	4	52	72	-	01011117114	-
2"	90 x 8	52	18	70	7	4	77	183	-	01011117200	-

Dimension key: G = Rosca (in), G1 = Rosca (2.ª saída), I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

O' ring gaskets

D	d	I	Weight (g)	Pack	REF.	3D
28,86	21,80	3,53	-	-	40908093011	-
35,23	28,17	3,53	-	-	40908093014	-
39,96	32,92	3,53	-	-	40908093016	-
51,30	40,64	5,33	-	-	40908093018	-
57,65	46,99	5,33	-	-	40908093024	-
70,36	59,70	5,33	-	-	40908093030	-

Dimension key: D = Ø exterior do acessório (mm), d = Ø exterior do tubo (mm), I = Profundidade de encaixe (mm)

Union ends

G	I	A	D	Z	Weight (g)	Pack	REF.	3D
1" 1/2	35	69	63	10	70	-	01011116150	-

Dimension key: G = Rosca (in), I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

Male union ends

G	G1	I	Z	E	F	H	S	Weight (g)	Pack	REF.	3D
1" 1/2	74 x 8	58	36	57	7	4	53	102	-	01011382150	-

Dimension key: G = Rosca (in), G1 = Rosca (2.ª saída), I = Profundidade de encaixe (mm)

01.31 Union for pool female/female

PVC-U	Threaded	43 references	7 with CAD file
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G	G1	I1	I2	Z1	Z2	D	D1	Weight (g)	Pack	REF.	3D
" 1/2	1"	20	27	3	9	40	27	34	B 100	01011278012	sim
"3/4	1" 1/4	23	29	3	9	51	35	63	B 50	01011278034	sim
1"	1" 1/2	27	31	3	9	57	41	80	B 30	01011278100	sim
1" 1/4	2"	30	41	5	22	71	52	146	C 75	01011278114	sim
2" 1/2	3" 1/2	49	57	16	26	115	91	560	C 16	01011278250	sim
3"	4"	49	66	26	31	132	104	750	C 12	01011278300	sim
4"	5"	50	76	15	37	165	129	1200	C 6	01011278400	sim

Dimension key: G = Rosca (in), G1 = Rosca (2.ª saída) (in), I1 = Profundidade de encaixe (2) (mm), I2 = Profundidade de encaixe (3) (mm), D = Ø exterior do acessório (mm), D1 = Ø exterior do acessório (2) (mm)

Union nuts for pools

d	G	I	D	Weight (g)	Pack	REF.	3D
" 1/2	1"	20	40	13	-	01011274012	-
"3/4	1" 1/4	23	51	23	-	01011274034	-
1"	1" 1/2	25	57	28	-	01011274100	-
1" 1/4	2"	27	71	47	-	01011274114	-
1" 1/2	2" 1/4	30	77	60	-	01011274150	-
2"	2" 3/4	37	93	97	-	01011274200	-
2" 1/2	3" 1/2	45	115	163	-	01011274250	-
3"	4"	45	132	245	-	01011274300	-
4"	5"	59	165	525	-	01011274400	-

Dimension key: d = Ø exterior do tubo (in), G = Rosca (in), I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

Union ends for pools

G	I	A	D	Z	Weight (g)	Pack	REF.	3D
" 1/2	20	29,5	27	4	8	-	01011275012	-
"3/4	23	38	35	7	16	-	01011275034	-
1"	26	44	41	7	21	-	01011275100	-
1" 1/4	30	56	52	7	38	-	01011275114	-
1" 1/2	34	62	59	11	54	-	01011275150	-
2"	41	78	74	14	102	-	01011275200	-

G	I	A	D	Z	Weight (g)	Pack	REF.	3D
2" 1/2	49	97	91	16	170	-	01011275250	-
3"	49	109	104	26	200	-	01011275300	-
4"	50	135	129	15	242	-	01011275400	-

Dimension key: G = Rosca (in), I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

Union bushes for pools

G	G1	I	Z	E	F	H	D	Weight (g)	Pack	REF.	3D
" 1/2	1"	27	9	25,4	3	2	27	13	-	01011276012	-
"3/4	1" 1/4	29	9	35,2	4,5	2,5	35	23	-	01011276034	-
1"	1" 1/2	31	9	39,8	4,5	2,5	41	29	-	01011276100	-
1" 1/4	2"	41	22	50,8	7	4	52	58	-	01011276114	-
1" 1/2	2" 1/4	45	22	57	7	4	59	76	-	01011276150	-
2"	2" 3/4	52	25	70	7	4	74	140	-	01011276200	-
2" 1/2	3" 1/2	57	26	85	7	4	91	219	-	01011276250	-
3"	4"	66	31	102	7	4	104	297	-	01011276300	-
4"	5"	76	37	124	7	4	128	432	-	01011276400	-

Dimension key: G = Rosca (in), G1 = Rosca (2.ª saída) (in), I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

O' ring gaskets

D	d	I	Weight (g)	Pack	REF.	3D
25,64	20,30	2,62	-	-	40908093106	-
35,23	28,17	3,53	-	-	40908093014	-
39,96	32,92	3,53	-	-	40908093016	-
51,30	40,64	5,33	-	-	40908093018	-
57,65	46,99	5,33	-	-	40908093024	-
70,36	59,70	5,33	-	-	40908093030	-
85,29	74,63	5,33	-	-	40908093055	-
102,10	91,44	5,33	-	-	40908093056	-
124,33	113,67	5,33	-	-	40908093057	-

Dimension key: D = Ø exterior do acessório (mm), d = Ø exterior do tubo (mm), I = Profundidade de encaixe (mm)

01.32 Union for pool female/male

PVC-U	Threaded	32 references	7 with CAD file
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G	G1	G2	I1	I2	Z1	Z2	D	S	Fig.	Weight (g)	Pack	REF.	3D
"1/2	"1/2	1"	20	39	3	25	40	22	A	38	B 90	01011279012	sim
"3/4	"3/4	1" 1/4	23	43	7	27	51	29	A	69	B 50	01011279034	sim
1"	1"	1" 1/2	26	49	7	30	57	36	A	90	B 30	01011279100	sim
1" 1/4	1" 1/4	2"	30	52	7	31	71	46	A	160	C 70	01011279114	sim
1" 1/2	1" 1/2	2" 1/4	34	62	11	40	77	50	A	210	C 60	01011279150	sim
2"	1" 1/2	2" 1/4	34	62	11	36	77	61	B	242	C 50	01011279019	sim
2"	2"	2" 3/4	41	68	14	42	93	65	A	364	C 30	01011279200	sim

Dimension key: G = Rosca (in), G1 = Rosca (2.^a saída) (in), G2 = Rosca (3.^a saída) (in), I1 = Profundidade de encaixe (2) (mm), I2 = Profundidade de encaixe (3) (mm), D = Ø exterior do acessório (mm), Fig. = Figura (un)

Union nuts for pools

d	G	I	D	Weight (g)	Pack	REF.	3D
" 1/2	1"	20	40	13	-	01011274012	-
"3/4	1" 1/4	23	51	23	-	01011274034	-
1"	1" 1/2	25	57	28	-	01011274100	-
1" 1/4	2"	27	71	47	-	01011274114	-
1" 1/2	2" 1/4	30	77	60	-	01011274150	-
2"	2" 3/4	37	93	97	-	01011274200	-

Dimension key: d = Ø exterior do tubo (in), G = Rosca (in), I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

Union ends for pools

G	I	A	D	Z	Weight (g)	Pack	REF.	3D
" 1/2	20	29,5	27	4	8	-	01011275012	-
"3/4	23	38	35	7	16	-	01011275034	-
1"	26	44	41	7	21	-	01011275100	-
1" 1/4	30	56	52	7	38	-	01011275114	-
1" 1/2	34	62	59	11	54	-	01011275150	-
2"	41	78	74	14	102	-	01011275200	-

Dimension key: G = Rosca (in), I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

Union bushes for pools

G	G1	I	Z	E	F	H	S	Weight (g)	Pack	REF.	3D
" 1/2	1"	39	25	25,4	3	2	22	15	-	01011303012	-
"3/4	1" 1/4	43	27	35,2	4,5	2,5	29	25	-	01011303034	-
1"	1" 1/2	49	30	39,8	4,5	2,5	36	38	-	01011303100	-
1" 1/4	2"	52	31	50,8	7	4	46	66	-	01011303114	-
1" 1/2	2" 1/4	62	40	57	7	4	50	80	-	01011303150	-
2"	2" 1/4	62	36	57	7	4	61	95	-	01011303019	-
2"	2" 3/4	68	42	70	7	4	65	155	-	01011303200	-

Dimension key: G = Rosca (in), G1 = Rosca (2.^a saída) (in), I = Profundidade de encaixe (mm)

O' ring gaskets

D	d	I	Weight (g)	Pack	REF.	3D
25,64	20,30	2,62	-	-	40908093106	-
35,23	28,17	3,53	-	-	40908093014	-
39,96	32,92	3,53	-	-	40908093016	-
51,30	40,64	5,33	-	-	40908093018	-
57,65	46,99	5,33	-	-	40908093024	-
70,36	59,70	5,33	-	-	40908093030	-

Dimension key: D = Ø exterior do acessório (mm), d = Ø exterior do tubo (mm), I = Profundidade de encaixe (mm)

01.33 Elbow 90° with reinforce rings

PVC-U Threaded 6 references 6 with CAD file

G	D	I	Z	Weight (g)	Pack	REF.	3D
" 1/2	30	28	14	39	B 120	01021001012	sim
"3/4	37	33	17	60	B 70	01021001034	sim
1"	45	38	20	90	B 40	01021001100	sim
1" 1/4	53	45	25	128	B 25	01021001114	sim
1" 1/2	64	50	30	207	B 15	01021001150	sim
2"	76	60	35	309	B 10	01021001200	sim

Dimension key: G = Rosca (in), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm)

01.34 Tee 90° with reinforce rings

PVC-U Threaded 6 references 6 with CAD file

G	D	I	Z	Weight (g)	Pack	REF.	3D
" 1/2	30	28	14	54	B 80	01021003012	sim
"3/4	37	33	17	83	B 40	01021003034	sim
1"	45	38	20	127	B 30	01021003100	sim
1" 1/4	53	45	25	173	B 20	01021003114	sim
1" 1/2	64	50	30	283	B 12	01021003150	sim
2"	76	60	35	418	B 9	01021003200	sim

Dimension key: G = Rosca (in), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm)

01.35 Reducing elbow 90° with reinforce rings

PVC-U Threaded 1 references 1 with CAD file

G	G1	D	D1	I	I1	Z	Z1	Weight (g)	Pack	REF.	3D
" 3/4	" 1/2	37	30	33	28	17	14	50	B 90	01021002005	sim

Dimension key: G = Rosca (in), G1 = Rosca (2.ª saída) (in), D = Ø exterior do acessório (mm), D1 = Ø exterior do acessório (2) (mm), I = Profundidade de encaixe (mm), I1 = Profundidade de encaixe (2) (mm)

01.36 Reducing tee 90° with reinforce rings

PVC-U Threaded 1 references 1 with CAD file

G	G1	D	D1	I	I1	Z	Z1	Weight (g)	Pack	REF.	3D
" 3/4	" 1/2	37	30	33	28	17	14	74	B 50	01021004005	sim

Dimension key: G = Rosca (in), G1 = Rosca (2.ª saída) (in), D = Ø exterior do acessório (mm), D1 = Ø exterior do acessório (2) (mm), I = Profundidade de encaixe (mm), I1 = Profundidade de encaixe (2) (mm)

01.37 Socket with reinforce rings

PVC-U Threaded 6 references 6 with CAD file

G	I	Z	S	Weight (g)	Pack	REF.	3D
" 1/2	36	8	32	33	B 130	01021005012	sim
"3/4	39	8	38	47	B 90	01021005034	sim

G	I	Z	S	Weight (g)	Pack	REF.	3D
1"	45	9	46	65	B 50	01021005100	sim
1" 1/4	50	10	55	94	B 40	01021005114	sim
1" 1/2	55	15	64	151	B 30	01021005150	sim
2"	65	15	78	240	B 18	01021005200	sim

Dimension key: G = Rosca (in), I = Profundidade de encaixe (mm)

01.38 Socket male/female with reinforce ring

PVC-U Threaded 6 references 6 with CAD file

G	G1	S	I	Z	Weight (g)	Pack	REF.	3D
" 1/2	" 1/2	32	37	20	23	A 30	01021169012	sim
"3/4	" 3/4	38	42	24	35	B 100	01021169034	sim
1"	1 "	46	42	22	44	B 50	01021169100	sim
1" 1/4	1" 1/4	55	53	31	87	B 35	01021169114	sim
1" 1/2	1" 1/2	64	55	31	110	B 30	01021169150	sim
2"	2 "	78	61	33	174	B 20	01021169200	sim

Dimension key: G = Rosca (in), G1 = Rosca (2.ª saída) (in), I = Profundidade de encaixe (mm)

01.39 Reducer male/female with reinforce ring

PVC-U Threaded 21 references 21 with CAD file

G	G1	I	Z	S	Weight (g)	Pack	REF.	3D
" 3/8	" 1/2	32	16	32	21	A 50	01021006024	sim
" 1/2	" 3/4	40	26	38	37	B 120	01021006003	sim
" 3/4	" 1/2	39	25	32	27	B 150	01021006005	sim
" 3/4	1 "	43	25	46	48	B 80	01021006027	sim
1 "	" 1/2	42	31	32	31	B 110	01021006006	sim
1 "	" 3/4	45	29	38	42	B 90	01021006007	sim
1 "	1" 1/4	52	29	55	73	B 40	01021006030	sim
1" 1/4	" 1/2	46	32	32	47	B 60	01021006008	sim
1" 1/4	" 3/4	50	34	38	56	B 50	01021006009	sim
1" 1/4	1 "	50	32	46	68	B 50	01021006010	sim
1" 1/4	1" 1/2	54	30	65	114	B 30	01021006033	sim
1" 1/2	" 1/2	48	32	32	50	B 50	01021006011	sim
1" 1/2	" 3/4	51	34	38	59	B 50	01021006012	sim
1" 1/2	1 "	52	32	46	70	B 50	01021006013	sim
1" 1/2	1" 1/4	51.5	30	55	77	B 35	01021006014	sim
1" 1/2	2 "	57	30	79	155	B 20	01021006036	sim
2 "	" 3/4	55	37	38	85	B 35	01021006015	sim
2 "	1 "	55	36	46	106	B 35	01021006016	sim
2 "	1" 1/4	58	37	55	109	B 35	01021006017	sim
2 "	1" 1/2	60	36	64	133	B 25	01021006018	sim

G	G1	I	Z	S	Weight (g)	Pack	REF.	3D
2" 1/2	2 "	37	61	79	180	B 20	01021006049	sim

Dimension key: G = Rosca (in), G1 = Rosca (2.ª saída) (in), I = Profundidade de encaixe (mm)

01.40 Reducer female/female with reinforce rings

PVC-U	Threaded	10 references	10 with CAD file
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G	G1	I	L	L1	S	Weight (g)	Pack	REF.	3D
" 3/4	" 1/2	33,5	15	13	38	36	B 120	01021007005	sim
1"	" 1/2	36	17	13	46	48	B 80	01021007006	sim
1"	" 3/4	38	17	15	46	55	B 70	01021007007	sim
1" 1/4	" 1/2	40	22	13	53	65	B 70	01021007008	sim
1" 1/4	" 3/4	43	22	15	53	70	B 60	01021007009	sim
1" 1/4	1 "	45	22	17	53	78	B 55	01021007010	sim
1" 1/2	" 1/2	44	23	13	65	108	B 45	01021007011	sim
1" 1/2	" 3/4	47	23	15	65	109	B 45	01021007012	sim
1" 1/2	1 "	49	23	17	65	117	B 40	01021007013	sim
1" 1/2	1" 1/4	55	23	22	65	127	B 30	01021007014	sim

Dimension key: G = Rosca (in), G1 = Rosca (2.ª saída) (in), I = Profundidade de encaixe (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm)

01.41 PTFE thread-wrap tape

Material: not defined	Threaded	2 references
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L	S	Weight (g)	Pack	REF.	3D
12	0,07	-	250	40957092050	-
19	0,2	-	25	40957092055	-

Dimension key: L = Comprimento (mm)

01.05 Elbow 90°

PVC-U	Threaded	9 references	9 with CAD file
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G	D	I	Z	Weight (g)	Pack	REF.	3D
" 1/2	30	28	14	30	B 120	01011001012	sim
"3/4	37	33	17	47	B 70	01011001034	sim
1"	45	38	20	74	B 40	01011001100	sim
1" 1/4	53	45	25	107	B 25	01011001114	sim
1" 1/2	64	50	30	174	B 15	01011001150	sim
2"	76	60	35	270	B 10	01011001200	sim
2" 1/2	88	82	52	367	B 6	01011001250	sim
3"	105	97	67	666	C 12	01011001300	sim
4"	132	121	82	1260	C 5	01011001400	sim

Dimension key: G = Rosca (in), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm)

01.06 Reducing elbow 90°

PVC-U

Threaded

1 references

1 with CAD file

G	G1	D	D1	I	I1	Z	Z1	Weight (g)	Pack	REF.	3D
" 3/4	"1/2	37	30	33	28	17	14	37	B 90	01011002005	sim

Dimension key: G = Rosca (in), G1 = Rosca (2.ª saída), D = Ø exterior do acessório (mm), D1 = Ø exterior do acessório (2) (mm), I = Profundidade de encaixe (mm), I1 = Profundidade de encaixe (2) (mm)

01.07 Tee 90°

PVC-U

Threaded

9 references

9 with CAD file

G	D	I	Z	Weight (g)	Pack	REF.	3D
" 1/2	30	28	14	40	B 80	01011003012	sim
"3/4	37	33	17	63	B 40	01011003034	sim
1"	45	38	20	100	B 30	01011003100	sim
1" 1/4	53	45	25	142	B 20	01011003114	sim
1" 1/2	64	50	30	236	B 12	01011003150	sim
2"	76	60	35	360	B 9	01011003200	sim
2" 1/2	88.5	82	52	540	B 3	01011003250	sim
3"	105	97	67	860	C 8	01011003300	sim
4"	132	120	81	1580	C 4	01011003400	sim

Dimension key: G = Rosca (in), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm)

01.42 Sight glass

PVC-U

Threaded

10 references

G	A	I	L	Weight (g)	Pack	REF.	3D
" 3/8	48	84	17	100	B 35	01011052038	-
" 1/2	48	84	17	95	B 35	01011052012	-
" 3/4	58.5	101	16	150	B 60	01011052034	-
1"	68	126	23	265	C 48	01011052100	-
1" 1/4	95	149	27	600	C 18	01011052114	-
1" 1/2	95	157	31	610	C 18	01011052150	-
2"	115	190	38	1050	C 10	01011052200	-
2" 1/2	151	216	44	2100	C 4	01011052250	-
3"	185	249	51	3220	C 3	01011052300	-
4"	185	266	61	3250	C 3	01011052400	-

Dimension key: G = Rosca (in), I = Profundidade de encaixe (mm), L = Comprimento (mm)

01.43 Union for pool F/M with external o'ring

PVC-U

Threaded

12 references

G	G1	G2	D	I	Z	I1	Z1	Weight (g)	Pack	REF.	3D
1 "½	1 "½	2" ¼	77	50	32	34	11	204	C 60	01011388150	-
1 "½	2"	2 " ¼	77	54	34	34	11	228	C 50	01011388019	-

G	G1	G2	D	I	Z	I1	Z1	Weight (g)	Pack	REF.	3D
2"	2"	2" ¾	93	56	36	41	14	350	C 36	01011388200	-

Dimension key: G = Rosca (in), G1 = Rosca (2.ª saída) (in), G2 = Rosca (3.ª saída) (in), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm), I1 = Profundidade de encaixe (2) (mm)

Union nuts for pools

d	G	I	D	Weight (g)	Pack	REF.	3D
1" 1/2	2" 1/4	30	77	60	-	01011274150	-
2"	2" 3/4	37	93	97	-	01011274200	-

Dimension key: d = Ø exterior do tubo (in), G = Rosca (in), I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

Union ends for pools

G	I	A	D	Z	Weight (g)	Pack	REF.	3D
1" 1/2	34	62	59	11	54	-	01011275150	-
2"	41	78	74	14	102	-	01011275200	-

Dimension key: G = Rosca (in), I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

Union bushes for pools

G	G1	I	Z	E	F	H	Weight (g)	Pack	REF.	3D
1" 1/2	2" ¼	50	32	57	7	4	80	-	01011387150	-
2"	2" ¼	54	34	57	7	4	100	-	01011387019	-
2"	2" ¾	56	36	70	7	4	138	-	01011387200	-

Dimension key: G = Rosca (in), G1 = Rosca (2.ª saída) (in), I = Profundidade de encaixe (mm)

O' ring gaskets

D	d	I	Weight (g)	Pack	REF.	3D
57,65	46,99	5,33	-	-	40908093024	-
69	59	5	-	-	40908093128	-

Dimension key: D = Ø exterior do acessório (mm), d = Ø exterior do tubo (mm), I = Profundidade de encaixe (mm)

01.08 Reducing tee 90°

PVC-U	Threaded	1 references	1 with CAD file
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G	G1	D	D1	I	I1	Z	Z1	Weight (g)	Pack	REF.	3D
" 3/4	" 1/2	37	30	33	28	17	14	56	B 50	01011004005	sim

Dimension key: G = Rosca (in), G1 = Rosca (2.ª saída) (in), D = Ø exterior do acessório (mm), D1 = Ø exterior do acessório (2) (mm), I = Profundidade de encaixe (mm), I1 = Profundidade de encaixe (2) (mm)

01.09 Socket

PVC-U	Threaded	9 references	9 with CAD file
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G	I	Z	S	Weight (g)	Pack	REF.	3D
" 1/2	36	8	32	23	B 130	01011005012	sim
"3/4	39	8	38	34	B 90	01011005034	sim
1"	45	9	46	52	B 50	01011005100	sim
1" 1/4	50	10	55	72	B 40	01011005114	sim

G	I	Z	S	Weight (g)	Pack	REF.	3D
1" 1/2	55	15	64	120	B 30	01011005150	sim
2"	65	15	78	200	B 18	01011005200	sim
2" 1/2	70	8	92	190	B 9	01011005250	sim
3"	77	10	112	330	B 6	01011005300	sim
4"	130	52	129	626	C 12	01011005400	sim

Dimension key: G = Rosca (in), I = Profundidade de encaixe (mm)

01.10 Socket male / female

PVC-U Threaded 7 references 7 with CAD file

G	G1	S	I	Z	Weight (g)	Pack	REF.	3D
" 1/2	" 1/2	32	37	20	19	A 30	01011169012	sim
"3/4	"3/4	38	42	24	31	B 100	01011169034	sim
1"	1"	46	42	22	37	B 50	01011169100	sim
1" 1/4	1" 1/4	55	53	31	76	B 35	01011169114	sim
1" 1/2	1" 1/2	64	55	31	97	B 30	01011169150	sim
2"	2"	78	61	33	154	B 20	01011169200	sim
4"	4"	130	113	70	560	C 12	01011169400	sim

Dimension key: G = Rosca (in), G1 = Rosca (2.ª saída) (in), I = Profundidade de encaixe (mm)

01.11 Reducer male/female

PVC-U Threaded 29 references 28 with CAD file

G	G1	I	Z	S	Weight (g)	Pack	REF.	3D
" 3/8	" 1/4	26	14	19	6	A 100	01011006001	sim
" 3/8	" 1/2	32	16	32	16	A 50	01011006024	sim
"1/2	"1/8	32	20	16	7	A 80	01011006022	sim
" 1/2	" 1/4	32	20	19	9	A 50	01011006004	sim
" 1/2	" 3/8	32	19	24	10	A 50	01011006002	sim
" 1/2	" 3/4	40	26	38	30	B 120	01011006003	sim
" 3/4	" 3/8	33.5	20	27	14	B 200	01011006026	-
" 3/4	" 1/2	39	25	32	23	B 150	01011006005	sim
" 3/4	1 "	43	25	46	39	B 80	01011006027	sim
1 "	" 1/2	42	31	32	27	B 110	01011006006	sim
1 "	" 3/4	45	29	38	35	B 90	01011006007	sim
1 "	1 "1/4	52	29	55	62	B 40	01011006030	sim
1 "1/4	"1/2	46	32	32	41	B 60	01011006008	sim
1 "1/4	" 3/4	50	34	38	49	B 50	01011006009	sim
1 "1/4	1 "	50	32	46	59	B 50	01011006010	sim
1 "1/4	1 "1/2	54	30	65	100	B 30	01011006033	sim
1 "1/2	" 1/2	48	32	32	45	B 50	01011006011	sim
1 "1/2	" 3/4	51	34	38	52	B 50	01011006012	sim

G	G1	I	Z	S	Weight (g)	Pack	REF.	3D
1 "1/2	1 "	52	32	46	60	B 50	01011006013	sim
1 "1/2	1" 1/4	51.5	30	55	66	B 35	01011006014	sim
1 "1/2	2 "	57	30	79	135	B 20	01011006036	sim
2 "	" 3/4	55	37	38	78	B 35	01011006015	sim
2 "	1"	55	36	46	86	B 35	01011006016	sim
2 "	1" 1/4	58	37	55	98	B 35	01011006017	sim
2 "	1 " 1/2	60	36	64	119	B 25	01011006018	sim
2 "	4 "	100	57	130	534	C 18	01011006041	sim
2 " 1/2	2 "	37	61	79	160	B 20	01011006049	sim
2 " 1/2	4 "	104	61	130	515	C 18	01011006051	sim
3 "	4 "	107	64	130	531	C 18	01011006061	sim

Dimension key: G = Rosca (in), G1 = Rosca (2.ª saída) (in), I = Profundidade de encaixe (mm)

01.12 Reducer female/female

PVC-U	Threaded	10 references	10 with CAD file
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G	G1	I	L	L1	S	Weight (g)	Pack	REF.	3D
"3/4	" 1/2	33.5	15	13	38	25	B 120	01011007005	sim
1"	" 1/2	36	17	13	46	35	B 80	01011007006	sim
1"	" 3/4	38	17	15	46	40	B 70	01011007007	sim
1" 1/4	" 1/2	40	22	13	53	50	B 80	01011007008	sim
1" 1/4	" 3/4	43	22	15	53	52	B 70	01011007009	sim
1" 1/4	1 "	45	22	17	53	58	B 60	01011007010	sim
1" 1/2	" 1/2	44	23	13	65	86	B 45	01011007011	sim
1" 1/2	" 3/4	47	23	15	65	89	B 45	01011007012	sim
1" 1/2	1 "	49	23	17	65	94	B 40	01011007013	sim
1" 1/2	1" 1/4	55	23	22	65	100	B 30	01011007014	sim

Dimension key: G = Rosca (in), G1 = Rosca (2.ª saída) (in), I = Profundidade de encaixe (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm)

01.13 Short reducer male/female

PVC-U	Threaded	13 references	13 with CAD file
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G	G1	I	Z	S	Weight (g)	Pack	REF.	3D
" 1/2	" 1/4	22	8	23	7	A 80	01011080002	sim
" 3/4	" 1/2	28	13	29	12	A 50	01011080004	sim
1 "	" 1/2	28	13	35	20	A 30	01011080006	sim
1 "	" 3/4	28	9	35	14	A 30	01011080007	sim
1" 1/4	" 1/2	31	16	44	29	B 140	01011080008	sim
1" 1/4	" 3/4	31	13	44	33	B 140	01011080009	sim
1" 1/4	1 "	31	10	44	25	B 140	01011080010	sim
1" 1/2	" 3/4	34.5	17	50	43	B 100	01011080012	sim
1" 1/2	1 "	34.5	12	50	44	B 100	01011080013	sim

G	G1	I	Z	S	Weight (g)	Pack	REF.	3D
1" 1/2	1" 1/4	34.5	12	50	29	B 100	01011080014	sim
2 "	1"	38	15	62	74	B 50	01011080016	sim
2 "	1" 1/4	38	13	62	76	B 50	01011080017	sim
2 "	1" 1/2	38	13	62	62	B 50	01011080018	sim

Dimension key: G = Rosca (in), G1 = Rosca (2.ª saída) (in), I = Profundidade de encaixe (mm)

01.14 Nipple

PVC-U	Threaded	10 references	10 with CAD file
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G	Z	I	S	Weight (g)	Pack	REF.	3D
" 1/4	4	28	17	3.6	A 200	01011009014	sim
" 1/2	15	45	22	13	B 250	01011009012	sim
" 3/4	17	49	27	20	B 150	01011009034	sim
1 "	20	57	36	34	B 80	01011009100	sim
1" 1/4	21	62	46	50	B 50	01011009114	sim
1" 1/2	23	67	50	68	B 40	01011009150	sim
2 "	25	76	65	120	B 20	01011009200	sim
2" 1/2	23	76	78	170	B 15	01011009250	sim
3 "	23	83	92	247	B 9	01011009300	sim
4 "	26	96	116	430	B 4	01011009400	sim

Dimension key: G = Rosca (in), I = Profundidade de encaixe (mm)

02.05 Elbow 90°

PVC-U

Solvent weld / fusion

19 references

19 with CAD file

d	D	I	Z	PN	Weight (g)	Pack	REF.	3D
12	16	19	7	16	5	A 100	01051001012	sim
16	21	23	9	16	9	A 50	01051001016	sim
20	25	27	11	16	12	B 170	01051001020	sim
25	31	33	14	16	23	B 90	01051001025	sim
32	40	39	17	16	46	B 50	01051001032	sim
40	49	47	21	16	75	C 120	01051001040	sim
50	60	57	26	16	121	C 64	01051001050	sim
63	75.5	72	34	16	265	C 32	01051001063	sim
75	87.5	82	38	16	335	C 20	01051001075	sim
90	105	97	46	16	560	C 12	01051001090	sim
110	129	118	56	16	1060	D 16	01051001110	sim
125	145	135	66	16	1500	D 12	01051001125	sim
140	162	149	72	16	2000	D 8	01051001140	sim
160	185	167	81	16	2890	D 5	01051001160	sim
200	228	210	103	10	5000	D 2	01051001200	sim
225	255	233	114	10	6600	D 2	01051001225	sim
250	284	258	126	10	9300	E 1	01051001250	sim
315	356	332	167	10	18250	H 1	01051001315	sim
400	437	415	207	6	24880	J 1	01051001400	sim

Dimension key: d = Ø exterior do tubo (mm), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm), PN = Pressão nominal (bar)

02.06 Tee 90°

PVC-U

Solvent weld / fusion

19 references

19 with CAD file

d	D	I	Z	PN	Weight (g)	Pack	REF.	3D
12	16	19	7	16	6	A 50	01051003012	sim
16	21	23	9	16	12	A 30	01051003016	sim
20	25	27	11	16	17	B 100	01051003020	sim
25	31	33	14	16	30	B 50	01051003025	sim
32	40	39	17	16	61	B 30	01051003032	sim
40	49	47	21	16	100	C 70	01051003040	sim
50	60	57	26	16	164	C 50	01051003050	sim
63	75.5	72	34	16	345	C 26	01051003063	sim
75	88.5	82	38	16	524	C 14	01051003075	sim
90	105	97	46	16	750	D 24	01051003090	sim
110	129	118	56	16	1350	D 12	01051003110	sim
125	145	135	66	16	2065	D 8	01051003125	sim

d	D	I	Z	PN	Weight (g)	Pack	REF.	3D
140	162	149	72	16	2521	D 5	01051003140	sim
160	188	167	81	16	4170	D 4	01051003160	sim
200	227	210	102	10	6180	E 1	01051003200	sim
225	255	233	114	10	8500	E 1	01051003225	sim
250	284	258	126	10	11750	E 1	01051003250	sim
315	356	332	167	10	22700	I 1	01051003315	sim
400	437	415	207	6	32200	L 1	01051003400	sim

Dimension key: d = Ø exterior do tubo (mm), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm), PN = Pressão nominal (bar)

02.07 Elbow 45°

PVC-U	Solvent weld / fusion	19 references	19 with CAD file
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d	D	I	Z	PN	Weight (g)	Pack	REF.	3D
12	16	16	4	16	4	A 150	01051067012	sim
16	21	18	4	16	7	A 60	01051067016	sim
20	25	21	5	16	11	B 200	01051067020	sim
25	31	25	6	16	18	B 100	01051067025	sim
32	40.5	30	8	16	40	B 60	01051067032	sim
40	49.5	36	10	16	65	C 150	01051067040	sim
50	61	43	12	16	116	C 80	01051067050	sim
63	75	53	15	16	195	C 40	01051067063	sim
75	87.5	61	17	16	255	C 24	01051067075	sim
90	106	72	21	16	484	C 14	01051067090	sim
110	129	86	25	16	815	D 20	01051067110	sim
125	145	96	27	16	1124	D 16	01051067125	sim
140	162	107	30	16	1514	D 10	01051067140	sim
160	185	121	34	16	2290	D 6	01051067160	sim
200	230	150	43,5	10	3962	D 2	01051067200	sim
225	255	167	48	10	5210	E 2	01051067225	sim
250	284	185	53	10	7110	E 1	01051067250	sim
315	356	235	70	10	13500	H 1	01051067315	sim
400	437	297	89	6	19000	J 1	01051067400	sim

Dimension key: d = Ø exterior do tubo (mm), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm), PN = Pressão nominal (bar)

02.08 Socket

PVC-U	Solvent weld / fusion	19 references	19 with CAD file
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d	D	I	Z	PN	Weight (g)	Pack	REF.	3D
12	16	27	3	16	4	A 150	01051005012	sim
16	21	31	3	16	6	A 100	01051005016	sim
20	26	35	3	16	9	B 200	01051005020	sim
25	31	41	3	16	15	B 120	01051005025	sim

d	D	I	Z	PN	Weight (g)	Pack	REF.	3D
32	40	47	3	16	29	B 70	01051005032	sim
40	48	55	3	16	42	C 180	01051005040	sim
50	59.5	65	3	16	75	C 120	01051005050	sim
63	75.5	79	3	16	145	C 57	01051005063	sim
75	90	94	4	16	246	C 36	01051005075	sim
90	106	107	4	16	376	C 18	01051005090	sim
110	129	131	9	16	625	C 12	01051005110	sim
125	145	145	6	16	820	D 24	01051005125	sim
140	162	162	8	16	1144	D 14	01051005140	sim
160	186.5	182	8	16	1770	D 10	01051005160	sim
200	230	222	8	10	3030	E 3	01051005200	sim
225	252	248	10	10	3300	E 2	01051005225	sim
250	280	274	11	10	4520	E 2	01051005250	sim
315	350	344	16	10	8400	D 1	01051005315	sim
400	432	430	16	6	11700	J 1	01051005400	sim

Dimension key: d = Ø exterior do tubo (mm), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm), PN = Pressão nominal (bar)

02.09 Cap

PVC-U	Solvent weld / fusion	18 references	18 with CAD file
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d	D	I	PN	Weight (g)	Pack	REF.	3D
12	16	17	16	3	A 250	01051012012	sim
16	21	19	16	5	A 100	01051012016	sim
20	26	22	16	7	A 80	01051012020	sim
25	31	26	16	10	B 200	01051012025	sim
32	40	29	16	20	B 120	01051012032	sim
40	48	34.5	16	29	B 80	01051012040	sim
50	59.5	43	16	55	C 200	01051012050	sim
63	75.5	50	16	106	C 120	01051012063	sim
75	90	60	16	182	C 60	01051012075	sim
90	106	68	16	320	C 38	01051012090	sim
110	129	89	16	529	C 18	01051012110	sim
125	145	100	16	710	C 13	01051012125	sim
140	162	110	16	926	C 10	01051012140	sim
160	185	128	16	1495	C 6	01051012160	sim
200	231	160	10	2750	C 3	01051012200	sim
225	252	167	10	2600	C 2	01051012225	sim
250	280	185	10	3430	D 4	01051012250	sim
315	350	233	10	7170	D 2	01051012315	sim

Dimension key: d = Ø exterior do tubo (mm), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm), PN = Pressão nominal (bar)

02.10 Cap male / female

PVC-U	Solvent weld / fusion	1 references	1 with CAD file
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d	D	I	Weight (g)	Pack	REF.	3D
25	32	26	12	B 120	01051150010	sim

Dimension key: d = Ø exterior do tubo (mm), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm)

02.11 Bend 90° female/female

PVC-U	Solvent weld / fusion	9 references	9 with CAD file
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d	d1	I	Z	PN	Weight (g)	Pack	REF.	3D
20	25	56.5	40	16	24	B 60	01051159020	sim
25	32	70	51	16	50	B 50	01051159025	sim
32	40	86.5	64	16	85	B 25	01051159032	sim
40	48	106.5	80	16	143	C 50	01051159040	sim
50	63	131	100	16	300	C 25	01051159050	sim
63	76	164	126	16	508	C 14	01051159063	sim
75	90	194	150	16	840	C 8	01051159075	sim
90	108	232	180	16	1411	C 4	01051159090	sim
110	132	281.5	220	16	2550	E 4	01051159110	sim

Dimension key: d = Ø exterior do tubo (mm), d1 = Ø exterior do tubo (2.ª saída) (mm), I = Profundidade de encaixe (mm), PN = Pressão nominal (bar)

02.12 Bend 90° male/female

PVC-U	Solvent weld / fusion	3 references
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d	D	I	Z	Weight (g)	Pack	REF.	3D
20	30	56	40	32	B 100	01051160020	-
25	36	67.5	48.5	53	B 50	01051160025	-
32	43	81	58.5	96	B 25	01051160032	-

Dimension key: d = Ø exterior do tubo (mm), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm)

02.13 Crossover

PVC-U	Solvent weld / fusion	3 references
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d	D	I	Z	Z1	Weight (g)	Pack	REF.	3D
20	30	168	135	27.5	76	B 40	01051156020	-
25	36	209	171	36.5	131	B 20	01051156025	-
32	43	252	207	47.5	232	B 10	01051156032	-

Dimension key: d = Ø exterior do tubo (mm), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm)

02.14 Cross

PVC-U	Solvent weld / fusion	9 references	9 with CAD file
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d	D	I	Z	Weight (g)	Pack	REF.	3D
20	25	27	11	21	B 90	01051068020	sim
25	31	33	14	34	B 40	01051068025	sim
32	38	39.5	17	57	B 30	01051068032	sim
40	49	49	22	124	C 60	01051068040	sim
50	62	59.5	28	244	C 30	01051068050	sim
63	77	72	34	420	C 20	01051068063	sim
75	88	84	40	545	C 9	01051068075	sim
90	109.5	99	48	1104	D 15	01051068090	sim
110	132	119	58	1890	D 8	01051068110	sim

Dimension key: d = Ø exterior do tubo (mm), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm)

02.15 Elbow 90° female/male/female

PVC-U	Solvent weld / fusion	4 references	4 with CAD file
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d	d1	d2	Z	Z1	Z2	I	I1	Weight (g)	Pack	REF.	3D
40	40	32	21	33	27	47	55.5	76	C 125	01051233008	sim
50	40	32	26	39	35	57	61	108	C 70	01051233011	sim
50	50	40	26	39	35	57	66	111	C 70	01051233012	sim
63	63	50	32	49	42	70	80	208	C 30	01051233015	sim

Dimension key: d = Ø exterior do tubo (mm), d1 = Ø exterior do tubo (2.ª saída) (mm), d2 = Ø exterior do tubo (3.ª saída) (mm), I = Profundidade de encaixe (mm), I1 = Profundidade de encaixe (2) (mm)

02.16 Short elbow 90° female/male/female

PVC-U	Solvent weld / fusion	1 references	1 with CAD file
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d	d1	d2	Z	Z1	Z2	I	I1	Weight (g)	Pack	REF.	3D
50	50	40	26	39	35	57	48.5	95	C 80	01051234012	sim

Dimension key: d = Ø exterior do tubo (mm), d1 = Ø exterior do tubo (2.ª saída) (mm), d2 = Ø exterior do tubo (3.ª saída) (mm), I = Profundidade de encaixe (mm), I1 = Profundidade de encaixe (2) (mm)

02.16a Elbow 45° female/male/female

PVC-U	Solvent weld / fusion	2 references	2 with CAD file
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d	d1	d2	Z	Z1	Z2	I	I1	Weight (g)	Pack	REF.	3D
50	50	40	11.5	25	21	43	52	100	C 80	01051428012	sim
63	63	50	11.5	31.5	25.5	50	63	176	C 45	01051428015	sim

Dimension key: d = Ø exterior do tubo (mm), d1 = Ø exterior do tubo (2.ª saída) (mm), d2 = Ø exterior do tubo (3.ª saída) (mm), I = Profundidade de encaixe (mm), I1 = Profundidade de encaixe (2) (mm)

02.17 Y - Bend

PVC-U	Solvent weld / fusion	2 references	2 with CAD file
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d	D	I	Z	Z1	Weight (g)	Pack	REF.	3D
50	60	93	62	3	200	C 30	01051346050	sim
63	75	115	77	3	412	C 15	01051346063	sim

Dimension key: d = Ø exterior do tubo (mm), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm)

02.18 Y - Elbow

PVC-U	Solvent weld / fusion	3 references	3 with CAD file
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d	D	I	Z	I1	Z1	Weight (g)	Pack	REF.	3D
50	58	62	31	43	12	159	C 40	01051345050	sim
63	73	75	37	53	15	250	C 24	01051345063	sim
75	89	87	43	61	17	470	C 12	01051345075	sim

Dimension key: d = Ø exterior do tubo (mm), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm), I1 = Profundidade de encaixe (2) (mm)

02.19 Tee 45°

PVC-U	Solvent weld / fusion	10 references	10 with CAD file
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d	D	I	Z	Z1	PN	Weight (g)	Pack	REF.	3D
16	22	58	25	5	16	20	A 20	01051344016	sim
20	27	68	29	7	16	33	B 80	01051344020	sim
25	33	81	35	8	16	56	B 50	01051344025	sim
32	41	97	43	9	16	93	B 30	01051344032	sim
40	50	118	54	11	16	155	C 55	01051344040	sim
50	58	138	63	12	16	234	C 35	01051344050	sim
63	73	169	79	14	16	454	C 20	01051344063	sim
75	89	199	94	17	16	763	C 11	01051344075	sim
90	106	245	122	20	10	1090	C 5	01051344090	sim
110	132	293	145	25	10	2162	E 6	01051344110	sim

Dimension key: d = Ø exterior do tubo (mm), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm), PN = Pressão nominal (bar)

02.20 Reducing tee 90°

PVC-U	Solvent weld / fusion	48 references	48 with CAD file
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d	d1	D	D1	I	I1	Z	Z1	PN	Weight (g)	Pack	REF.	3D
20	16	20	21	28	26	11	12	16	19	B 100	01051004001	sim
25	16	31	21	33	28	13	14	16	26	B 60	01051004003	sim
25	20	31	25	33	30	13	13	16	28	B 60	01051004002	sim
32	20	38	25	39	34	16	17	16	42	B 40	01051004004	sim
32	25	38	31	39	37	16	17	16	45	B 40	01051004005	sim
40	20	47.5	26	49	38	22	22	16	78	C 100	01051004006	sim
40	25	47.5	32	49	41	22	22	16	80	C 90	01051004007	sim

d	d1	D	D1	I	I1	Z	Z1	PN	Weight (g)	Pack	REF.	3D
40	32	47.5	40	49	43	22	21	16	84	C 80	01051004008	sim
50	20	60	26	57	44	25.5	28	16	143	C 45	01051004009	sim
50	25	60	32	57	47	25.5	28	16	146	C 50	01051004010	sim
50	32	60	40	57	50	25.5	28	16	150	C 45	01051004011	sim
50	40	60	49	57	54.5	25.5	28	16	157	C 45	01051004012	sim
63	20	75.5	26	72	50	34	33.5	16	280	C 30	01051004025	sim
63	25	75.5	32	72	52.5	34	33.5	16	280	C 30	01051004026	sim
63	32	75.5	40	72	56	34	33.5	16	283	C 30	01051004013	sim
63	40	75.5	49	72	60	34	33.5	16	288	C 30	01051004014	sim
63	50	75.5	60	72	65	34	34	16	299	C 26	01051004015	sim
75	50	92	61	84	71	40	40	16	527	C 12	01051004016	sim
75	63	92	77	84	78	40	40	16	548	C 12	01051004017	sim
90	50	109	65	99	83	48	48	16	865	E 16	01051004018	sim
90	63	109	77	99	86	48	48	16	865	E 16	01051004019	sim
90	75	109	92	99	92	48	48	16	900	E 16	01051004020	sim
110	50	132	65	119	96	58	65	16	1417	E 11	01051004021	sim
110	63	132	77	119	96	58	58	16	1426	E 11	01051004022	sim
110	75	132	92	119	102	58	58	16	1451	E 11	01051004023	sim
110	90	132	109	119	109	58	58	16	1522	E 9	01051004024	sim
125	50	145	60	135	94	66	64	10	1680	E 8	01051004033	sim
125	63	145	75	135	101	66	64	10	1700	E 8	01051004034	sim
125	75	145	89.5	135	107	66	64	10	1714	E 8	01051004035	sim
125	90	145	105	135	115	66	64	10	1740	E 8	01051004036	sim
125	110	145	129	135	125	66	64	10	1830	E 8	01051004037	sim
140	50	162	62	149	109	72	77.5	10	2190	D 6	01051004040	sim
140	63	162	75.5	149	110	72	72	10	2180	D 6	01051004041	sim
140	75	162	89.5	149	116	72	72	10	2200	D 6	01051004042	sim
140	90	162	105	149	123	72	72	10	2222	D 6	01051004043	sim
140	110	162	129	149	133	72	72	10	2390	D 5	01051004044	sim
140	125	162	145.5	149	141	72	72	10	2485	D 5	01051004045	sim
160	75	188	89.5	167	125	81	81	10	3637	D 5	01051004047	sim
160	90	188	105	167	132.5	81	81	10	3611	D 4	01051004048	sim
160	110	188	129	167	142.5	81	81	10	3700	D 4	01051004049	sim
160	125	188	145	167	150	81	81	10	3741	D 4	01051004050	sim
160	140	188	162	167	158	81	81	10	3810	D 4	01051004051	sim
200	90	227	105	210	154.5	103	103	10	5284	E 1	01051004053	sim
200	110	227	129	210	164.5	103	103	10	5365	E 1	01051004054	sim
200	125	227	145	210	172	103	103	10	5425	E 1	01051004055	sim
200	140	227	162	210	180	103	103	10	5545	E 1	01051004056	sim
200	160	227	185	210	189	103	102	10	5760	E 1	01051004057	sim

d	d1	D	D1	I	I1	Z	Z1	PN	Weight (g)	Pack	REF.	3D
315	160	356	188	332	253	167	167	10	19540	I 1	01051004076	sim

Dimension key: d = Ø exterior do tubo (mm), d1 = Ø exterior do tubo (2.ª saída) (mm), D = Ø exterior do acessório (mm), D1 = Ø exterior do acessório (2) (mm), I = Profundidade de encaixe (mm), I1 = Profundidade de encaixe (2) (mm), PN = Pressão nominal (bar)

02.21 Tee 90° F/M

PVC-U	Solvent weld / fusion	3 references	3 with CAD file
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d	D	I	Z	I1	Z1	Weight (g)	Pack	REF.	3D
20	26	28	11	33	17	24	B 100	01051309020	sim
25	33	33	14	38.5	19.5	45	B 60	01051309025	sim
32	40	39	16.5	45	23	62	B 30	01051309032	sim

Dimension key: d = Ø exterior do tubo (mm), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm), I1 = Profundidade de encaixe (2) (mm)

02.22 Reducing tee 90° F/M

PVC-U	Solvent weld / fusion	2 references	2 with CAD file
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d	d1	D	I	Z	I1	Z1	Weight (g)	Pack	REF.	3D
25	20	33	33	14	36	19.5	44	B 60	01051310008	sim
32	25	40	39	16.5	42	23	60	B 30	01051310014	sim

Dimension key: d = Ø exterior do tubo (mm), d1 = Ø exterior do tubo (2.ª saída) (mm), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm), I1 = Profundidade de encaixe (2) (mm)

02.23 Backing flange

PVC-U	Flanged	14 references	14 with CAD file
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d	A	B	K	I	Y	Furos	PN	Weight (g)	Pack	REF.	3D
50	150	62	110	16	18	4	16	225	C 70	01051019050	sim
63	165	78	125	18	18	4	16	297	C 50	01051019063	sim
75	185	92	145-140	19	18	4	16	340	C 40	01051019075	sim
90	200	110	160-152	20	18	8	16	386	C 34	01051019090	sim
110	220	133	180	22	18	8	16	450	C 25	01051019110	sim
125	226	147	190	24	18	8	16	575	C 22	01051019125	sim
140/125	248	147	210	26	18	8	16	823	C 17	01051308140	sim
140	248	165	210	26	18	8	16	676	C 17	01051019140	sim
160	285	190	240	28	22	8	16	1034	C 10	01051019160	sim
200/225	340	232	295-286	30	22	8	10	1494	E 10	01051308200	sim
225	340	250	295	32	22	8	10	1200	E 10	01051019225	sim
250	395	278	350	36	22	12	10	2070	D 10	01051019250	sim
315	445	345	400	36	22	12	10	2150	Q 2	01051019315	sim
400	565	438	515	42	26	16	6	3980	R 1	01051019400	sim

Dimension key: d = Ø exterior do tubo (mm), I = Profundidade de encaixe (mm), Furos = N.º de furos (un), PN = Pressão nominal (bar)

02.24 Flange adaptor

PVC-U	Solvent weld / fusion	13 references	13 with CAD file
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d	h	I	A	D	Z	PN	Weight (g)	Pack	REF.	3D
50	8	34	73	61	3	16	59	C 150	01051020050	sim
63	9	41	90	77	3	16	109	C 80	01051020063	sim
75	10	47	106	91	3	16	163	C 55	01051020075	sim
90	11	56	125	108	5	16	260	C 30	01051020090	sim
110	13	66	150	131	5	16	430	C 20	01051020110	sim
125	13	74	167	145	5	16	530	C 14	01051020125	sim
140	14	83	187	162	6	16	714	C 8	01051020140	sim
160	16	95	213	187	8	16	1120	E 14	01051020160	sim
200	18	113	254	230	6	10	1800	D 9	01051020200	sim
225	25	125	274	248	6	10	1803	E 6	01051020225	sim
250	25	141	303	274	9	10	2310	E 4	01051020250	sim
315	28	174	378	342	10	10	4050	D 3	01051020315	sim
400	30	219	482	432	12	6	7630	H 1	01051020400	sim

Dimension key: d = Ø exterior do tubo (mm), h = Altura (mm), I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm), PN = Pressão nominal (bar)

02.25 Flange adaptor with o'ring

PVC-U	Solvent weld / fusion	24 references	12 with CAD file
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d	h	I	A	D	Z	E	F	H	PN	Weight (g)	Pack	REF.	3D
50	13	40	73	61	8	63.2	6.5	4.3	16	72	C 150	01051021050	sim
63	14	46	90	77	8	79	6.5	4.3	16	123	C 80	01051021063	sim
75	15	52	106	91	7	91.5	6.8	4.3	16	184	C 55	01051021075	sim
90	16	62	125	108	10	110.2	6.8	4.3	16	298	C 30	01051021090	sim
110	19	72	150	131	11	131	7.5	5.6	16	476	C 20	01051021110	sim
125	19	80	167	145	11	148.5	9	5.8	16	590	C 11	01051021125	sim
140	20	89	187	162	12	165.5	9	5.8	16	781	C 8	01051021140	sim
160	22	97	213	187	11	188.2	8.1	5.6	16	1231	D 16	01051021160	sim
200	24	119	254	230	12	235	9	5.8	10	1960	D 9	01051021200	sim
225	31	131	274	248	12	254	9	5.8	10	1970	D 6	01051021225	sim
250	31	147	303	274	15	279	9	5.8	10	2500	E 4	01051021250	sim
315	34	180	378	342	16	348	9	5.8	10	4300	D 3	01051021315	sim

Dimension key: d = Ø exterior do tubo (mm), h = Altura (mm), I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm), PN = Pressão nominal (bar)

O' ring gasket

D	d	I	Weight (g)	Pack	REF.	3D
64.00	53.34	5.33	-	-	40908093044	-
79.88	69.22	3.53	-	-	40908093047	-
92.58	81.92	3.53	-	-	40908093050	-

D	d	I	Weight (g)	Pack	REF.	3D
111.63	100.97	5.33	-	-	40908093053	-
130.82	116.84	6.99	-	-	40908093070	-
149.87	135.89	6.99	-	-	40908093072	-
165.75	151.7	6.99	-	-	40908093073	-
188.58	174.60	6.99	-	-	40908093080	-
235.90	221.92	6.99	-	-	40908093074	-
254.65	240.67	6.99	-	-	40908093082	-
280.05	266.07	6.99	-	-	40908093084	-
349.95	335.97	6.99	-	-	40908093083	-

Dimension key: D = Ø exterior do acessório (mm), d = Ø exterior do tubo (mm), I = Profundidade de encaixe (mm)

02.26 Flange adaptor with groove

PVC-U	Solvent weld / fusion	13 references	13 with CAD file
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d	h	I	A	D	Z	PN	Weight (g)	Pack	REF.	3D
50	8	34	73	61	3	16	59	C 150	01051152050	sim
63	9	41	90	77	3	16	109	C 80	01051152063	sim
75	10	47	106	91	3	16	163	C 55	01051152075	sim
90	11	56	125	108	5	16	260	C 30	01051152090	sim
110	13	66	150	131	5	16	430	C 20	01051152110	sim
125	13	74	167	145	5	16	530	C 14	01051152125	sim
140	14	83	187	162	6	16	714	C 8	01051152140	sim
160	16	95	213	187	8	16	1120	E 14	01051152160	sim
200	18	113	254	230	6	10	1800	D 9	01051152200	sim
225	25	125	274	248	6	10	1803	E 6	01051152225	sim
250	25	141	303	274	9	10	2310	E 4	01051152250	sim
315	28	174	378	342	10	10	4050	D 3	01051152315	sim
400	30	219	482	432	12	6	7630	H 1	01051152400	sim

Dimension key: d = Ø exterior do tubo (mm), h = Altura (mm), I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm), PN = Pressão nominal (bar)

02.27 Conic hose nozzle

PVC-U	Solvent weld / fusion	6 references	6 with CAD file
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d	d1	D	L	L1	I	Weight (g)	Pack	REF.	3D
20	14	12	17	17	57	11	B 200	01051013020	sim
25	20	17	19	16	63	17	B 120	01051013025	sim
32	25	24	22	19	70	29	B 70	01051013032	sim
40	32	29	26	22	80	52	B 50	01051013040	sim
50	40	31	31	26	86	80	B 30	01051013050	sim
63	50	45	38	31	105	145	B 15	01051013063	sim

Dimension key: d = Ø exterior do tubo (mm), d1 = Ø exterior do tubo (2.ª saída) (mm), D = Ø exterior do acessório (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm), I = Profundidade de encaixe (mm)

02.28 Hose nozzle

PVC-U	Solvent weld / fusion	7 references	7 with CAD file
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d	d1	D	L	L1	I	Weight (g)	Pack	REF.	3D
12	8	14	12		51	6	A 100	01051113012	sim
20	14	20	16.5		86	20	B 140	01051113020	sim
25	19	25	19		92	27	B 80	01051113025	sim
32	25	30	22.5	19	92	39	B 50	01051113032	sim
40	32	40	26.5	22.5	115	77	B 30	01051113040	sim
50	40	45	31.5	26.5	115	91	B 25	01051113050	sim
63	50	55	38	31.5	115	141	B 15	01051113063	sim

Dimension key: d = Ø exterior do tubo (mm), d1 = Ø exterior do tubo (2.ª saída) (mm), D = Ø exterior do acessório (mm), L = Comprimento (mm), L1 = Comprimento (2), I = Profundidade de encaixe (mm)

02.29 Reducing bush

PVC-U	Solvent weld / fusion	41 references	41 with CAD file
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d	d1	d2	d3	I	Z	Z1	Z2	Z3	PN	Weight (g)	Pack	REF.	3D
25	20	32	25	44	8	3	22	25	16	17	B 120	01051007002	sim
32	20	40	25	51	8	5	24	31	16	27	B 80	01051007004	sim
32	25	40	32	53	12	5	26	31	16	30	B 80	01051007005	sim
40	20	50	25	55	12	6	30	37	16	46	B 60	01051007007	sim
40	25	50	32	58	13	8	30	35	16	50	C 200	01051007008	sim
40	32	50	40	62	9	5	30	36	16	53	C 150	01051007009	sim
50	20	63	25	66	18	8	27	47	16	93	C 150	01051007010	sim
50	25	63	32	69	18	8	30	47	16	96	C 150	01051007011	sim
50	32	63	40	73	15	8	34	47	16	100	C 150	01051007012	sim
50	40	63	50	78	20	8	39	47	16	111	C 110	01051007013	sim
63	32	75	39	65	4	X	26	X	16	115	C 95	01051007014	sim
63	40	75	48	69	5	X	30	X	16	110	C 100	01051007015	sim
63	50	75	60	74	5	X	35	X	16	118	C 100	01051007016	sim
63	60	72.5	72.5	79	3	X	X	X	16	160	C 57	01051007048	sim
75	40	90	50	85	12	18	44	59	16	190	C 60	01051007017	sim
75	50	90	59	85	9	X	44	X	16	181	C 60	01051007018	sim
75	63	90	76	91	6	X	50	X	16	218	C 36	01051007019	sim
90	50	110	63	96	9	15	43	67	16	350	C 32	01051007020	sim
90	63	110	75	100	9	15	47	67	16	350	C 27	01051007021	sim
90	75	110	90	103	7	15	51	67	16	388	C 27	01051007022	sim
90	85	106.5	106.5	107.5	4	X	X	X	16	425	C 18	01051007023	sim
110	63	125	77	115	12	x	50	x	16	474	C 18	01051007024	sim
110	75	125	92	120	12	x	55	x	16	500	C 18	01051007025	sim
110	90	125	106	124	8	x	59	x	16	518	C 18	01051007026	sim
125	63	140	75	145	37	29	72	100	16	660	C 10	01051007029	sim

d	d1	d2	d3	I	Z	Z1	Z2	Z3	PN	Weight (g)	Pack	REF.	3D
125	75	140	90	150	36	26	77	98	16	690	C 10	01051007030	sim
125	90	140	110	158	36	23	77	95	16	750	C 10	01051007031	sim
125	110	140	125	154	22	14	82	87	16	680	C 10	01051007032	sim
140	75	160	90	160	44	26	79	108	16	920	C 6	01051007034	sim
140	90	160	110	166	37	23	104	103	16	1023	C 6	01051007035	sim
140	110	160	125	172	33	21	91	102	16	985	C 6	01051007036	sim
140	125	160	145	165	19	x	84	x	16	1060	E 12	01051007037	sim
160	75	185	90	176	45	x	x	125	16	1485	E 12	01051007039	sim
160	90	185	110	184	45	x	x	122	16	1583	E 12	01051007040	sim
160	110	185	125	189	40	x	x	120	16	1515	D 16	01051007041	sim
160	125	185	140	194	38	x	x	117	16	1550	D 16	01051007042	sim
160	140	185	162	186	22	x	x	x	16	1638	D 10	01051007043	sim
200	110	225	127	210	41	x	99	x	10	2411	D 6	01051007044	sim
200	125	225	145	213	36	x	102	x	10	2460	D 6	01051007045	sim
200	140	225	162	220	36	x	109	x	10	2520	D 6	01051007046	sim
200	160	225	185	225	31	x	114	x	10	2650	D 6	01051007047	sim

Dimension key: d = Ø exterior do tubo (mm), d1 = Ø exterior do tubo (2.ª saída) (mm), d2 = Ø exterior do tubo (3.ª saída) (mm), d3 = Ø exterior do tubo (4.ª saída) (mm), I = Profundidade de encaixe (mm), PN = Pressão nominal (bar)

02.31 Short reducer

PVC-U	Solvent weld / fusion	59 references	59 with CAD file
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d	d1	I	Z	Fig	PN	Weight (g)	Pack	REF.	3D
16	12	14	2	A	16	2	A 250	01051080002	sim
20	10	16	4	A	16	5	A 150	01051080003	sim
20	12	16	4	A	16	5	A 150	01051080004	sim
20	16	16	2	A	16	3	A 150	01051080005	sim
25	16	19	3	A	16	8	A 80	01051080006	sim
25	20	19	3	A	16	5	A 80	01051080007	sim
32	20	22	6	A	16	15	B 200	01051080009	sim
32	25	22	3	A	16	10	B 200	01051080010	sim
40	16	26	11	B	16	25	B 140	01051080031	sim
40	20	26	9	B	16	25	B 140	01051080032	sim
40	25	26	7	A	16	27	B 140	01051080011	sim
40	32	26	4	A	16	16	B 140	01051080012	sim
50	20	31	14	B	16	38	B 80	01051080013	sim
50	25	31	11	B	16	40	B 80	01051080014	sim
50	32	31	9	B	16	40	B 80	01051080015	sim
50	40	31	5	A	16	30	B 80	01051080016	sim
63	32	38	15	B	16	72	B 50	01051080017	sim
63	40	38	12	B	16	76	B 50	01051080018	sim
63	50	38	7	A	16	62	B 50	01051080019	sim

d	d1	l	Z	Fig	PN	Weight (g)	Pack	REF.	3D
75	40	44	16	B	16	108	C 100	01051080020	sim
75	50	44	13	B	16	105	C 100	01051080021	sim
75	63	44	6	A	16	80	C 100	01051080022	sim
90	50	51	20	B	16	157	C 60	01051080023	sim
90	63	51	13	B	16	148	C 60	01051080024	sim
90	75	51	7	A	16	140	C 60	01051080025	sim
110	50	61	30	B	16	285	C 38	01051080027	sim
110	63	61	23	B	16	289	C 38	01051080028	sim
110	75	61	17	B	16	297	C 38	01051080029	sim
110	90	61	10	A	16	268	C 38	01051080030	sim
125	75	69	25	B	16	460	C 24	01051080035	sim
125	90	69	17	B	16	430	C 24	01051080036	sim
125	110	69	7	A	16	266	C 24	01051080037	sim
140	90	76	24	B	16	584	C 20	01051080040	sim
140	110	76	14	B	16	485	C 20	01051080041	sim
140	125	76	7	A	16	333	C 20	01051080042	sim
160	90	86	34	B	16	860	C 9	01051080048	sim
160	110	86	24	B	16	855	C 9	01051080049	sim
160	125	86	20	B	16	760	C 9	01051080050	sim
160	140	86	9	A	16	562	C 9	01051080051	sim
200	110	106	44	B	10	1611	C 4	01051080054	sim
200	125	106	37	B	10	1650	C 4	01051080055	sim
200	140	106	29	B	10	1650	C 4	01051080056	sim
200	160	106	19	B	10	1395	C 4	01051080057	sim
225	110	118.5	57	B	10	2340	C 3	01051080061	sim
225	125	118.5	50	B	10	2400	C 3	01051080062	sim
225	140	118.5	42	B	10	2400	C 3	01051080063	sim
225	160	118.5	32	B	10	2410	C 3	01051080064	sim
225	200	118.5	12	A	10	1380	C 3	01051080065	sim
250	125	131	62	B	10	3070	C 3	01051080068	sim
250	140	131	54	B	10	3050	C 3	01051080069	sim
250	160	131	44	B	10	3200	C 3	01051080070	sim
250	200	131	24	B	10	2760	C 3	01051080071	sim
250	225	131	12	A	10	1665	C 3	01051080072	sim
315	160	163.5	65.5	B	10	5790	D 3	01051080076	sim
315	200	163.5	56.5	B	10	5850	D 3	01051080077	sim
315	225	163.5	44.5	B	10	5600	D 3	01051080078	sim
315	250	163.5	31.5	B	10	5610	D 3	01051080079	sim
400	250	206	74	B	6	11400	S 1	01051080084	sim
400	315	206	41	B	6	10050	S 1	01051080085	sim

Dimension key: d = Ø exterior do tubo (mm), d1 = Ø exterior do tubo (2.ª saída) (mm), l = Profundidade de encaixe (mm), Fig = Figura (un), PN = Pressão nominal (bar)

02.34 Union F/F

PVC-U	Solvent weld / fusion	30 references	6 with CAD file
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d	G	D	D1	l1	l2	Z1	Z2	Weight (g)	Pack	REF.	3D
20	40x10	46	28	26	20	10	3	53	B 60	01051114020	sim
25	47x10	56	36	28	23	10	3	84	B 40	01051114025	sim
32	53x8	67	42	30	26	10	3	122	B 30	01051114032	sim
40	66x8	82	52	41	31	13	3	203	C 60	01051114040	sim
50	74x8	88	63	45	35	14	3	250	C 45	01051114050	sim
63	90x8	106	77	52	42	14	3	407	C 30	01051114063	sim

Dimension key: d = Ø exterior do tubo (mm), G = Rosca, D = Ø exterior do acessório (mm), D1 = Ø exterior do acessório (2) (mm), l1 = Profundidade de encaixe (2) (mm), l2 = Profundidade de encaixe (3) (mm)

Union nuts

d	G	l	D	Weight (g)	Pack	REF.	3D
" 1/2	40 x 10	22	46	21	-	01011118012	-
"3/4	47 x 10	26	56	35	-	01011118034	-
1"	53 x 8	28	67	56	-	01011118100	-
1" 1/4	66 x 8	30	82	86	-	01011118114	-
1" 1/2	74 x 8	31	88	90	-	01011118150	-
2"	90 x 8	38	106	151	-	01011118200	-

Dimension key: d = Ø exterior do tubo (mm), G = Rosca, l = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

Union ends

d	A	D	l	Z	Weight (g)	Pack	REF.	3D
20	36	28	20	3	11	-	01051116020	-
25	43	36	23	3	20	-	01051116025	-
32	50	42	26	3	26	-	01051116032	-
40	63	52	31	3	43	-	01051116040	-
50	69	63	35	3	59	-	01051116050	-
63	83	77	42	3	96	-	01051116063	-

Dimension key: d = Ø exterior do tubo (mm), D = Ø exterior do acessório (mm), l = Profundidade de encaixe (mm)

Union bushes

d	G	l	Z	E	F	H	D	Weight (g)	Pack	REF.	3D
20	40x10	26	10	28.4	4.3	2.5	28	19	-	01051117020	-
25	47x10	28	10	35.5	4.8	2.5	36	30	-	01051117025	-
32	53x8	30	10	39.6	4.6	2.5	42	41	-	01051117032	-
40	66x8	41	13	51.8	7	4	52	72	-	01051117040	-
50	74x8	45	14	57	7	4	63	95	-	01051117050	-
63	90x8	52	14	70	7	4	77	153	-	01051117063	-

Dimension key: d = Ø exterior do tubo (mm), G = Rosca, l = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

O' ring gaskets

D	d	I	Weight (g)	Pack	REF.	3D
28,86	21,80	3,53	-	-	40908093011	-
35,23	28,17	3,53	-	-	40908093014	-
39,96	32,92	3,53	-	-	40908093016	-
51,30	40,64	5,33	-	-	40908093018	-
57,65	46,99	5,33	-	-	40908093024	-
70,36	59,70	5,33	-	-	40908093030	-

Dimension key: D = Ø exterior do acessório (mm), d = Ø exterior do tubo (mm), I = Profundidade de encaixe (mm)

02.35 Union F/M/F

PVC-U	Solvent weld / fusion	30 references	6 with CAD file
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d	d1	D	D1	G	I1	I2	Z1	Z2	Weight (g)	Pack	REF.	3D
16	20	46	28	40x10	33	20	17	3	52	B 60	01051320003	sim
20	25	56	36	47x10	37	23	18	3	84	B 40	01051320006	sim
25	32	67	42	53x8	42	26	19	3	128	B 20	01051320009	sim
32	40	82	52	66x8	49	31	22	3	204	B 18	01051320012	sim
40	50	88	63	74x8	57	35	25	3	270	C 48	01051320015	sim
50	63	106	77	90x8	65	42	27	3	436	C 25	01051320019	sim

Dimension key: d = Ø exterior do tubo (mm), d1 = Ø exterior do tubo (2.ª saída) (mm), D = Ø exterior do acessório (mm), D1 = Ø exterior do acessório (2) (mm), G = Rosca, I1 = Profundidade de encaixe (2) (mm), I2 = Profundidade de encaixe (3) (mm)

Union nuts

d	G	I	D	Weight (g)	Pack	REF.	3D
" 1/2	40 x 10	22	46	21	-	01011118012	-
"3/4	47 x 10	26	56	35	-	01011118034	-
1"	53 x 8	28	67	56	-	01011118100	-
1" 1/4	66 x 8	30	82	86	-	01011118114	-
1" 1/2	74 x 8	31	88	90	-	01011118150	-
2"	90 x 8	38	106	151	-	01011118200	-

Dimension key: d = Ø exterior do tubo (mm), G = Rosca, I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

Union ends

d	A	D	I	Z	Weight (g)	Pack	REF.	3D
20	36	28	20	3	11	-	01051116020	-
25	43	36	23	3	20	-	01051116025	-
32	50	42	26	3	26	-	01051116032	-
40	63	52	31	3	43	-	01051116040	-
50	69	63	35	3	59	-	01051116050	-
63	83	77	42	3	96	-	01051116063	-

Dimension key: d = Ø exterior do tubo (mm), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm)

Union bushes M/F

d	d1	I	G	Z	Z1	F	H	E	Weight (g)	Pack	REF.	3D
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d	d1	I	G	Z	Z1	F	H	E	Weight (g)	Pack	REF.	3D
20	16	33	40x10	17	19	4.3	2.5	28.4	20	-	01051317003	-
25	20	37	47x10	18	21	4.8	2.5	35.5	30	-	01051317006	-
32	25	42	53x8	19	23	4.6	2.5	39.6	46	-	01051317009	-
40	32	49	66x8	22	26	7	4	51.8	73	-	01051317012	-
50	63	57	74x8	25	29	7	4	57	110	-	01051317015	-
63	50	65	90x8	27	34	7	4	70	183	-	01051317019	-

Dimension key: d = Ø exterior do tubo (mm), d1 = Ø exterior do tubo (2.ª saída) (mm), I = Profundidade de encaixe (mm), G = Rosca

O' ring gaskets

D	d	I	Weight (g)	Pack	REF.	3D
28,86	21,80	3,53	-	-	40908093011	-
35,23	28,17	3,53	-	-	40908093014	-
39,96	32,92	3,53	-	-	40908093016	-
51,30	40,64	5,33	-	-	40908093018	-
57,65	46,99	5,33	-	-	40908093024	-
70,36	59,70	5,33	-	-	40908093030	-

Dimension key: D = Ø exterior do acessório (mm), d = Ø exterior do tubo (mm), I = Profundidade de encaixe (mm)

02.36 Union F/M/F/M

PVC-U	Solvent weld / fusion	20 references	4 with CAD file
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d	d1	D	G	I1	I2	Z1	Z2	Weight (g)	Pack	REF.	3D
16	20	46	40x10	33	28	17	11	51	B 60	01051319003	sim
25	32	67	53x8	42	35	19	12	126	B 20	01051319009	sim
40	50	88	74x8	57	49	25	14	276	-	01051319015	sim
50	63	106	90x8	65	56	27	17	460	C 24	01051319019	sim

Dimension key: d = Ø exterior do tubo (mm), d1 = Ø exterior do tubo (2.ª saída) (mm), D = Ø exterior do acessório (mm), G = Rosca, I1 = Profundidade de encaixe (2) (mm), I2 = Profundidade de encaixe (3) (mm)

Union nuts

d	G	I	D	Weight (g)	Pack	REF.	3D
" 1/2	40 x 10	22	46	21	-	01011118012	-
1"	53 x 8	28	67	56	-	01011118100	-
1" 1/2	74 x 8	31	88	90	-	01011118150	-
2"	90 x 8	38	106	151	-	01011118200	-

Dimension key: d = Ø exterior do tubo (mm), G = Rosca, I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

Union ends M/F

d	d1	D	I	Z	Z1	Weight (g)	Pack	REF.	3D
20	16	36	28	11	17	9	-	01051313003	-
32	25	50	35	12	16	24	-	01051313009	-
50	40	69	49	14	23	72	-	01051314015	-
63	50	83	56	17	24	118	-	01051314019	-

Dimension key: d = Ø exterior do tubo (mm), d1 = Ø exterior do tubo (2.ª saída) (mm), D = Ø exterior do acessório (mm), l = Profundidade de encaixe (mm)

Union bushes M/F

d	d1	l	G	Z	Z1	F	H	E	Weight (g)	Pack	REF.	3D
20	16	33	40x10	17	19	4.3	2.5	28.4	20	-	01051317003	-
32	25	42	53x8	19	23	4.6	2.5	39.6	46	-	01051317009	-
50	63	57	74x8	25	29	7	4	57	110	-	01051317015	-
63	50	65	90x8	27	34	7	4	70	183	-	01051317019	-

Dimension key: d = Ø exterior do tubo (mm), d1 = Ø exterior do tubo (2.ª saída) (mm), l = Profundidade de encaixe (mm), G = Rosca

O' ring gaskets

D	d	l	Weight (g)	Pack	REF.	3D
28,86	21,80	3,53	-	-	40908093011	-
39,96	32,92	3,53	-	-	40908093016	-
57,65	46,99	5,33	-	-	40908093024	-
70,36	59,70	5,33	-	-	40908093030	-

Dimension key: D = Ø exterior do acessório (mm), d = Ø exterior do tubo (mm), l = Profundidade de encaixe (mm)

02.37 Union for pool F/F

PVC-U	Solvent weld / fusion	45 references	9 with CAD file
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d	G	l1	l2	Z1	Z2	D	D1	PN	Weight (g)	Pack	REF.	3D
20	1"	20	27	4	10	40	27	10	33	B 100	01051278020	sim
25	1" ¼	22	28	3	9	51	35	10	62	B 50	01051278025	sim
32	1" ½	27	31	4	8	57	41	10	77	B 30	01051278032	sim
40	2"	30	36	3	8	71	49	10	146	C 75	01051278040	sim
50	2" ¼	34	46	3	15	77	59	10	170	C 60	01051278050	sim
63	2" ¾	42	52	3	14	95	74	10	295	C 36	01051278063	sim
75	3" ½	48	57	4	13	115	91	10	515	C 16	01051278075	sim
90	4"	59	66	7	14.5	129	104	10	690	C 12	01051278090	sim
110	5"	67	79	5.5	17.5	165	129	4	1310	C 6	01051278110	sim

Dimension key: d = Ø exterior do tubo (mm), G = Rosca (in), l1 = Profundidade de encaixe (2) (mm), l2 = Profundidade de encaixe (3) (mm), D = Ø exterior do acessório (mm), D1 = Ø exterior do acessório (2) (mm), PN = Pressão nominal (bar)

Union nut for pool

d	G	l	D	Weight (g)	Pack	REF.	3D
" 1/2	1"	20	40	13	-	01011274012	-
"3/4	1" 1/4	23	51	23	-	01011274034	-
1"	1" 1/2	25	57	28	-	01011274100	-
1" 1/4	2"	27	71	47	-	01011274114	-
1" 1/2	2" 1/4	30	77	60	-	01011274150	-
2"	2" 3/4	37	93	97	-	01011274200	-
2" 1/2	3" 1/2	45	115	163	-	01011274250	-
3"	4"	45	132	245	-	01011274300	-

d	G	I	D	Weight (g)	Pack	REF.	3D
4"	5"	59	165	525	-	01011274400	-

Dimension key: d = Ø exterior do tubo (in), G = Rosca (in), I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

Union end for pool

d	I	A	D	Z	Weight (g)	Pack	REF.	3D
20	20	29.5	27	3	8	-	01051275020	-
25	23	33	30	3	16	-	01051275025	-
32	26	39	36	3	20	-	01051275032	-
40	30	56	48	3	31	-	01051275040	-
50	34	62	59	3	41	-	01051275050	-
63	41	78	74	3	77	-	01051275063	-
75	49	97	91	5	144	-	01051275075	-
90	59	109	104	7	200	-	01051275090	-
110	67	135.5	129	7	337	-	01051275110	-

Dimension key: d = Ø exterior do tubo (mm), I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

Union bush for pool

d	G	I	Z	E	F	H	D	Weight (g)	Pack	REF.	3D
20	1"	27	9	25.4	3	2	27	13	-	01051276020	-
25	1 " ¼	29	9	35.2	4.5	2.5	35	23	-	01051276025	-
32	1 " ½	31	9	39.8	4.5	2.5	41	29	-	01051276032	-
40	2 "	41	13	50.8	7	4	52	52	-	01051276040	-
50	2" ¼	45	14	57	7	4	59	60	-	01051276050	-
63	2 " ¾	52	14	70	7	4	74	110	-	01051276063	-
75	3 " ½	57	13	85	7	4	91	202	-	01051276075	-
90	4"	66	14.5	102	7	4	104	245	-	01051276090	-
110	5 "	76	14.5	124	7	4	128	432	-	01051276110	-

Dimension key: d = Ø exterior do tubo (mm), G = Rosca (in), I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

O' ring gasket

D	d	I	Weight (g)	Pack	REF.	3D
25,64	20,30	2,62	-	-	40908093106	-
35,23	28,17	3,53	-	-	40908093014	-
39,96	32,92	3,53	-	-	40908093016	-
51,30	40,64	5,33	-	-	40908093018	-
57,65	46,99	5,33	-	-	40908093024	-
70,36	59,70	5,33	-	-	40908093030	-
85,29	74,63	5,33	-	-	40908093055	-
102,10	91,44	5,33	-	-	40908093056	-
124,33	113,67	5,33	-	-	40908093057	-

Dimension key: D = Ø exterior do acessório (mm), d = Ø exterior do tubo (mm), I = Profundidade de encaixe (mm)

02.43 Unions for pool F/M/F

PVC-U	Solvent weld / fusion	30 references	6 with CAD file
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d	d1	D	D1	G	I1	I2	Z1	Z2	PN	Weight (g)	Pack	REF.	3D
16	20	40	27	1"	33	20	17	3	10	33	B 60	01051323003	sim
20	25	51	35	1"¾	37	23	18	3	10	61	B 40	01051323006	sim
25	32	57	41	1"½	42	27	19	3	10	82	B 30	01051323009	sim
32	40	71	52	2"	49	30	22	3	10	146	B 20	01051323012	sim
40	50	77	59	2"¾	57	34	25	3	10	194	C 72	01051323015	sim
50	63	93	74	2"¾	65	41	27	3	10	334	C 36	01051323019	sim

Dimension key: d = Ø exterior do tubo (mm), d1 = Ø exterior do tubo (2.ª saída) (mm), D = Ø exterior do acessório (mm), D1 = Ø exterior do acessório (2) (mm), G = Rosca (in), I1 = Profundidade de encaixe (2) (mm), I2 = Profundidade de encaixe (3) (mm), PN = Pressão nominal (bar)

Union nuts for pools

d	G	I	D	Weight (g)	Pack	REF.	3D
" 1/2	1"	20	40	13	-	01011274012	-
"3/4	1" 1/4	23	51	23	-	01011274034	-
1"	1" 1/2	25	57	28	-	01011274100	-
1" 1/4	2"	27	71	47	-	01011274114	-
1" 1/2	2" 1/4	30	77	60	-	01011274150	-
2"	2" 3/4	37	93	97	-	01011274200	-

Dimension key: d = Ø exterior do tubo (in), G = Rosca (in), I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

Union ends for pools

d	I	A	D	Z	Weight (g)	Pack	REF.	3D
20	20	29.5	27	3	8	-	01051275020	-
25	23	33	30	3	16	-	01051275025	-
32	26	39	36	3	20	-	01051275032	-
40	30	56	48	3	31	-	01051275040	-
50	34	62	59	3	41	-	01051275050	-
63	41	78	74	3	77	-	01051275063	-

Dimension key: d = Ø exterior do tubo (mm), I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

Union bushes M/F for pools

d	d1	I	G	Z	Z1	F	H	E	Weight (g)	Pack	REF.	3D
20	16	33	1"	17	19	3	2	25.4	13	-	01051318003	-
25	20	37	1"¾	18	21	4.8	2.5	35.5	24	-	01051318006	-
32	25	42	1"½	19	23	4.8	2.5	39.8	35	-	01051318009	-
40	32	49	2"	22	26	7	4	50.8	58	-	01051318012	-
50	40	57	2"¾	25	29	7	4	57	80	-	01051318015	-
63	50	65	2"¾	27	34	7	4	70	154	-	01051318019	-

Dimension key: d = Ø exterior do tubo (mm), d1 = Ø exterior do tubo (2.ª saída) (mm), I = Profundidade de encaixe (mm), G = Rosca (in)

O' ring gaskets

D	d	I	Weight (g)	Pack	REF.	3D
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D	d	I	Weight (g)	Pack	REF.	3D
25,64	20,30	2,62	-	-	40908093106	-
35,23	28,17	3,53	-	-	40908093014	-
39,96	32,92	3,53	-	-	40908093016	-
51,30	40,64	5,33	-	-	40908093018	-
57,65	46,99	5,33	-	-	40908093024	-
70,36	59,70	5,33	-	-	40908093030	-

Dimension key: D = Ø exterior do acessório (mm), d = Ø exterior do tubo (mm), I = Profundidade de encaixe (mm)

02.41 Blind flange with grooves

PVC-U	Flanged	13 references	13 with CAD file
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d	A	K	I	Y	Furos	PN	Weight (g)	Pack	REF.	3D
50	150	110	16	18	4	10	252	C 70	01051340050	sim
63	165	125	18	18	4	10	360	C 50	01051340063	sim
75	185	145	19	18	4	10	480	C 40	01051340075	sim
90	200	160	20	18	8	10	610	C 34	01051340090	sim
110	220	180	22	18	8	10	754	C 25	01051340110	sim
125	226	190	24	18	8	10	831	C 18	01051340125	sim
140	248	210	26	18	8	10	1060	C 17	01051340140	sim
160	285	240	28	22	8	10	1390	C 10	01051340160	sim
200	340	286	30	22	8	10	2500	E 10	01051340200	sim
225	340	295	32	22	8	10	2428	C 3	01051340225	sim
250	395	350	36	22	12	10	3630	S 5	01051340250	sim
315	445	400	36	22	12	10	4910	Q 2	01051340315	sim
400	565	515	42	26	16	6	9230	R 1	01051340400	sim

Dimension key: d = Ø exterior do tubo (mm), I = Profundidade de encaixe (mm), Furos = N.º de furos (un), PN = Pressão nominal (bar)

02.42 Fixed flange with grooves

PVC-U	Flanged	5 references	5 with CAD file
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d	L	Z	A	K	I	Y	Furos	PN	Weight (g)	Pack	REF.	3D
75	49	4	185	145-140	19	18	4	10	480	C 18	01051356075	sim
90	56	4	200	160-152	20	18	8	10	620	C 14	01051356090	sim
110	67	5	220	180	22	18	8	10	827	C 10	01051356110	sim
160	94	8	285	240	28	22	8	10	1985	C 4	01051356160	sim
200	117	10	340	286	30	22	8	10	3100	E 3	01051356200	sim

Dimension key: d = Ø exterior do tubo (mm), L = Comprimento (mm), I = Profundidade de encaixe (mm), Furos = N.º de furos (un), PN = Pressão nominal (bar)

02.43 Manifold

PVC-U	Solvent weld / fusion	3 references	3 with CAD file
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d	d1	d2	I	I1	I2	L	L1	H	M	Weight (g)	Pack	REF.	3D
50	40	63	31	26	38	388	135	65	73	820	C 8	01051390019	sim
50	40	50	31	26	31	388	135	65	58	770	C 8	01051390050	sim
63	50	63	38	31	38	475	165	77	73	1274	E 10	01051390063	sim

Dimension key: d = Ø exterior do tubo (mm), d1 = Ø exterior do tubo (2.ª saída) (mm), d2 = Ø exterior do tubo (3.ª saída) (mm), I = Profundidade de encaixe (mm), I1 = Profundidade de encaixe (2) (mm), I2 = Profundidade de encaixe (3) (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm)

02.44 Manifold

PVC-U	Solvent weld / fusion	4 references	3 with CAD file
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d	d1	I	I1	L	L1	L2	H	M	Weight (g)	Pack	REF.	3D
50	40	31	26	388	194	135	65	58	770	C 8	01051391050	sim
63	50	38	31	475	237.5	165	77	73	1280	E 12	01051391063	sim

Dimension key: d = Ø exterior do tubo (mm), d1 = Ø exterior do tubo (2.ª saída) (mm), I = Profundidade de encaixe (mm), I1 = Profundidade de encaixe (2) (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm), L2 = Comprimento (3) (mm)

d	d1	d2	d3	d4	I	I1	I2	I3	L	L1	L2	H	M	Weight (g)	Pack	REF.	3D
90	63	63	50	-	51.5	38	38	31	485	165	160	94	90	2665	E 4	01051391089	sim
90	76	63	50	90	51.5	38	38	31	485	165	160	94	105	2770	E 4	01051391090	-

Dimension key: d = Ø exterior do tubo (mm), d1 = Ø exterior do tubo (2.ª saída) (mm), d2 = Ø exterior do tubo (3.ª saída) (mm), d3 = Ø exterior do tubo (4.ª saída) (mm), d4 = Ø exterior do tubo (5.ª saída) (mm), I = Profundidade de encaixe (mm), I1 = Profundidade de encaixe (2) (mm), I2 = Profundidade de encaixe (3) (mm), I3 = Profundidade de encaixe (4) (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm), L2 = Comprimento (3) (mm)

02.45 Manifold

PVC-U	Solvent weld / fusion	2 references	2 with CAD file
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d	d1	I	I1	L	L1	L2	H	Weight (g)	Pack	REF.	3D
50	40	31	26	388	194	135	65	684	C 12	01051393050	sim
63	50	38	31	475	237.5	165	77	1150	E 10	01051393063	sim

Dimension key: d = Ø exterior do tubo (mm), d1 = Ø exterior do tubo (2.ª saída) (mm), I = Profundidade de encaixe (mm), I1 = Profundidade de encaixe (2) (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm), L2 = Comprimento (3) (mm)

02.46 Manifold

PVC-U	Solvent weld / fusion	1 references	1 with CAD file
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d	d1	I	I1	L	L1	L2	H	Weight (g)	Pack	REF.	3D
50	40	31	26	253	135	59	65	462	C 16	01051392050	sim

Dimension key: d = Ø exterior do tubo (mm), d1 = Ø exterior do tubo (2.ª saída) (mm), I = Profundidade de encaixe (mm), I1 = Profundidade de encaixe (2) (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm), L2 = Comprimento (3) (mm)

02.47 Male plug

PVC-U	Solvent weld / fusion	3 references	3 with CAD file
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d	D	I	Z	Weight (g)	Pack	REF.	3D
50	61	37	6	54	B 60	01051011050	sim
63	74	43.5	6	82	B 30	01051011063	sim
90	108	63.5	12.5	240	B 12	01051011090	sim

Dimension key: d = Ø exterior do tubo (mm), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm)

02.48 PVC solvent cement

Material: not defined	Solvent weld / fusion	3 references
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Weight (g)	Pack	REF.	3D
-	250	20957092125	-
-	500	20957092128	-
-	1000	20957092130	-

02.49 PVC cleaner

Material: not defined	Solvent weld / fusion	1 references
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Weight (g)	Pack	REF.	3D
-	1000	20957092143	-

02.08a Long sockets

PVC-U	Solvent weld / fusion	5 references	5 with CAD file
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d	D	I	G	Z	PN	Weight (g)	Pack	REF.	3D
32	38.5	57	27	3	10	28	B 70	01051055032	sim
40	46.5	64	30.5	3	10	39	C 180	01051055040	sim
50	58	97	47	3	10	90	C 90	01051055050	sim
63	71	123	60	3	10	140	C 40	01051055063	sim
75	85	145	70	5	10	248	C 28	01051055075	sim

Dimension key: d = Ø exterior do tubo (mm), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm), G = Rosca (mm), PN = Pressão nominal (bar)

02.40 Union PVC/PE F/M

Material: not defined	Solvent weld / fusion	30 references	6 with CAD file
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d	G	I1	I2	Z2	D	D1	Weight (g)	Pack	REF.	3D
20	1"	20	27	9	40	27	37	B 70	01051038020	sim
25	1"¼	23	29	9	51	35	63	B 40	01051038025	sim
32	1"½	27	31	9	57	41	84	B 30	01051038032	sim
40	2"	30	41	9	71	52	144	B 84	01051038040	sim
50	2"¼	34	45	14	77	59	195	C 48	01051038050	sim
63	2"¾	41	52	14	93	74	335	C 24	01051038063	sim

Dimension key: d = Ø exterior do tubo (mm), G = Rosca (in), I1 = Profundidade de encaixe (2) (mm), I2 = Profundidade de encaixe (3) (mm), D = Ø

exterior do acessório (mm), D1 = Ø exterior do acessório (2) (mm)

Union nuts for pools

d	G	I	D	Weight (g)	Pack	REF.	3D
" 1/2	1"	20	40	13	-	01011274012	-
"3/4	1" 1/4	23	51	23	-	01011274034	-
1"	1" 1/2	25	57	28	-	01011274100	-
1" 1/4	2"	27	71	47	-	01011274114	-
1" 1/2	2" 1/4	30	77	60	-	01011274150	-
2"	2" 3/4	37	93	97	-	01011274200	-

Dimension key: d = Ø exterior do tubo (in), G = Rosca (in), I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

PE union ends for pools

d	I	A	S	Z	Weight (g)	Pack	REF.	3D
20	67	29.5	2.5	52	11	-	05055039020	-
25	73	33	2.5	56	17	-	05055039025	-
32	73	39	3	56	27	-	05055039032	-
40	79	56	3.7	60	30	-	05055039040	-
50	88	62	4.6	62	67	-	05055039050	-
63	100	78	5.8	75	117	-	05055039063	-

Dimension key: d = Ø exterior do tubo (mm), I = Profundidade de encaixe (mm)

Union bushes for pools

d	G	I	Z	E	F	H	D	Weight (g)	Pack	REF.	3D
20	1"	27	9	25.4	3	2	27	13	-	01051276020	-
25	1 " ¼	29	9	35.2	4.5	2.5	35	23	-	01051276025	-
32	1 " ½	31	9	39.8	4.5	2.5	41	29	-	01051276032	-
40	2 "	41	13	50.8	7	4	52	52	-	01051276040	-
50	2" ¼	45	14	57	7	4	59	60	-	01051276050	-
63	2 " ¾	52	14	70	7	4	74	110	-	01051276063	-

Dimension key: d = Ø exterior do tubo (mm), G = Rosca (in), I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

O' ring gaskets

D	d	I	Weight (g)	Pack	REF.	3D
25,64	20,30	2,62	-	-	40908093106	-
35,23	28,17	3,53	-	-	40908093014	-
39,96	32,92	3,53	-	-	40908093016	-
51,30	40,64	5,33	-	-	40908093018	-
57,65	46,99	5,33	-	-	40908093024	-
70,36	59,70	5,33	-	-	40908093030	-

Dimension key: D = Ø exterior do acessório (mm), d = Ø exterior do tubo (mm), I = Profundidade de encaixe (mm)

02.39 Union for pool F/M/F/M

PVC-U	Solvent weld / fusion	10 references	1 with CAD file
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d	d1	D	G	I1	I2	Z1	Z2	PN	Weight (g)	Pack	REF.	3D
40	50	77	2" 1/4	57	53	25	15	10	220	C 50	01051322015	sim
50	63	93	2" 3/4	65	57	34	18	10	370	C 27	01051322019	-

Dimension key: d = Ø exterior do tubo (mm), d1 = Ø exterior do tubo (2.ª saída) (mm), D = Ø exterior do acessório (mm), G = Rosca (in), I1 = Profundidade de encaixe (2) (mm), I2 = Profundidade de encaixe (3) (mm), PN = Pressão nominal (bar)

Union nuts for pools

d	G	I	D	Weight (g)	Pack	REF.	3D
1" 1/2	2" 1/4	30	77	60	-	01011274150	-
2"	2" 3/4	37	93	97	-	01011274200	-

Dimension key: d = Ø exterior do tubo (in), G = Rosca (in), I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

Union ends M/F for pools

d	d1	D	I	Z	Z1	Weight (g)	Pack	REF.	3D
50	40	62	49	15	22	64	-	01051316015	-
63	50	79	57	18	25	108	-	01051316019	-

Dimension key: d = Ø exterior do tubo (mm), d1 = Ø exterior do tubo (2.ª saída) (mm), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm)

Union bushes M/F for pools

d	d1	I	G	Z	Z1	F	H	E	Weight (g)	Pack	REF.	3D
50	40	57	2"1/4	25	29	7	4	57	80	-	01051318015	-
63	50	65	2"3/4	27	34	7	4	70	154	-	01051318019	-

Dimension key: d = Ø exterior do tubo (mm), d1 = Ø exterior do tubo (2.ª saída) (mm), I = Profundidade de encaixe (mm), G = Rosca (in)

O' ring gaskets

D	d	I	Weight (g)	Pack	REF.	3D
57,65	46,99	5,33	-	-	40908093024	-
70,36	59,70	5,33	-	-	40908093030	-

Dimension key: D = Ø exterior do acessório (mm), d = Ø exterior do tubo (mm), I = Profundidade de encaixe (mm)

02.08b Male socket

PVC-U	Solvent weld / fusion	3 references	3 with CAD file
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d	I	Weight (g)	Pack	REF.	3D
50	62	44	B 50	01051061050	sim
50	100	71	B 30	01051061051	sim
63	76	90	B 30	01051061063	sim

Dimension key: d = Ø exterior do tubo (mm), I = Profundidade de encaixe (mm)

02.50 Sight glass

PVC-U	Solvent weld / fusion	10 references
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d	A	I	L	Weight (g)	Pack	REF.	3D
16	48	84	17	110	B 35	01051052016	-
20	48	84	17	104	B 35	01051052020	-
25	58.5	101	16	165	B	01051052025	-
32	68	126	23	277	C 48	01051052032	-
40	95	149	27	622	C 18	01051052040	-
50	95	157	31	630	C 18	01051052050	-
63	115	190	38	1080	C 10	01051052063	-
75	151	216	44	2120	C 4	01051052075	-
90	185	249	51	3250	C 3	01051052090	-
110	185	266	61	3270	C 3	01051052110	-

Dimension key: d = Ø exterior do tubo (mm), I = Profundidade de encaixe (mm), L = Comprimento (mm)

02.44a 4 Way Manifold

PVC-U	Solvent weld / fusion	2 references	1 with CAD file
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d	d1	d2	d3	d4	I	I1	I2	I3	L	L1	L2	H	M	Weight (g)	Pack	REF.	3D
90	63	63	50	-	51.5	38	38	31	614	165	289	94	90	3460	E 4	01051394089	sim
90	75	63	50	90	51.5	38	38	31	614	165	289	94	105	3580	E 4	01051394090	-

Dimension key: d = Ø exterior do tubo (mm), d1 = Ø exterior do tubo (2.ª saída) (mm), d2 = Ø exterior do tubo (3.ª saída) (mm), d3 = Ø exterior do tubo (4.ª saída) (mm), d4 = Ø exterior do tubo (5.ª saída), I = Profundidade de encaixe (mm), I1 = Profundidade de encaixe (2) (mm), I2 = Profundidade de encaixe (3) (mm), I3 = Profundidade de encaixe (4) (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm), L2 = Comprimento (3) (mm)

02.44b 5 Way Manifold

PVC-U	Solvent weld / fusion	2 references	1 with CAD file
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d	d1	d2	d3	d4	I	I1	I2	I3	L	L1	L2	H	M	Weight (g)	Pack	REF.	3D
90	63	63	50	-	51.5	38	38	31	743	165	289	94	90	4260	E 4	01051395089	sim
90	75	63	50	90	51.5	38	38	31	743	165	289	94	105	4380	E 4	01051395090	-

Dimension key: d = Ø exterior do tubo (mm), d1 = Ø exterior do tubo (2.ª saída) (mm), d2 = Ø exterior do tubo (3.ª saída) (mm), d3 = Ø exterior do tubo (4.ª saída) (mm), d4 = Ø exterior do tubo (5.ª saída), I = Profundidade de encaixe (mm), I1 = Profundidade de encaixe (2) (mm), I2 = Profundidade de encaixe (3) (mm), I3 = Profundidade de encaixe (4) (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm), L2 = Comprimento (3) (mm)

02.44c Extension for manifold

PVC-U	Solvent weld / fusion	1 references
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d	d1	I	I1	L	L1	Weight (g)	Pack	REF.	3D
90	50	94	31.5	129	51	1030	C 12	01051351090	-

Dimension key: d = Ø exterior do tubo (mm), d1 = Ø exterior do tubo (2.ª saída) (mm), I = Profundidade de encaixe (mm), I1 = Profundidade de encaixe (2) (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm)

03.05 Elbow 90°

PVC-U

Connection: not defined

15 references

15 with CAD file

d	G	D	I	I1	Z	Z1	Weight (g)	Pack	REF.	3D
20	"1/2	30	27	27	11	11	26	B 120	01101002005	sim
25	"1/2	30	29	33	13	14	28	B 90	01101002006	sim
25	"3/4	37	33	33	15	14	48	B 70	01101002007	sim
32	"1/2	30	33	39	17	16.5	40	B 60	01101002050	sim
32	"3/4	37	35	39	17	16.5	48	B 50	01101002051	sim
32	1 "	45	38	38	20	20	74	B 40	01101002008	sim
40	1 "	45	44	47	24	20	85	B 35	01101002052	sim
40	1"1/4	53	49	47	26	20	109	B 25	01101002009	sim
50	1"1/4	53	55	57	32	25	125	B 15	01101002012	sim
50	1"1/2	64	60	57	37	25	203	B 15	01101002013	sim
63	1"1/2	76	68	72	45	34	263	B 10	01101002014	sim
63	2 "	76	73	72	46	34	308	B 10	01101002015	sim
75	2"1/2	87.5	82	82	52	38	335	B 6	01101002020	sim
90	3 "	105	97	97	67	46	620	C 12	01101002030	sim
110	4 "	132	121	121	82	58	1260	C 5	01101002040	sim

Dimension key: d = Ø exterior do tubo (mm), G = Rosca (in), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm), I1 = Profundidade de encaixe (2) (mm)

03.06 Elbow 90° female/male

PVC-U

Connection: not defined

9 references

2 with CAD file

d	G	I	Z	I1	Z1	Weight (g)	Pack	REF.	3D
32	"3/4	43	20	48	30	42	B 50	01101210007	-
32	1"	43	20	49	30	40	B 40	01101210008	sim
32	1"1/4	39	16	45	24	45	B 40	01101210009	-
40	1"1/4	47	21	48	21	71	B 35	01101210010	-
40	1"1/2	47	21	49	22	72	B 35	01101210013	-
50	1"1/4	57	26	55.5	21	105	B 20	01101210011	-
50	1"1/2	57	26	57	22.5	105	B 20	01101210014	-
50	2"	57	26	60.5	26	124	B 15	01101210015	sim
63	2"	70	32	68	26	195	B 10	01101210017	-

Dimension key: d = Ø exterior do tubo (mm), G = Rosca (in), I = Profundidade de encaixe (mm), I1 = Profundidade de encaixe (2) (mm)

03.07 Tee 90°

PVC-U	Connection: not defined	30 references	30 with CAD file
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d	G	D	D1	I	I1	Z	Weight (g)	Pack	REF.	3D
20	"1/2	26	30	27	27	11	25	B 70	01101004004	sim
25	"1/2	33	30	33	28	14	41	B 50	01101004005	sim
25	"3/4	33	37	33	33	14	49	B 40	01101004006	sim
32	"1/2	42	30	39	35	17	70	B 30	01101004050	sim
32	"3/4	42	37	39	37	17	76	B 30	01101004051	sim
32	1 "	42	45	38	38	17	85	B 30	01101004007	sim
40	"1/2	49	30	47	41	21	95	B 25	01101004055	sim
40	"3/4	49	37	47	43	21	100	B 25	01101004056	sim
40	1 "	49	45	47	45	21	110	B 25	01101004057	sim
40	1" 1/4	49	53	47	48	21	117	B 20	01101004008	sim
50	"1/2	60	30	57	50	26	155	B 14	01101004060	sim
50	"3/4	60	37	57	52	26	160	B 14	01101004061	sim
50	1 "	60	45	57	54	26	170	B 14	01101004062	sim
50	1" 1/4	60	53	57	57	26	175	B 14	01101004063	sim
50	1" 1/2	60	64	57	57	26	206	B 12	01101004009	sim
63	"1/2	76	30	72	61	44	303	B 8	01101004065	sim
63	"3/4	76	37	72	63	44	310	B 8	01101004066	sim
63	1"	76	45	72	65	44	320	B 8	01101004067	sim
63	1" 1/4	76	53	72	68	44	325	B 8	01101004068	sim
63	1" 1/2	76	64	72	68	44	350	B 8	01101004010	sim
63	2 "	76	76	72	72	44	380	B 8	01101004011	sim
75	1" 1/2	92	65	84	75	40	564	B 3	01101004012	sim
75	2" 1/2	88.5	88.5	82	82	38	510	B 3	01101004030	sim
90	1" 1/2	110	65	99	84	48	865	C 8	01101004013	sim
90	3 "	105	105	97	97	46	780	C 9	01101004040	sim
110	1" 1/2	132	65	119	86	58	1432	C 5	01101004014	sim
110	2 "	132	76	119	86	58	1440	C 5	01101004015	sim
110	2" ½	132	92	119	102	58	1480	C 5	01101004016	sim
110	3 "	132	110	119	109	58	1603	C 4	01101004017	sim
110	4 "	132	132	119	119	58	1640	C 4	01101004018	sim

Dimension key: d = Ø exterior do tubo (mm), G = Rosca (in), D = Ø exterior do acessório (mm), D1 = Ø exterior do acessório (2) (mm), I = Profundidade de encaixe (mm), I1 = Profundidade de encaixe (2) (mm)

03.08 Socket female/female

PVC-U	Connection: not defined	9 references	6 with CAD file
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d	G	S	I	Z	Weight (g)	Pack	REF.	3D
20	"1/2	32	36	4	20	B 130	01101007005	sim
25	"3/4	38	41	4	27	B 90	01101007006	sim

d	G	S	I	Z	Weight (g)	Pack	REF.	3D
32	1 "	45,5	47,5	4,5	44	B 50	01101007007	sim
40	1"1/4	55	50	7	71	B 40	01101007008	-
50	1"1/2	64	58.5	3.5	111	B 30	01101007009	sim
63	2 "	76	67	3.5	149	B 18	01101007010	sim
75	2"1/2	92	82	7	195	B 9	01101007011	-
90	3"	112	93	8	350	B 6	01101007012	sim
110	4 "	130	110	8	555	C 12	01101007013	-

Dimension key: d = Ø exterior do tubo (mm), G = Rosca (in), I = Profundidade de encaixe (mm)

03.09 Tee 90° F/M

PVC-U	Connection: not defined	7 references	7 with CAD file
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d	G	D	I	Z	I1	Z1	Weight (g)	Pack	REF.	3D
20	"1/2	26	28	11	31	16	23	B 100	01101310004	sim
20	"3/4	26	28	11	35	19	25	B 90	01101310005	sim
25	"1/2	33	33	14	36	21	43	B 60	01101310008	sim
25	"3/4	33	33	14	38.5	22.5	45	B 50	01101310009	sim
25	1"	33	33	14	41.5	22.5	46	B 50	01101310010	sim
32	"3/4	64	64	50	50	28	60	B 30	01101310014	sim
32	1"	77	65	72	65	34	61	B 30	01101310015	sim

Dimension key: d = Ø exterior do tubo (mm), G = Rosca (in), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm), I1 = Profundidade de encaixe (2) (mm)

03.10 Reducer female/male

PVC-U	Connection: not defined	9 references	1 with CAD file
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d	G	I	Z	S	Weight (g)	Pack	REF.	3D
20	"1/2	39	24	32	11	A 50	01101006005	-
25	"3/4	42	23	33	19	B 120	01101006007	-
32	1 "	49	26	46	31	B 60	01101006009	-
40	1"1/4	52	26	52	51	B 50	01101006011	-
50	1 "	57	26	62	77	B 35	01101006014	-
50	1"1/2	61	30	62	79	B 35	01101006015	-
63	1 "	62	26	72	94	C 100	01101006016	-
63	1"1/2	64	28	72	97	C 100	01101006017	-
63	2 "	68	32	72	116	C 120	01101006019	sim

Dimension key: d = Ø exterior do tubo (mm), G = Rosca (in), I = Profundidade de encaixe (mm)

03.11 Short reducer male/female

PVC-U	Connection: not defined	21 references	21 with CAD file
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d	G	I	Z	Z1	S	Weight (g)	Pack	REF.	3D
16	"1/4	20	14	6	18	4	A 200	01101212001	sim
20	"1/4	23	16.5	9	22	7	A 100	01101212003	sim

d	G	I	Z	Z1	S	Weight (g)	Pack	REF.	3D
20	"3/8	23	16.5	9	22	6	A 100	01101212004	sim
25	"3/8	26.5	19	13	27	13	A 50	01101212005	sim
25	"1/2	26.5	19	9.5	27	9	A 50	01101212006	sim
32	"1/2	30.5	22.5	13.5	36	24	B 150	01101212009	sim
32	"3/4	30.5	22.5	12	36	17	B 150	01101212010	sim
40	"1/2	37.5	26.5	18.5	46	38	B 70	01101212013	sim
40	"3/4	37.5	26.5	18.5	46	38	B 70	01101212014	sim
40	1"	37.5	26.5	14.5	46	29	B 70	01101212015	sim
50	"1/4	42.5	31.5	28	52	57	B 60	01101212029	sim
50	"3/8	42.5	31.5	28	52	57	B 60	01101212030	sim
50	"1/2	42.5	31.5	22.5	52	57	B 60	01101212016	sim
50	"3/4	42.5	31.5	22.5	52	57	B 60	01101212017	sim
50	1"	42.5	31.5	22.5	52	57	B 60	01101212018	sim
50	1"1/4	42.5	31.5	19.5	52	43	B 60	01101212019	sim
63	"1/2	50	38	33	65	95	B 30	01101212020	sim
63	"3/4	50	38	32	65	95	B 30	01101212021	sim
63	1"	50	38	30	65	95	B 30	01101212022	sim
63	1"1/4	50	38	27	65	90	B 30	01101212023	sim
63	1"1/2	50	38	27	65	85	B 30	01101212024	sim

Dimension key: d = Ø exterior do tubo (mm), G = Rosca (in), I = Profundidade de encaixe (mm)

03.12 Multiple reducer female/male/male

PVC-U	Connection: not defined	36 references	13 with CAD file
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d	d1	G	I	Z	S	Weight (g)	Pack	REF.	3D
16	20	1/4"	36	21	22	8	B 200	01101081062	-
16	20	"3/8	36	21	22	8	B 200	01101081061	-
16	20	"1/2	40	26	26	11	B 200	01101081060	-
16	20	"3/4	42	28	29	15	B 180	01101081002	-
20	25	"1/2	42	25	26	13	B 200	01101081001	-
20	25	"3/4	43	27	30	16	B 150	01101081051	-
25	32	"1/2	45.5	26.5	33	22	B 120	01101081004	-
25	32	"3/4	47	28.5	33	23	B 120	01101081003	-
25	32	1 "	50	31	35	27	B 90	01101081052	sim
32	40	"1/2	51	28	44	34	B 60	01101081053	-
32	40	"3/4	52	29	44	34	B 60	01101081005	-
32	40	1 "	55	33	41	38	B 60	01101081006	sim
32	40	1"1/4	57	35	44	45	B 50	01101081054	sim
40	50	1 "	62	36	51	60	C 170	01101081007	-
40	50	1"1/4	65	39	52.5	64	C 150	01101081008	sim
40	50	1"1/2	65	39	51	68	C 140	01101081010	-

d	d1	G	I	Z	S	Weight (g)	Pack	REF.	3D
50	63	1 "	69	31	64	105	C 120	01101081055	-
50	63	1"1/4	72	40	64	112	C 120	01101081011	-
50	63	1"1/2	72	40	66	113	C 120	01101081012	sim
50	63	2 "	76	44	66	135	C 80	01101081015	sim
63	75	1"1/4	77	39	77	158	C 80	01101081056	-
63	75	1"1/2	77	39	77	156	C 80	01101081057	sim
63	75	2 "	81	42	77	156	C 80	01101081058	-
63	75	2"1/2	84	46	77	171	C 57	01101081059	-
75	90	2 "	93	49	95	255	C 48	01101081016	sim
75	90	2"1/2	97	53	95	262	C 36	01101081017	sim
75	90	3 "	100	56	95	262	C 36	01101081022	sim
90	110	2"1/2	107	56	116	461	C 50	01101081024	sim
90	110	3 "	110	59	116	450	C 20	01101081028	sim
90	110	4 "	116	65	116	480	C 16	01101081030	-
110	125	2"1/2	115	54	130	500	C 18	01101081035	-
110	125	3 "	118	57	130	522	C 18	01101081036	-
110	125	4 "	124	63	130	517	C 12	01101081038	sim
140	160	2"1/2	134	57	165	950	E 15	01101081048	-
140	160	3 "	137	60	165	962	E 15	01101081049	-
140	160	4 "	143	66	165	995	E 15	01101081050	-

Dimension key: d = Ø exterior do tubo (mm), d1 = Ø exterior do tubo (2.ª saída) (mm), G = Rosca (in), I = Profundidade de encaixe (mm)

03.14 Multiple reducer female/male/female

PVC-U Connection: not defined 28 references 16 with CAD file

d	d1	G	I	Z	S	Weight (g)	Pack	REF.	3D
16	20	3/8"	32,5	6	24	9	B 250	01101008001	sim
16	20	1/2"	38,5	10	32	19	B 150	01101008002	sim
16	25	"1/2	41	12	32	25	B 130	01101008004	-
20	25	"1/2	41	11	32	20	B 130	01101008005	sim
20	25	"3/4	45	10	38	29	B 100	01101008006	-
20	25	1"	45	9	46	40	B 60	01101008070	-
25	32	"1/2	45	10	32	27	B 100	01101008007	sim
25	32	"3/4	47	10	38	34	B 100	01101008008	sim
25	32	1"	48	10	46	45	B 60	01101008074	sim
25	32	1"1/4	50	10	53	56	B 50	01101008075	-
32	40	"3/4	51	10	41	40	B 60	01101008010	-
32	40	1"	52	9	46	48	B 60	01101008011	-
32	40	1"1/4	54	8	53	60	B 50	01101008009	sim
32	40	1"1/2	59	13	65	97	B 30	01101008012	sim
40	50	"3/4	57	15	38	60	B 60	01101008024	sim

d	d1	G	I	Z	S	Weight (g)	Pack	REF.	3D
40	50	1"	61	15	46	70	B 50	01101008025	sim
40	50	1"1/4	55	7	53	65	B 40	01101008026	-
40	50	1"1/2	64	14	65	108	C 100	01101008027	sim
40	50	2"	66	11	78	133	C 80	01101008028	-
50	63	1" ½	69	11	65	128	C 96	01101008036	sim
50	63	2"	71	11	78	154	C 80	01101008037	sim
50	63	2" ½	80	11	92	206	C 60	01101008038	sim
63	75	2"	76	11	78	170	C 60	01101008045	sim
63	75	2" ½	87	13	92	214	C 36	01101008046	-
63	75	3"	91	19.5	112	325	C 35	01101008047	-
75	90	2" ½	95	18	92	260	C 36	01101008051	-
75	90	3"	98	21	112	370	C 24	01101008052	sim
90	110	3"	107	22	112	500	C 16	01101008055	-

Dimension key: d = Ø exterior do tubo (mm), d1 = Ø exterior do tubo (2.ª saída) (mm), G = Rosca (in), I = Profundidade de encaixe (mm)

03.16 Union

PVC-U	Connection: not defined	30 references	6 with CAD file
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d	G	G1	D	D1	I1	I2	Z1	Z2	Weight (g)	Pack	REF.	3D
20	"1/2	40x10	46	28	26	20	10	3	49	B 60	01101114005	sim
25	"3/4	47x10	56	36	28	23	10	3	85	B 40	01101114006	sim
32	1"	53x8	67	42	30	26	10	3	123	B 30	01101114007	sim
40	1 "1/4	66x8	82	52	41	31	13	3	201	C 60	01101114008	sim
50	1 "1/2	74x8	88	63	45	35	14	3	262	C 45	01101114009	sim
63	2"	90x8	106	77	52	42	14	3	437	C 30	01101114010	sim

Dimension key: d = Ø exterior do tubo (mm), G = Rosca (in), G1 = Rosca (2.ª saída), D = Ø exterior do acessório (mm), D1 = Ø exterior do acessório (2) (mm), I1 = Profundidade de encaixe (2) (mm), I2 = Profundidade de encaixe (3) (mm)

Union nuts

d	G	I	D	Weight (g)	Pack	REF.	3D
" 1/2	40 x 10	22	46	21	-	01011118012	-
"3/4	47 x 10	26	56	35	-	01011118034	-
1"	53 x 8	28	67	56	-	01011118100	-
1" 1/4	66 x 8	30	82	86	-	01011118114	-
1" 1/2	74 x 8	31	88	90	-	01011118150	-
2"	90 x 8	38	106	151	-	01011118200	-

Dimension key: d = Ø exterior do tubo (mm), G = Rosca, I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

Union ends

d	A	D	I	Z	Weight (g)	Pack	REF.	3D
20	36	28	20	3	11	-	01051116020	-
25	43	36	23	3	20	-	01051116025	-
32	50	42	26	3	26	-	01051116032	-

d	A	D	I	Z	Weight (g)	Pack	REF.	3D
40	63	52	31	3	43	-	01051116040	-
50	69	63	35	3	59	-	01051116050	-
63	83	77	42	3	96	-	01051116063	-

Dimension key: d = Ø exterior do tubo (mm), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm)

Union bushes

G	G1	I	Z	E	F	H	D	Weight (g)	Pack	REF.	3D
" 1/2	40 x 10	26	10	28,4	4,3	2,5	28	19	-	01011117012	-
"3/4	47 x 10	28	10	35,5	4,8	2,5	36	30	-	01011117034	-
1"	53 x 8	30	10	39,6	4,6	2,5	42	41	-	01011117100	-
1" 1/4	66 x 8	41	13	51,8	7	4	52	72	-	01011117114	-
1" 1/2	74 x 8	45	22	57	7	4	63	110	-	01011117150	-
2"	90 x 8	52	18	70	7	4	77	183	-	01011117200	-

Dimension key: G = Rosca (in), G1 = Rosca (2.ª saída), I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

O' ring gaskets

D	d	I	Weight (g)	Pack	REF.	3D
28,86	21,80	3,53	-	-	40908093011	-
35,23	28,17	3,53	-	-	40908093014	-
39,96	32,92	3,53	-	-	40908093016	-
51,30	40,64	5,33	-	-	40908093018	-
57,65	46,99	5,33	-	-	40908093024	-
70,36	59,70	5,33	-	-	40908093030	-

Dimension key: D = Ø exterior do acessório (mm), d = Ø exterior do tubo (mm), I = Profundidade de encaixe (mm)

03.17 Union female/male

PVC-U	Connection: not defined	30 references	6 with CAD file
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d	G	G1	D	I	Z	I1	Z1	S	Weight (g)	Pack	REF.	3D
20	"1/2	40x10	46	26	10	36	21	22	56	B 60	01101207005	sim
25	"3/4	47x10	56	28	10	40	24	28	88	B 30	01101207006	sim
32	1"	53x8	67	30	10	45	26	36	133	B 30	01101207007	sim
40	1 "1/4	66x8	82	41	13	48	27	46	216	C 60	01101207008	sim
50	1 "1/2	74x8	88	45	14	52	30	50	277	C 45	01101207009	sim
63	2"	90x8	106	52	14	61	35	65	467	C 24	01101207010	sim

Dimension key: d = Ø exterior do tubo (mm), G = Rosca (in), G1 = Rosca (2.ª saída), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm), I1 = Profundidade de encaixe (2) (mm)

Union nuts

d	G	I	D	Weight (g)	Pack	REF.	3D
" 1/2	40 x 10	22	46	21	-	01011118012	-
"3/4	47 x 10	26	56	35	-	01011118034	-
1"	53 x 8	28	67	56	-	01011118100	-
1" 1/4	66 x 8	30	82	86	-	01011118114	-

d	G	I	D	Weight (g)	Pack	REF.	3D
1" 1/2	74 x 8	31	88	90	-	01011118150	-
2"	90 x 8	38	106	151	-	01011118200	-

Dimension key: d = Ø exterior do tubo (mm), G = Rosca, I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

Male union ends

G	I	A	S	Z	Weight (g)	Pack	REF.	3D
" 1/2	36	36	22	21	14	-	01011204012	-
"3/4	40	43	28	24	24	-	01011204034	-
1"	45	50	36	26	37	-	01011204100	-
1" 1/4	48	63	46	27	58	-	01011204114	-
1" 1/2	52	69	50	30	74	-	01011204150	-
2"	61	83	65	35	137	-	01011204200	-

Dimension key: G = Rosca (in), I = Profundidade de encaixe (mm)

Union bushes

d	G	I	Z	E	F	H	D	Weight (g)	Pack	REF.	3D
20	40x10	26	10	28.4	4.3	2.5	28	19	-	01051117020	-
25	47x10	28	10	35.5	4.8	2.5	36	30	-	01051117025	-
32	53x8	30	10	39.6	4.6	2.5	42	41	-	01051117032	-
40	66x8	41	13	51.8	7	4	52	72	-	01051117040	-
50	74x8	45	14	57	7	4	63	95	-	01051117050	-
63	90x8	52	14	70	7	4	77	153	-	01051117063	-

Dimension key: d = Ø exterior do tubo (mm), G = Rosca, I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

O' ring gaskets

D	d	I	Weight (g)	Pack	REF.	3D
28,86	21,80	3,53	-	-	40908093011	-
35,23	28,17	3,53	-	-	40908093014	-
39,96	32,92	3,53	-	-	40908093016	-
51,30	40,64	5,33	-	-	40908093018	-
57,65	46,99	5,33	-	-	40908093024	-
70,36	59,70	5,33	-	-	40908093030	-

Dimension key: D = Ø exterior do acessório (mm), d = Ø exterior do tubo (mm), I = Profundidade de encaixe (mm)

03.18 Union F/M/F

PVC-U	Connection: not defined	30 references
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d	d1	G	D	G1	I1	I2	Z1	Z2	Weight (g)	Pack	REF.	3D
16	20	"½	46	40x10	33	20	17	3	56	B 60	01101320003	-
20	25	"¾	56	47x10	37	23	18	3	90	B 40	01101320006	-
25	32	1"	67	53x8	42	26	19	3	140	B 30	01101320009	-
32	40	1"¼	82	66x8	49	31	22	3	202	B 18	01101320012	-
40	50	1"½	88	74x8	57	35	25	10	276	C 48	01101320015	-

d	d1	G	D	G1	I1	I2	Z1	Z2	Weight (g)	Pack	REF.	3D
50	63	2"	106	90x8	65	42	27	14	464	C 25	01101320019	-

Dimension key: d = Ø exterior do tubo (mm), d1 = Ø exterior do tubo (2.ª saída) (mm), G = Rosca (in), D = Ø exterior do acessório (mm), G1 = Rosca (2.ª saída), I1 = Profundidade de encaixe (2) (mm), I2 = Profundidade de encaixe (3) (mm)

Union nuts

d	G	I	D	Weight (g)	Pack	REF.	3D
" 1/2	40 x 10	22	46	21	-	01011118012	-
"3/4	47 x 10	26	56	35	-	01011118034	-
1"	53 x 8	28	67	56	-	01011118100	-
1" 1/4	66 x 8	30	82	86	-	01011118114	-
1" 1/2	74 x 8	31	88	90	-	01011118150	-
2"	90 x 8	38	106	151	-	01011118200	-

Dimension key: d = Ø exterior do tubo (mm), G = Rosca, I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

Union ends

G	I	A	D	Z	Weight (g)	Pack	REF.	3D
" 1/2	20	36	28	3	11	-	01011116012	-
"3/4	23	43	36	3	20	-	01011116034	-
1"	26	50	42	3	26	-	01011116100	-
1" 1/4	31	63	52	3	43	-	01011116114	-
1" 1/2	35	69	63	10	70	-	01011116150	-
2"	42	83	77	14	120	-	01011116200	-

Dimension key: G = Rosca (in), I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

Union bushes M/F

d	d1	I	G	Z	Z1	F	H	E	Weight (g)	Pack	REF.	3D
20	16	33	40x10	17	19	4.3	2.5	28.4	20	-	01051317003	-
25	20	37	47x10	18	21	4.8	2.5	35.5	30	-	01051317006	-
32	25	42	53x8	19	23	4.6	2.5	39.6	46	-	01051317009	-
40	32	49	66x8	22	26	7	4	51.8	73	-	01051317012	-
50	63	57	74x8	25	29	7	4	57	110	-	01051317015	-
63	50	65	90x8	27	34	7	4	70	183	-	01051317019	-

Dimension key: d = Ø exterior do tubo (mm), d1 = Ø exterior do tubo (2.ª saída) (mm), I = Profundidade de encaixe (mm), G = Rosca

O' ring gaskets

D	d	I	Weight (g)	Pack	REF.	3D
28,86	21,80	3,53	-	-	40908093011	-
35,23	28,17	3,53	-	-	40908093014	-
39,96	32,92	3,53	-	-	40908093016	-
51,30	40,64	5,33	-	-	40908093018	-
57,65	46,99	5,33	-	-	40908093024	-
70,36	59,70	5,33	-	-	40908093030	-

Dimension key: D = Ø exterior do acessório (mm), d = Ø exterior do tubo (mm), I = Profundidade de encaixe (mm)

03.19 Union F/M/M

PVC-U

Connection: not defined

30 references

d	d1	G	S	G1	I1	I2	Z1	Z2	Weight (g)	Pack	REF.	3D
16	20	"½	22	40x10	33	36	17	21	56	B 60	01101321003	-
20	25	"¾	28	47x10	37	40	18	24	90	B 40	01101321006	-
25	32	1"	36	53x8	42	45	19	26	140	B 25	01101321009	-
32	40	1"¼	46	66x8	49	48	22	27	218	B 15	01101321012	-
40	50	1"½	50	74x8	57	52	25	30	280	C 48	01101321015	-
50	63	2"	65	90x8	65	61	27	35	476	C 22	01101321019	-

Dimension key: d = Ø exterior do tubo (mm), d1 = Ø exterior do tubo (2.ª saída) (mm), G = Rosca (in), G1 = Rosca (2.ª saída), I1 = Profundidade de encaixe (2) (mm), I2 = Profundidade de encaixe (3) (mm)

d	G	I	D	Weight (g)	Pack	REF.	3D
" 1/2	40 x 10	22	46	21	-	01011118012	-
"3/4	47 x 10	26	56	35	-	01011118034	-
1"	53 x 8	28	67	56	-	01011118100	-
1" 1/4	66 x 8	30	82	86	-	01011118114	-
1" 1/2	74 x 8	31	88	90	-	01011118150	-
2"	90 x 8	38	106	151	-	01011118200	-

Dimension key: d = Ø exterior do tubo (mm), G = Rosca, I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

G	I	A	S	Z	Weight (g)	Pack	REF.	3D
" 1/2	36	36	22	21	14	-	01011204012	-
"3/4	40	43	28	24	24	-	01011204034	-
1"	45	50	36	26	37	-	01011204100	-
1" 1/4	48	63	46	27	58	-	01011204114	-
1" 1/2	52	69	50	30	74	-	01011204150	-
2"	61	83	65	35	137	-	01011204200	-

Dimension key: G = Rosca (in), I = Profundidade de encaixe (mm)

d	d1	I	G	Z	Z1	F	H	E	Weight (g)	Pack	REF.	3D
20	16	33	40x10	17	19	4.3	2.5	28.4	20	-	01051317003	-
25	20	37	47x10	18	21	4.8	2.5	35.5	30	-	01051317006	-
32	25	42	53x8	19	23	4.6	2.5	39.6	46	-	01051317009	-
40	32	49	66x8	22	26	7	4	51.8	73	-	01051317012	-
50	63	57	74x8	25	29	7	4	57	110	-	01051317015	-
63	50	65	90x8	27	34	7	4	70	183	-	01051317019	-

Dimension key: d = Ø exterior do tubo (mm), d1 = Ø exterior do tubo (2.ª saída) (mm), I = Profundidade de encaixe (mm), G = Rosca

D	d	I	Weight (g)	Pack	REF.	3D
28,86	21,80	3,53	-	-	40908093011	-
35,23	28,17	3,53	-	-	40908093014	-
39,96	32,92	3,53	-	-	40908093016	-

D	d	I	Weight (g)	Pack	REF.	3D
51,30	40,64	5,33	-	-	40908093018	-
57,65	46,99	5,33	-	-	40908093024	-
70,36	59,70	5,33	-	-	40908093030	-

Dimension key: D = Ø exterior do acessório (mm), d = Ø exterior do tubo (mm), I = Profundidade de encaixe (mm)

03.20 Union for pool F/F

PVC-U	Connection: not defined	46 references	9 with CAD file
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d	G	G1	D	D1	I1	I2	Z1	Z2	Fig.	PN	Weight (g)	Pack	REF.	3D
20	"½	1"	40	27	20	27	3	10	A	10	33	B 100	01101278005	sim
25	"¾	1" ¼	51	35	23	29	3	10	A	10	62	B 40	01101278006	sim
32	1"	1" ½	57	41	27	31	3	10	A	10	79	B 30	01101278007	sim
40	1" ¼	2"	71	52	30	41	3	22	A	10	146	C 75	01101278008	sim
50	1" ½	2" ¼	77	59	34	45	3	22	A	10	184	C 60	01101278009	sim
63	2"	2" ¾	93	74	41	52	3	25	A	10	325	C 36	01101278010	sim
75	2" ½	3" ½	115	91	49	57	5	26	A	10	540	C 16	01101278011	sim
90	3"	4"	132	104	59	66	7	31	A	10	750	C 12	01101278012	sim
110	4"	5"	165	129	50	76	15	37	B	10	1200	C 6	01101278013	sim

Dimension key: d = Ø exterior do tubo (mm), G = Rosca (in), G1 = Rosca (2.ª saída) (in), D = Ø exterior do acessório (mm), D1 = Ø exterior do acessório (2) (mm), I1 = Profundidade de encaixe (2) (mm), I2 = Profundidade de encaixe (3) (mm), Fig. = Figura (un), PN = Pressão nominal (bar)

Union nuts for pools

d	G	I	D	Weight (g)	Pack	REF.	3D
" 1/2	1"	20	40	13	-	01011274012	-
"3/4	1" 1/4	23	51	23	-	01011274034	-
1"	1" 1/2	25	57	28	-	01011274100	-
1" 1/4	2"	27	71	47	-	01011274114	-
1" 1/2	2" 1/4	30	77	60	-	01011274150	-
2"	2" 3/4	37	93	97	-	01011274200	-
2" 1/2	3" 1/2	45	115	163	-	01011274250	-
3"	4"	45	132	245	-	01011274300	-
4"	5"	59	165	525	-	01011274400	-

Dimension key: d = Ø exterior do tubo (in), G = Rosca (in), I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

Union ends for pools

d	I	A	D	Z	Weight (g)	Pack	REF.	3D
20	20	29.5	27	3	8	-	01051275020	-
25	23	33	30	3	16	-	01051275025	-
32	26	39	36	3	20	-	01051275032	-
40	30	56	48	3	31	-	01051275040	-
50	34	62	59	3	41	-	01051275050	-
63	41	78	74	3	77	-	01051275063	-
75	49	97	91	5	144	-	01051275075	-

d	I	A	D	Z	Weight (g)	Pack	REF.	3D
90	59	109	104	7	200	-	01051275090	-
110	67	135.5	129	7	337	-	01051275110	-

Dimension key: d = Ø exterior do tubo (mm), I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

Union bushes for pools

G	G1	I	Z	E	F	H	D	Weight (g)	Pack	REF.	3D
" 1/2	1"	27	9	25,4	3	2	27	13	-	01011276012	-
"3/4	1" 1/4	29	9	35,2	4,5	2,5	35	23	-	01011276034	-
1"	1" 1/2	31	9	39,8	4,5	2,5	41	29	-	01011276100	-
1" 1/4	2"	41	22	50,8	7	4	52	58	-	01011276114	-
1" 1/2	2" 1/4	45	22	57	7	4	59	76	-	01011276150	-
2"	2" 3/4	52	25	70	7	4	74	140	-	01011276200	-
2" 1/2	3" 1/2	57	26	85	7	4	91	219	-	01011276250	-
3"	4"	66	31	102	7	4	104	297	-	01011276300	-

Dimension key: G = Rosca (in), G1 = Rosca (2.ª saída) (in), I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

Union ends for pools

G	I	A	D	Z	Weight (g)	Pack	REF.	3D
4"	50	135	129	15	242	-	01011275400	-

Dimension key: G = Rosca (in), I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

Union bushes for pools

d	G	I	Z	E	F	H	D	Weight (g)	Pack	REF.	3D
110	5 "	76	14.5	124	7	4	128	432	-	01051276110	-

Dimension key: d = Ø exterior do tubo (mm), G = Rosca (in), I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

O' ring gaskets

D	d	I	Weight (g)	Pack	REF.	3D
25,64	20,30	2,62	-	-	40908093106	-
35,23	28,17	3,53	-	-	40908093014	-
39,96	32,92	3,53	-	-	40908093016	-
51,30	40,64	5,33	-	-	40908093018	-
57,65	46,99	5,33	-	-	40908093024	-
70,36	59,70	5,33	-	-	40908093030	-
85,29	74,63	5,33	-	-	40908093055	-
102,10	91,44	5,33	-	-	40908093056	-
124,33	113,67	5,33	-	-	40908093057	-

Dimension key: D = Ø exterior do acessório (mm), d = Ø exterior do tubo (mm), I = Profundidade de encaixe (mm)

03.21 Union for pool F/M

PVC-U

Connection: not defined

32 references

7 with CAD file

d	G	G1	D	I	Z	I1	Z1	S	PN	Weight (g)	Pack	REF.	3D
20	½	1"	40	39	25	20	3	22	10	38	B 90	01101279005	sim
25	"¾	1 " ¼	51	43	27	23	3	29	10	62	B 50	01101279006	sim
32	1"	1 " ½	57	49	30	26	3	36	10	79	B 30	01101279007	sim
40	1 "¾	2"	71	52	31	30	3	46	10	161	C 70	01101279008	sim
50	1 "½	2" ¼	77	62	40	34	3	50	10	195	C 60	01101279009	sim
50	2"	2" ¼	77	62	36	34	3	61	10	217	C 50	01101279019	sim
63	2"	2 " ¾	93	68	42	41	3	65	10	336	C 36	01101279010	sim

Dimension key: d = Ø exterior do tubo (mm), G = Rosca (in), G1 = Rosca (2.ª saída) (in), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm), I1 = Profundidade de encaixe (2) (mm), PN = Pressão nominal (bar)

Union nuts for pools

d	G	I	D	Weight (g)	Pack	REF.	3D
" 1/2	1"	20	40	13	-	01011274012	-
"¾	1" 1/4	23	51	23	-	01011274034	-
1"	1" 1/2	25	57	28	-	01011274100	-
1" 1/4	2"	27	71	47	-	01011274114	-
1" 1/2	2" 1/4	30	77	60	-	01011274150	-
2"	2" ¾	37	93	97	-	01011274200	-

Dimension key: d = Ø exterior do tubo (in), G = Rosca (in), I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

Union ends for pools

d	I	A	D	Z	Weight (g)	Pack	REF.	3D
20	20	29.5	27	3	8	-	01051275020	-
25	23	33	30	3	16	-	01051275025	-
32	26	39	36	3	20	-	01051275032	-
40	30	56	48	3	31	-	01051275040	-
50	34	62	59	3	41	-	01051275050	-
63	41	78	74	3	77	-	01051275063	-

Dimension key: d = Ø exterior do tubo (mm), I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

Union bushes for pools

G	G1	I	Z	E	F	H	S	Weight (g)	Pack	REF.	3D
" 1/2	1"	39	25	25,4	3	2	22	15	-	01011303012	-
"¾	1" 1/4	43	27	35,2	4,5	2,5	29	25	-	01011303034	-
1"	1" 1/2	49	30	39,8	4,5	2,5	36	38	-	01011303100	-
1" 1/4	2"	52	31	50,8	7	4	46	66	-	01011303114	-
1" 1/2	2" 1/4	62	40	57	7	4	50	80	-	01011303150	-
2"	2" 1/4	62	36	57	7	4	61	95	-	01011303019	-
2"	2" ¾	68	42	70	7	4	65	155	-	01011303200	-

Dimension key: G = Rosca (in), G1 = Rosca (2.ª saída) (in), I = Profundidade de encaixe (mm)

O' ring gaskets

D	d	I	Weight (g)	Pack	REF.	3D
25,64	20,30	2,62	-	-	40908093106	-
35,23	28,17	3,53	-	-	40908093014	-
39,96	32,92	3,53	-	-	40908093016	-
51,30	40,64	5,33	-	-	40908093018	-
57,65	46,99	5,33	-	-	40908093024	-
70,36	59,70	5,33	-	-	40908093030	-

Dimension key: D = Ø exterior do acessório (mm), d = Ø exterior do tubo (mm), I = Profundidade de encaixe (mm)

03.22 Union for pool F/M with external o'ring

PVC-U	Connection: not defined	12 references	3 with CAD file
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d	G	G1	D	I	Z	I1	Z1	PN	Weight (g)	Pack	REF.	3D
50	1 1/2"	2" 1/4"	77	50	32	34	3	10	193	C 60	01101388009	sim
63	2"	2" 3/4"	93	56	36	41	3	10	324	C 36	01101388010	sim
50	2"	2" 1/4"	77	54	34	34	3	10	217	C 50	01101388019	sim

Dimension key: d = Ø exterior do tubo (mm), G = Rosca (in), G1 = Rosca (2.ª saída) (in), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm), I1 = Profundidade de encaixe (2) (mm), PN = Pressão nominal (bar)

Union nuts for pools

d	G	I	D	Weight (g)	Pack	REF.	3D
1" 1/2"	2" 1/4"	30	77	60	-	01011274150	-
2"	2" 3/4"	37	93	97	-	01011274200	-

Dimension key: d = Ø exterior do tubo (in), G = Rosca (in), I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

Union ends for pools

d	I	A	D	Z	Weight (g)	Pack	REF.	3D
50	34	62	59	3	41	-	01051275050	-
63	41	78	74	3	77	-	01051275063	-

Dimension key: d = Ø exterior do tubo (mm), I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

Union bushes for pools

G	G1	I	Z	E	F	H	Weight (g)	Pack	REF.	3D
1" 1/2"	2" 1/4"	50	32	57	7	4	80	-	01011387150	-
2"	2" 1/4"	54	34	57	7	4	100	-	01011387019	-
2"	2" 3/4"	56	36	70	7	4	138	-	01011387200	-

Dimension key: G = Rosca (in), G1 = Rosca (2.ª saída) (in), I = Profundidade de encaixe (mm)

O' ring gaskets

D	d	I	Weight (g)	Pack	REF.	3D
57,65	46,99	5,33	-	-	40908093024	-
69	59	5	-	-	40908093128	-

Dimension key: D = Ø exterior do acessório (mm), d = Ø exterior do tubo (mm), I = Profundidade de encaixe (mm)

03.23 Union for pool F/M/F

PVC-U	Connection: not defined	30 references	6 with CAD file
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d	d1	G	D	G1	I1	I2	Z1	Z2	PN	Weight (g)	Pack	REF.	3D
16	20	"½	40	1"	33	20	17	4	10	38	B 60	01101323003	sim
20	25	"¾	51	1"¾	37	23	18	7	10	62	B 40	01101323006	sim
25	32	1"	57	1"½	42	27	19	7	10	96	B 30	01101323009	sim
32	40	1"¾	71	2"	49	30	22	7	10	146	B 20	01101323012	sim
40	50	1"½	77	2"¾	57	34	25	11	10	207	C 48	01101323015	sim
50	63	2"	93	2"¾	65	41	27	14	10	359	C 30	01101323019	sim

Dimension key: d = Ø exterior do tubo (mm), d1 = Ø exterior do tubo (2.ª saída) (mm), G = Rosca (in), D = Ø exterior do acessório (mm), G1 = Rosca (2.ª saída) (in), I1 = Profundidade de encaixe (2) (mm), I2 = Profundidade de encaixe (3) (mm), PN = Pressão nominal (bar)

Union nuts for pools

d	G	I	D	Weight (g)	Pack	REF.	3D
" 1/2	1"	20	40	13	-	01011274012	-
"3/4	1" 1/4	23	51	23	-	01011274034	-
1"	1" 1/2	25	57	28	-	01011274100	-
1" 1/4	2"	27	71	47	-	01011274114	-
1" 1/2	2" 1/4	30	77	60	-	01011274150	-
2"	2" 3/4	37	93	97	-	01011274200	-

Dimension key: d = Ø exterior do tubo (in), G = Rosca (in), I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

Union ends for pools

G	I	A	D	Z	Weight (g)	Pack	REF.	3D
" 1/2	20	29,5	27	4	8	-	01011275012	-
"3/4	23	38	35	7	16	-	01011275034	-
1"	26	44	41	7	21	-	01011275100	-
1" 1/4	30	56	52	7	38	-	01011275114	-
1" 1/2	34	62	59	11	54	-	01011275150	-
2"	41	78	74	14	102	-	01011275200	-

Dimension key: G = Rosca (in), I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

Union bushes M/F for pools

d	d1	I	G	Z	Z1	F	H	E	Weight (g)	Pack	REF.	3D
20	16	33	1"	17	19	3	2	25.4	13	-	01051318003	-
25	20	37	1"¾	18	21	4.8	2.5	35.5	24	-	01051318006	-
32	25	42	1"½	19	23	4.8	2.5	39.8	35	-	01051318009	-
40	32	49	2"	22	26	7	4	50.8	58	-	01051318012	-
50	40	57	2"¾	25	29	7	4	57	80	-	01051318015	-
63	50	65	2"¾	27	34	7	4	70	154	-	01051318019	-

Dimension key: d = Ø exterior do tubo (mm), d1 = Ø exterior do tubo (2.ª saída) (mm), I = Profundidade de encaixe (mm), G = Rosca (in)

O' ring gaskets

D	d	I	Weight (g)	Pack	REF.	3D
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D	d	I	Weight (g)	Pack	REF.	3D
25,64	20,30	2,62	-	-	40908093106	-
35,23	28,17	3,53	-	-	40908093014	-
39,96	32,92	3,53	-	-	40908093016	-
51,30	40,64	5,33	-	-	40908093018	-
57,65	46,99	5,33	-	-	40908093024	-
70,36	59,70	5,33	-	-	40908093030	-

Dimension key: D = Ø exterior do acessório (mm), d = Ø exterior do tubo (mm), I = Profundidade de encaixe (mm)

03.24 Union for pool F/M/M

PVC-U	Connection: not defined	30 references
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d	d1	G	S	G1	I1	I2	Z1	Z2	PN	Weight (g)	Pack	REF.	3D
16	20	"½	22	1"	33	36	17	21	10	38	-	01101324003	-
20	25	"¾	28	1"¼	37	40	18	24	10	67	B 60	01101324006	-
25	32	1"	36	1"½	42	45	19	25	10	96	B 30	01101324009	-
32	40	1"¼	46	2"	49	48	22	26	10	161	-	01101324012	-
40	50	1"½	50	2"¾	57	52	25	30	10	222	C 50	01101324015	-
50	63	2"	65	2"¾	65	61	27	35	10	387	C 30	01101324019	-

Dimension key: d = Ø exterior do tubo (mm), d1 = Ø exterior do tubo (2.ª saída) (mm), G = Rosca (in), G1 = Rosca (2.ª saída) (in), I1 = Profundidade de encaixe (2) (mm), I2 = Profundidade de encaixe (3) (mm), PN = Pressão nominal (bar)

Union nuts for pools

d	G	I	D	Weight (g)	Pack	REF.	3D
" 1/2	1"	20	40	13	-	01011274012	-
"3/4	1" 1/4	23	51	23	-	01011274034	-
1"	1" 1/2	25	57	28	-	01011274100	-
1" 1/4	2"	27	71	47	-	01011274114	-
1" 1/2	2" 1/4	30	77	60	-	01011274150	-
2"	2" 3/4	37	93	97	-	01011274200	-

Dimension key: d = Ø exterior do tubo (in), G = Rosca (in), I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

Male union ends for pools

G	I	A	S	Z	Weight (g)	Pack	REF.	3D
" 1/2	36	29.5	22	21	13	-	01011277012	-
" 3/4	40	38	28	24	22	-	01011277034	-
1"	45	44	36	25	34	-	01011277100	-
1" 1/4	48	56	46	26	53	-	01011277114	-
1 " 1/2	52	62	50	30	69	-	01011277150	-
2"	61	78	65	35	131	-	01011277200	-

Dimension key: G = Rosca (in), I = Profundidade de encaixe (mm)

Union bushes M/F for pools

d	d1	I	G	Z	Z1	F	H	E	Weight (g)	Pack	REF.	3D
20	16	33	1"	17	19	3	2	25.4	13	-	01051318003	-

d	d1	I	G	Z	Z1	F	H	E	Weight (g)	Pack	REF.	3D
25	20	37	1"¼	18	21	4.8	2.5	35.5	24	-	01051318006	-
32	25	42	1"½	19	23	4.8	2.5	39.8	35	-	01051318009	-
40	32	49	2"	22	26	7	4	50.8	58	-	01051318012	-
50	40	57	2"¾	25	29	7	4	57	80	-	01051318015	-
63	50	65	2"¾	27	34	7	4	70	154	-	01051318019	-

Dimension key: d = Ø exterior do tubo (mm), d1 = Ø exterior do tubo (2.ª saída) (mm), I = Profundidade de encaixe (mm), G = Rosca (in)

O' ring gaskets

D	d	I	Weight (g)	Pack	REF.	3D
25,64	20,30	2,62	-	-	40908093106	-
35,23	28,17	3,53	-	-	40908093014	-
39,96	32,92	3,53	-	-	40908093016	-
51,30	40,64	5,33	-	-	40908093018	-
57,65	46,99	5,33	-	-	40908093024	-
70,36	59,70	5,33	-	-	40908093030	-

Dimension key: D = Ø exterior do acessório (mm), d = Ø exterior do tubo (mm), I = Profundidade de encaixe (mm)

03.25 PVC Tank adaptor

PVC-U	Connection: not defined	9 references	9 with CAD file
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d	D	d1	G	L	L1	Z	I	S	Weight (g)	Pack	REF.	3D
16	20	14.5	" 1/2	16	33	13	61	25	20	B 150	01101312006	sim
20	25	20	" 3/4	19	42	17	74	32	42	B 70	01101312010	sim
25	32	25	1"	22	45	19	82	40	66	B 40	01101312014	sim
32	40	32	1 " 1/4	26	49	20	92	50	110	C 100	01101312018	sim
40	50	37	1 " 1/2	31	49	23	98	60	188	C 60	01101312020	sim
40	50	40	1 " 3/4	31	49	23	98	60	190	C 60	01101312022	sim
50	63	50	2 "	38	52	25	111	69	240	C 40	01101312026	sim
63	75	63	2"1/2	43.5	52	25	116.5	78	290	C 30	01101312028	sim
75	90	75	3"	51	58	28	130	92	333	C 24	01101312030	sim

Dimension key: d = Ø exterior do tubo (mm), D = Ø exterior do acessório (mm), d1 = Ø exterior do tubo (2.ª saída) (mm), G = Rosca (in), L = Comprimento (mm), L1 = Comprimento (2) (mm), I = Profundidade de encaixe (mm)

03.26 Elbow 90° with mettalic female thread

PVC-U	Threaded	4 references
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d	G	I	I1	Z	Z1	D	D1	Weight (g)	Pack	REF.	3D
20	" 1/2	28	28	12	14	31	36	68	B 90	01101101005	-
20	" 3/4	32	36	16	20	36	43	125	B 50	01101101006	-
25	" 1/2	32	36	14	22	36	43	103	B 50	01101101008	-
25	3/4	32	36	14	20	36	43	113	B 50	01101101009	-

Dimension key: d = Ø exterior do tubo (mm), G = Rosca (in), I = Profundidade de encaixe (mm), I1 = Profundidade de encaixe (2) (mm), D = Ø exterior do acessório (mm), D1 = Ø exterior do acessório (2) (mm)

03.27 Elbow 90° with mettalic male thread

PVC-U Threaded 4 references

d	G	I	I1	Z	Z1	D	D1	Weight (g)	Pack	REF.	3D
20	" 1/2	28	42.5	12	28	31	36	103	B 40	01101154005	-
20	" 3/4	32	48	16	36	36	43	-	-	01101154006	-
25	" 1/2	32	46.5	14	36	36	43	140	B 40	01101154008	-
25	" 3/4	32	48	14	36	36	43	158	B 40	01101154009	-

Dimension key: d = Ø exterior do tubo (mm), G = Rosca (in), I = Profundidade de encaixe (mm), I1 = Profundidade de encaixe (2) (mm), D = Ø exterior do acessório (mm), D1 = Ø exterior do acessório (2) (mm)

03.28 Elbow 90° with mettalic female thread & wall connection

PVC-U Threaded 4 references

d	G	I	I1	Z	Z1	D	D1	Weight (g)	Pack	REF.	3D
20	" 1/2	28	28	12	14	31	36	80	B 40	01101198005	-
20	" 3/4	32	36	16	20	36	43	-	-	01101198006	-
25	" 1/2	32	36	14	22	36	43	116	B 30	01101198008	-
25	" 3/4	32	36	14	20	36	43	128	B 30	01101198009	-

Dimension key: d = Ø exterior do tubo (mm), G = Rosca (in), I = Profundidade de encaixe (mm), I1 = Profundidade de encaixe (2) (mm), D = Ø exterior do acessório (mm), D1 = Ø exterior do acessório (2) (mm)

03.29 Elbow 90° with mettalic male thread & wall connection

PVC-U Threaded 4 references

d	G	I	I1	Z	Z1	D	D1	Weight (g)	Pack	REF.	3D
20	" 1/2	28	42.5	12	28	31	36	-	-	01101199005	-
20	" 3/4	32	48	16	36	36	43	-	-	01101199006	-
25	" 1/2	32	46.5	14	36	36	43	-	-	01101199008	-
25	" 3/4	32	48	14	36	36	43	-	-	01101199009	-

Dimension key: d = Ø exterior do tubo (mm), G = Rosca (in), I = Profundidade de encaixe (mm), I1 = Profundidade de encaixe (2) (mm), D = Ø exterior do acessório (mm), D1 = Ø exterior do acessório (2) (mm)

03.30 Tee 90° with mettalic female thread

PVC-U Threaded 5 references

d	G	I	I1	Z	Z1	D	D1	Weight (g)	Pack	REF.	3D
20	" 1/2	28	28	12	14	31	36	78	B 60	01101100005	-
25	" 1/2	32	36	14	22	36	43.5	114	B 40	01101100008	-
25	" 3/4	32	36	14	20	36	43.5	124	B 40	01101100009	-
32	" 1/2	38	36	18	22	43	36	118	B 30	01101100011	-
32	" 3/4	38	36	18	20	43	43.5	141	B 30	01101100012	-

Dimension key: d = Ø exterior do tubo (mm), G = Rosca (in), I = Profundidade de encaixe (mm), I1 = Profundidade de encaixe (2) (mm), D = Ø exterior do acessório (mm), D1 = Ø exterior do acessório (2) (mm)

03.31 Tee 90° with mettalic male thread

PVC-U Threaded 5 references

d	G	I	I1	Z	Z1	D	D1	Weight (g)	Pack	REF.	3D
20	" 1/2	28	42.5	12	28	31	36	-	-	01101153005	-
25	" 1/2	32	50.5	14	36	36	43.5	150	B 30	01101153008	-
25	" 3/4	32	52	14	36	36	43.5	172	B 30	01101153009	-
32	" 1/2	38	50.5	18	36	43	36	-	-	01101153011	-
32	" 3/4	38	52	18	36	43	43.5	188	B 20	01101153012	-

Dimension key: d = Ø exterior do tubo (mm), G = Rosca (in), I = Profundidade de encaixe (mm), I1 = Profundidade de encaixe (2) (mm), D = Ø exterior do acessório (mm), D1 = Ø exterior do acessório (2) (mm)

03.32 Socket F/F with metallic thread

PVC-U Threaded 6 references

d	G	D	D1	I	Z	Weight (g)	Pack	REF.	3D
20	" 1/2	30	38	36	8	60	B 170	01101102005	-
20	" 3/4	30	45	38	9	85	B 90	01101102006	-
25	" 1/2	36	38	38	8	63	B 80	01101102008	-
25	" 3/4	36	45	41	9	90	B 80	01101102009	-
32	" 1/2	43	38	45	11	75	B 40	01101102011	-
32	" 3/4	43	45	47	12	101	B 40	01101102012	-

Dimension key: d = Ø exterior do tubo (mm), G = Rosca (in), D = Ø exterior do acessório (mm), D1 = Ø exterior do acessório (2) (mm), I = Profundidade de encaixe (mm)

03.33 Socket F/M with metallic thread

PVC-U Threaded 6 references

d	G	D	I	Z	Z1	Weight (g)	Pack	REF.	3D
20	" 1/2	30	38	34	36	-	-	01101191005	-
20	" 3/4	30	45	38	38	-	-	01101191006	-
25	" 1/2	36	38	34	38	-	-	01101191008	-
25	" 3/4	36	45	38	41	-	-	01101191009	-
32	" 1/2	43	38	34	46	113	B 40	01101191011	-
32	" 3/4	43	45	38	48	150	B 40	01101191012	-

Dimension key: d = Ø exterior do tubo (mm), G = Rosca (in), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm)

03.34 Socket M/F with metallic thread

PVC-U Threaded 6 references

d	G	D	I	Z	Z1	Weight (g)	Pack	REF.	3D
20	" 1/2	38	43	24	31	-	-	01101201005	-
20	" 3/4	45	45	27	33	-	-	01101201006	-
25	" 1/2	38	45	24	32	-	-	01101201008	-
25	" 3/4	45	48	27	35	-	-	01101201009	-

d	G	D	I	Z	Z1	Weight (g)	Pack	REF.	3D
32	" 1/2	38	43	24	32	-	-	01101201011	-
32	" 3/4	45	46	27	33	-	-	01101201012	-

Dimension key: d = Ø exterior do tubo (mm), G = Rosca (in), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm)

03.35 Socket M/M with metallic thread

PVC-U Threaded 6 references

d	G	D	I	Z	Z1	Weight (g)	Pack	REF.	3D
20	" 1/2	38	57	39	43	-	-	01101202005	-
20	" 3/4	45	61	43	45	-	-	01101202006	-
25	" 1/2	38	60	39	45	-	-	01101202008	-
25	" 3/4	45	64	43	48	-	-	01101202009	-
32	" 1/2	38	58	39	43	-	-	01101202011	-
32	" 3/4	45	62	43	46	-	-	01101202012	-

Dimension key: d = Ø exterior do tubo (mm), G = Rosca (in), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm)

03.36 Elbow 90° with reinforce ring

PVC-U Connection: not defined 12 references 12 with CAD file

d	G	D	I	I1	Z	Z1	Weight (g)	Pack	REF.	3D
20	"1/2	30	27	27	11	11	31	B 120	01111002005	sim
25	"1/2	30	29	33	13	14	34	B 90	01111002006	sim
25	"3/4	37	33	33	15	14	55	B 70	01111002007	sim
32	"1/2	30	33	39	17	16.5	45	B 60	01111002050	sim
32	"3/4	37	35	39	17	16.5	54	B 50	01111002051	sim
32	1 "	45	38	38	20	20	81	B 40	01111002008	sim
40	1 "	45	44	47	24	20	93	B 35	01111002052	sim
40	1"1/4	53	49	47	26	20	120	B 25	01111002009	sim
50	1"1/4	53	55	57	32	25	136	B 15	01111002012	sim
50	1"1/2	64	60	57	37	25	220	B 15	01111002013	sim
63	1"1/2	76	68	72	45	34	280	B 10	01111002014	sim
63	2 "	76	73	72	46	34	324	B 10	01111002015	sim

Dimension key: d = Ø exterior do tubo (mm), G = Rosca (in), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm), I1 = Profundidade de encaixe (2) (mm)

03.37 Tee 90° with reinforce ring

PVC-U Connection: not defined 25 references 25 with CAD file

d	G	D	D1	I	I1	Z	Weight (g)	Pack	REF.	3D
20	"1/2	26	30	27	27	11	30	B 70	01111004004	sim
25	"1/2	33	30	33	29	14	46	B 50	01111004005	sim
25	"3/4	33	37	33	33	14	59	B 40	01111004006	sim
32	"1/2	42	30	39	35	17	76	B 30	01111004050	sim
32	"3/4	42	37	39	37	17	85	B 30	01111004051	sim

d	G	D	D1	I	I1	Z	Weight (g)	Pack	REF.	3D
32	1 "	45	45	38	38	17	93	B 30	01111004007	sim
40	"1/2	49	30	47	41	21	100	B 25	01111004055	sim
40	"3/4	49	37	47	43	21	106	B 25	01111004056	sim
40	1 "	49	45	47	45	21	117	B 25	01111004057	sim
40	1"1/4	49	53	47	48	21	127	B 20	01111004008	sim
50	"1/2	60	30	57	50	26	155	B 14	01111004060	sim
50	"3/4	60	37	57	52	26	160	B 14	01111004061	sim
50	1 "	60	45	57	54	26	170	B 14	01111004062	sim
50	1"1/4	60	53	57	57	26	175	B 14	01111004063	sim
50	1"1/2	60	65	57	57	26	206	B 12	01111004009	sim
63	"1/2	76	30	72	61	44	308	B 8	01111004065	sim
63	"3/4	76	37	72	63	44	317	B 8	01111004066	sim
63	1"	76	45	72	65	44	328	B 8	01111004067	sim
63	1"1/4	76	53	72	68	44	335	B 8	01111004068	sim
63	1"1/2	76	64	72	68	44	364	B 8	01111004010	sim
63	2"	76	76	72	72	44	400	B 8	01111004011	sim
75	1"1/2	92	65	84	75	40	573	B 3	01111004012	sim
90	1"1/2	110	65	99	84	48	874	C 8	01111004013	sim
110	1"1/2	132	65	119	86	58	1442	C 5	01111004014	sim
110	2"	132	76	119	86	58	1450	C 5	01111004015	sim

Dimension key: d = Ø exterior do tubo (mm), G = Rosca (in), D = Ø exterior do acessório (mm), D1 = Ø exterior do acessório (2) (mm), I = Profundidade de encaixe (mm), I1 = Profundidade de encaixe (2) (mm)

03.38 Socket female/female with reinforce ring

PVC-U Connection: not defined 6 references

d	G	S	I	Z	Weight (g)	Pack	REF.	3D
20	"1/2	32	36	4	25	B 130	01111007005	-
25	"3/4	38	41	4	34	B 90	01111007006	-
32	1 "	45.5	47.5	4.5	53	B 50	01111007007	-
40	1"1/4	55	50	7	80	B 40	01111007008	-
50	1"1/2	64	55	8	125	B 30	01111007009	-
63	2 "	76	69	3	170	B 18	01111007010	-

Dimension key: d = Ø exterior do tubo (mm), G = Rosca (in), I = Profundidade de encaixe (mm)

03.39 Multiple reducer female/male/female with reinforce ring

PVC-U Connection: not defined 21 references

d	d1	G	I	Z	S	Weight (g)	Pack	REF.	3D
16	20	"1/2	38.5	10	32	23	B 150	01111008002	-
16	25	"1/2	41	12	32	34	B 130	01111008004	-
20	25	"1/2	41	11	32	26	B 130	01111008005	-
20	25	"3/4	45	10	38	35	B 100	01111008006	-

d	d1	G	I	Z	S	Weight (g)	Pack	REF.	3D
20	25	1"	45	9	46	47	B 60	01111008070	-
25	32	"1/2	45	10	32	33	B 100	01111008007	-
25	32	"3/4	47	10	38	41	B 100	01111008008	-
25	32	1"	48	10	46	55	B 60	01111008074	-
25	32	1"1/4	50	10	53	68	B 50	01111008075	-
32	40	"3/4	51	10	41	47	B 60	01111008010	-
32	40	1"	52	9	46	60	B 60	01111008011	-
32	40	1"1/4	54	8	53	71	B 50	01111008009	-
32	40	1"1/2	59	13	65	108	B 30	01111008012	-
40	50	"3/4	57	15	38	60	B 60	01111008024	-
40	50	1"	61	15	46	77	B 50	01111008025	-
40	50	1"1/4	55	7	53	75	B 40	01111008026	-
40	50	1"1/2	64	14	65	120	C 100	01111008027	-
40	50	2"	66	11	78	153	C 80	01111008028	-
50	63	1"1/2	69	11	65	145	C 96	01111008036	-
50	63	2"	71	11	78	174	C 60	01111008037	-
63	75	2"	76	11	78	190	C 60	01111008045	-

Dimension key: d = Ø exterior do tubo (mm), d1 = Ø exterior do tubo (2.ª saída) (mm), G = Rosca (in), I = Profundidade de encaixe (mm)

03.05a Elbow 90° air

PVC-U	Connection: not defined	12 references	12 with CAD file
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d	G	D	D1	I	I1	Z	Z1	Weight (g)	Pack	REF.	3D
50	"1/2	62	37	60	44	29	28	190	C 50	01101141011	sim
50	"3/4	62	37	60	44	29	28	185	C 50	01101141012	sim
63	"1/2	77	37	72	50	34	33	308	C 26	01101141014	sim
63	"3/4	77	37	72	50	34	33	306	C 26	01101141015	sim
75	"1/2	87.5	37	82	58	38	41	350	C 18	01101141019	sim
75	"3/4	87.5	37	82	58	38	40	345	C 18	01101141020	sim
90	"3/4	105	45	97	68.5	45.5	50.5	602	C 12	01101141025	sim
90	1"	105	45	97	68.5	45.5	50.5	590	C 12	01101141026	sim
110	1"	129	45	117.5	80	55	60	1100	C 5	01101141031	sim
125	1"	144	45	135	88	66	68	1510	C 4	01101141036	sim
160	2"	186.5	76	167.5	128	81	101	3260	D 5	01101141051	sim
200	2"	231	76	211	140	103	113	5700	D 2	01101141058	sim

Dimension key: d = Ø exterior do tubo (mm), G = Rosca (in), D = Ø exterior do acessório (mm), D1 = Ø exterior do acessório (2) (mm), I = Profundidade de encaixe (mm), I1 = Profundidade de encaixe (2) (mm)

03.41 Sight glass

PVC-U Connection: not defined 10 references

d	G	A	I	L	Weight (g)	Pack	REF.	3D
16	" 3/8	48	84	17	100	B 35	01101052004	-
20	"1/2	48	84	17	95	B 35	01101052005	-
25	"3/4	58.5	101	16	150	B	01101052006	-
32	1"	68	126	23	265	C 48	01101052007	-
40	1" 1/4	95	149	27	600	C 18	01101052008	-
50	1" 1/2	95	157	31	610	C 18	01101052009	-
63	2"	115	190	38	1050	C 10	01101052010	-
75	2" 1/2	151	216	44	2100	C 4	01101052011	-
90	3"	185	249	51	3220	C 3	01101052012	-
110	4"	185	266	61	3250	C 3	01101052013	-

Dimension key: d = Ø exterior do tubo (mm), G = Rosca (in), I = Profundidade de encaixe (mm), L = Comprimento (mm)

03.42 Elbow 90° air with reinforce ring

PVC-U Connection: not defined 12 references

d	G	D	D1	I	I1	Z	Z1	Weight (g)	Pack	REF.	3D
50	"1/2	62	37	60	44	29	28	195	C 50	01111141011	-
50	"3/4	62	37	60	44	29	28	191	C 50	01111141012	-
63	"1/2	77	37	72	50	34	33	313	C 26	01111141014	-
63	"3/4	77	37	72	50	34	33	312	C 26	01111141015	-
75	"1/2	87.5	37	82	58	38	41	355	C 18	01111141019	-
75	"3/4	87.5	37	82	58	38	40	351	C 18	01111141020	-
90	"3/4	105	45	97	68.5	45.5	50.5	608	C 12	01111141025	-
90	1"	105	45	97	68.5	45.5	50.5	597	C 12	01111141026	-
110	1"	129	45	117.5	80	55	60	1107	C 5	01111141031	-
125	1"	144	45	135	88	66	68	1517	C 4	01111141036	-
160	2"	186.5	76	167.5	128	81	101	3280	D 5	01111141051	-
200	2"	231	76	211	140	103	113	5718	D 2	01111141058	-

Dimension key: d = Ø exterior do tubo (mm), G = Rosca (in), D = Ø exterior do acessório (mm), D1 = Ø exterior do acessório (2) (mm), I = Profundidade de encaixe (mm), I1 = Profundidade de encaixe (2) (mm)

04.05 Cement jointing valve

PVC-U

Solvent weld / fusion

14 references

12 with CAD file

D	DN	A	B	H	L	M	S	Z	L1	L2	Weight (g)	Pack	REF.	3D
16	15	48	46	70	84	35	10	44	20	17	127	B 40	01611077016	sim
20	15	48	46	70	84	35	10	44	20	17	127	B 40	01611077020	sim
25	15	48	46	70	88	35	10	44	22	19	127	B 40	01611076025	sim
25	20	58.5	56	85	101	46	13	54	23.5	19	196	C 60	01611075025	sim
25	25	68	71	105	112	54	18	66	23	19	355	C 40	01611077025	sim
32	25	68	71	105	126	54	18	66	30	23	360	C 40	01611077032	sim
40	40	95	93	141	149	65	21	88	30.5	27	815	C 16	01611077040	sim
50	40	95	93	141	157	65	21	88	34.5	31	826	C 16	01611077050	sim
60	50	115	107	164	190	74	23	102	44	38	1390	C 10	01611077060	-
63	50	115	107	164	190	74	23	102	44	38	1382	C 10	01611077063	sim
75	65	151	122	197	214	100	25	116	49	44	2500	C 4	01611077075	sim
85	80	185	148	240	249	123	30	130	59	51	3800	C 3	01611077085	-
90	80	185	148	240	249	123	30	130	59	51	3800	C 3	01611077090	sim
110	80	185	148	240	265	123	30	130	67	61	3820	C 3	01611077110	sim

Dimension key: D = Ø exterior do acessório (mm), DN = Diâmetro nominal (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm), L2 = Comprimento (3) (mm)

04.06 Tapped valve

PVC-U

Threaded

12 references

12 with CAD file

G	DN	A	B	H	L	M	S	Z	L1	L2	Weight (g)	Pack	REF.	3D
"3/8	15	48	46	70	84	35	10	44	20	15	130	B 40	01611077038	sim
"1/2	15	48	46	70	84	35	10	44	20	15	130	B 40	01611077012	sim
"3/4	15	48	46	70	88	35	10	44	22	16	130	B 40	01611076034	sim
"3/4	20	58.5	56	85	101	46	13	54	23.5	16	196	C 60	01611075034	sim
"3/4	25	68	71	105	112	54	18	66	23	16	354	C 40	01611077034	sim
1"	25	68	71	105	126	54	18	66	30	19	360	C 40	01611077100	sim
1"1/4	40	95	93	141	149	65	21	88	30.5	21	817	C 16	01611077114	sim
1"1/2	40	95	93	141	157	65	21	88	34.5	22	854	C 16	01611077150	sim
2"	50	115	107	164	190	74	23	102	44	26	1433	C 10	01611077200	sim
2"1/2	65	151	122	197	214	100	25	116	49	31	2530	C 4	01611077250	sim
3"	80	185	148	240	249	123	30	130	59	35	3860	C 3	01611077300	sim
4"	80	185	148	240	230	123	30	130	50	35	3800	C 3	01611077400	sim

Dimension key: G = Rosca (in), DN = Diâmetro nominal (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm), L2 = Comprimento (3) (mm)

04.07 Cement jointing valve (Teflon-EPDM)

PVC-U	Solvent weld / fusion	13 references	11 with CAD file
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D	DN	A	B	H	L	M	S	Z	L1	L2	Weight (g)	Pack	REF.	3D
16	15	48	46	70	84	35	10	44	20	17	127	B 40	01611299016	sim
20	15	48	46	70	84	35	10	44	20	17	127	B 40	01611299020	sim
25	20	58.5	56	85	101	46	13	54	23.5	19	196	C 60	01611300025	sim
25	25	68	71	105	112	54	18	66	23	19	355	C 40	01611299025	sim
32	25	68	71	105	126	54	18	66	30	23	360	C 40	01611299032	sim
40	40	95	93	141	149	65	21	88	30.5	27	815	C 16	01611299040	sim
50	40	95	93	141	157	65	21	88	34.5	31	826	C 16	01611299050	sim
60	50	115	107	164	190	74	23	102	44	38	1390	C 10	01611299060	-
63	50	115	107	164	190	74	23	102	44	38	1382	C 10	01611299063	sim
75	65	151	122	197	214	100	25	116	49	44	2500	C 4	01611299075	sim
85	80	185	148	240	249	123	30	130	59	51	3800	C 3	01611299085	-
90	80	185	148	240	249	123	30	130	59	51	3800	C 3	01611299090	sim
110	80	185	148	240	265	123	30	130	67	61	3820	C 3	01611299110	sim

Dimension key: D = Ø exterior do acessório (mm), DN = Diâmetro nominal (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm), L2 = Comprimento (3) (mm)

04.08 Tapped valve (Teflon-EPDM)

PVC-U	Threaded	11 references	11 with CAD file
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G	DN	A	B	H	L	M	S	Z	L1	L2	Weight (g)	Pack	REF.	3D
"3/8	15	48	46	70	84	35	10	44	20	15	130	B 40	01611299038	sim
"1/2	15	48	46	70	84	35	10	44	20	15	130	B 40	01611299012	sim
"3/4	20	58.5	56	85	101	46	13	54	23.5	16	196	C 60	01611300034	sim
"3/4	25	68	71	105	112	54	18	66	23	16	354	C 40	01611299034	sim
1"	25	68	71	105	126	54	18	66	30	19	360	C 40	01611299100	sim
1"1/4	40	95	93	141	149	65	21	88	30.5	21	817	C 16	01611299114	sim
1"1/2	40	95	93	141	157	65	21	88	34.5	22	854	C 16	01611299150	sim
2"	50	115	107	164	190	74	23	102	44	26	1433	C 10	01611299200	sim
2"1/2	65	151	122	197	214	100	25	116	49	31	2530	C 4	01611299250	sim
3"	80	185	148	240	249	123	30	130	59	35	3860	C 3	01611299300	sim
4"	80	185	148	240	230	123	30	130	50	35	3800	C 3	01611299400	sim

Dimension key: G = Rosca (in), DN = Diâmetro nominal (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm), L2 = Comprimento (3) (mm)

04.09 Cement jointing valve (Teflon-VITON)

PVC-U	Solvent weld / fusion	13 references	11 with CAD file
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D	DN	A	B	H	L	M	S	Z	L1	L2	Weight (g)	Pack	REF.	3D
16	15	48	46	70	84	35	10	44	20	17	127	B 40	01611296016	sim
20	15	48	46	70	84	35	10	44	20	17	127	B 40	01611296020	sim
25	20	58.5	56	85	101	46	13	54	23.5	19	196	C 60	01611297025	sim

D	DN	A	B	H	L	M	S	Z	L1	L2	Weight (g)	Pack	REF.	3D
25	25	68	71	105	112	54	18	66	23	19	355	C 40	01611296025	sim
32	25	68	71	105	126	54	18	66	30	23	360	C 40	01611296032	sim
40	40	95	93	141	149	65	21	88	30.5	27	815	C 16	01611296040	sim
50	40	95	93	141	157	65	21	88	34.5	31	826	C 16	01611296050	sim
60	50	115	107	164	190	74	23	102	44	38	1390	C 10	01611296060	-
63	50	115	107	164	190	74	23	102	44	38	1382	C 10	01611296063	sim
75	65	151	122	197	214	100	25	116	49	44	2500	C 4	01611296075	sim
85	80	185	148	240	249	123	30	130	59	51	3800	C 3	01611296085	-
90	80	185	148	240	249	123	30	130	59	51	3800	C 3	01611296090	sim
110	80	185	148	240	265	123	30	130	67	61	3820	C 3	01611296110	sim

Dimension key: D = Ø exterior do acessório (mm), DN = Diâmetro nominal (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm), L2 = Comprimento (3) (mm)

04.10 Tapped valve (Teflon-VITON)

PVC-U	Threaded	11 references	11 with CAD file
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G	DN	A	B	H	L	M	S	Z	L1	L2	Weight (g)	Pack	REF.	3D
"3/8	15	48	46	70	84	35	10	44	20	15	130	B 40	01611296038	sim
"1/2	15	48	46	70	84	35	10	44	20	15	130	B 40	01611296012	sim
"3/4	20	58.5	56	85	101	46	13	54	23.5	16	196	C 60	01611297034	sim
"3/4	25	68	71	105	112	54	18	66	23	16	354	C 40	01611296034	sim
1"	25	68	71	105	126	54	18	66	30	19	360	C 40	01611296100	sim
1"1/4	40	95	93	141	149	65	21	88	30.5	21	817	C 16	01611296114	sim
1"1/2	40	95	93	141	157	65	21	88	34.5	22	854	C 16	01611296150	sim
2"	50	115	107	164	190	74	23	102	44	26	1433	C 10	01611296200	sim
2"1/2	65	151	122	197	214	100	25	116	49	31	2530	C 4	01611296250	sim
3"	80	185	148	240	249	123	30	130	59	35	3860	C 3	01611296300	sim
4"	80	185	148	240	230	123	30	130	50	35	3800	C 3	01611296400	sim

Dimension key: G = Rosca (in), DN = Diâmetro nominal (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm), L2 = Comprimento (3) (mm)

04.11 Single union ball valve F/F

PVC-U	Connection: not defined	12 references
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D	DN	A	B	H	L	M	S	L1	L2	Weight (g)	Pack	REF.	3D
20	15	48	46	70	75	35	10	20	17	91	B 45	01691077020	-
25	20	58.5	56	85	90	46	13	23.5	19	140	C 72	01691075025	-
25	25	68	71	105	100	54	18	23	19	264	C 50	01691077025	-
32	25	68	71	105	111	54	18	30	23	273	C 50	01691077032	-
40	40	95	93	141	135	65	21	30.5	27	606	C 20	01691077040	-
50	40	95	93	141	143	65	21	34.5	31	635	C 20	01691077050	-
60	50	115	107	164	172	74	23	44	38	1035	C 12	01691077060	-
63	50	115	107	164	172	74	23	44	38	1028	C 12	01691077063	-
75	65	151	122	197	204	100	25	49	44	1920	C 4	01691077075	-

D	DN	A	B	H	L	M	S	L1	L2	Weight (g)	Pack	REF.	3D
85	80	185	148	240	239	123	30	59	51	3000	C 3	01691077080	-
90	80	185	148	240	239	123	30	59	51	3000	C 3	01691077090	-
110	80	185	148	240	255	123	30	67	61	3140	C 3	01691077110	-

Dimension key: D = Ø exterior do acessório (mm), DN = Diâmetro nominal (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm), L2 = Comprimento (3) (mm)

04.12 Single union ball valve F/F

PVC-U	Connection: not defined	10 references
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G	DN	A	B	H	L	M	S	L1	L2	Weight (g)	Pack	REF.	3D
"1/2	15	48	46	70	64	35	10	20	15	92	B 45	01691077012	-
"3/4	20	58.5	56	85	86	46	13	23.5	16	143	C 72	01691075034	-
"3/4	25	68	71	105	84	54	18	23	16	265	C 50	01691077034	-
1"	25	68	71	105	92	54	18	30	19	273	C 50	01691077100	-
1"1/4	40	95	93	141	116	65	21	30.5	21	620	C 20	01691077114	-
1"1/2	40	95	93	141	122	65	21	34.5	22	652	C 20	01691077150	-
2"	50	115	107	164	143	74	23	44	26	1060	C 12	01691077200	-
2"1/2	65	151	122	197	202	100	25	49	31	1970	C 4	01691077250	-
3"	80	185	148	240	220	123	30	59	35	2950	C 3	01691077300	-
4"	80	185	148	240	203	123	30	50	35	3055	C 3	01691077400	-

Dimension key: G = Rosca (in), DN = Diâmetro nominal (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm), L2 = Comprimento (3) (mm)

04.13 Single union ball valve M/F

PVC-U	Connection: not defined	7 references
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G	DN	A	B	H	L	M	S	L1	L2	Weight (g)	Pack	REF.	3D
"1/2	15	48	46	70	70	35	10	20	15	90	B 45	01731079012	-
"3/4	20	58.5	56	85	94	46	13	23.5	16	140	C 72	01731075034	-
"3/4	25	68	71	105	93	54	18	23	16	272	C 50	01731079034	-
1"	25	68	71	105	99	54	18	30	19	272	C 50	01731079100	-
1"1/4	40	95	93	141	126	65	21	30.5	21	614	C 20	01731079114	-
1"1/2	40	95	93	141	133	65	21	34.5	22	638	C 20	01731079150	-
2"	50	115	107	164	154	74	23	44	26	1065	C 10	01731079200	-

Dimension key: G = Rosca (in), DN = Diâmetro nominal (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm), L2 = Comprimento (3) (mm)

04.14 Union end female

PVC-U	Solvent weld / fusion	13 references	11 with CAD file
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d	A	D	I	Z	Weight (g)	Pack	REF.	3D
16	36	28	20	3	13	A 60	01611131016	sim
20	36	28	20	3	11	A 60	01611131020	sim
25	44	36	23.5	4.5	22	A 40	01611135025	sim
25	50	36	23	4	25	A 30	01611131025	sim
32	50	42	30	7	29	A 20	01611131032	sim

d	A	D	I	Z	Weight (g)	Pack	REF.	3D
40	74.5	52	30.5	3.5	60	B 60	01611131040	sim
50	74.5	63	34.5	3.5	64	B 40	01611131050	sim
60	90	77	44	5	120	B 20	01611131060	-
63	90	77	44	5	117	B 20	01611131063	sim
75	124	91	49	5	220	B 12	01611131075	sim
85	138	111	59	7	392	B 8	01611131085	-
90	138	111	59	7	350	B 8	01611131090	sim
110	135	128.5	67	6	365	B 6	01611131110	sim

Dimension key: d = Ø exterior do tubo (mm), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm)

04.15 Union end female BSP

PVC-U	Threaded	11 references	11 with CAD file
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G	I	A	D	Z	Weight (g)	Pack	REF.	3D
" 3/8	20	36	28	5	13	A 60	01611131038	sim
" 1/2	20	36	28	5	11	A 60	01611131012	sim
" 3/4	23.5	44	36	7.5	22	A 40	01611135034	sim
" 3/4	23	50	36	6	25	A 30	01611131034	sim
1 "	30	50	42	11	28	A 20	01611131100	sim
1 " 1/4	30.5	74.5	52	9.5	58	B 60	01611131114	sim
1 " 1/2	34.5	74.5	63	12.5	76	B 40	01611131150	sim
2 "	44	90	77	18	145	B 20	01611131200	sim
2 " 1/2	49	124	91	18	235	B 12	01611131250	sim
3 "	58	138	111	24	392	B 8	01611131300	sim
4 "	50	135	128.5	15	280	B 6	01611131400	sim

Dimension key: G = Rosca (in), I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

04.16 Male union end

PVC-U	Threaded	7 references	6 with CAD file
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G	I	A	S	Z	Weight (g)	Pack	REF.	3D
" 1/2	36	36	22	21	14	A 50	01611206012	sim
" 3/4	40	43	28	24	24	A 30	01011205034	sim
" 3/4	41.5	50	36	25	34	A 25	01611206034	sim
1 "	45	50	36	26	37	A 15	01611206100	sim
1 " 1/4	48	74.5	50	29	77	B 45	01611206114	-
1 " 1/2	51	74.5	50	30	80	B 30	01611206150	sim
2 "	61	90	65	35	147	B 15	01611206200	sim

Dimension key: G = Rosca (in), I = Profundidade de encaixe (mm)

04.18 Union end for hose nozzle valves

PVC-U	Connection: not defined	1 references
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D1	D2	L	L1	L2	Z	Weight (g)	Pack	REF.	3D
32	38	91	39	39	75	70	B 30	01611451039	-

Dimension key: D1 = Ø exterior do acessório (2) (mm), D2 = Ø exterior do acessório (3) (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm), L2 = Comprimento (3) (mm)

04.17 Male/female union end

PVC-U	Connection: not defined	7 references	7 with CAD file
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d	d1	I	A	Z	Z1	Weight (g)	Pack	REF.	3D
20	16	28	35.5	11	13	10	A 50	01611315003	sim
25	20	28	44	10	11	15	A 30	01611136006	sim
25	20	35	50.5	16	18	20	A 20	01611315006	sim
32	25	35	50.5	12	16	24	A 20	01611315009	sim
40	32	49	74.5	22	26	66	B 30	01611315012	sim
50	40	49	74.5	14	22	78	B 30	01611315015	sim
63	50	55.5	90	17	24	130	B 20	01611315019	sim

Dimension key: d = Ø exterior do tubo (mm), d1 = Ø exterior do tubo (2.ª saída) (mm), I = Profundidade de encaixe (mm)

04.13a Single union ball valve M/F (Teflon-VITON)

PVC-U	Connection: not defined	7 references
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G	DN	A	B	H	L	M	S	L1	L2	Weight (g)	Pack	REF.	3D
"1/2	15	48	46	70	70	35	10	20	15	90	B 45	01731298012	-
"3/4	20	58.5	56	85	94	46	13	23.5	16	140	C 72	01731297034	-
"3/4	25	68	71	105	93	54	18	23	16	272	C 50	01731298034	-
1"	25	68	71	105	99	54	18	30	19	272	C 50	01731298100	-
1"1/4	40	95	93	141	126	65	21	30.5	21	614	C 20	01731298114	-
1"1/2	40	95	93	141	133	65	21	34.5	22	638	C 20	01731298150	-
2"	50	115	107	164	154	74	23	44	26	1065	C 10	01731298200	-

Dimension key: G = Rosca (in), DN = Diâmetro nominal (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm), L2 = Comprimento (3) (mm)

04.19 Nut for valve

PVC-U	Connection: not defined	8 references
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d	G	I	D	Weight (g)	Pack	REF.	3D
16- " 3/8 32- 1"	40 x 10	22	46	21	A 30	01611130020	-
25- "3?4	49 x 10	23	58	30	A 20	01611130025	-
25- "3?4 32- 1"	56 x 8	31	67	56	B 50	01611130032	-
40- 1"1?4 50- 1"1?2	83 x 8	38	95	111	B 24	01611130050	-
63- 2"	99 x 8	45	115	206	B 16	01611130063	-
75- 2"1?2	132 x 5	51	150	362	B 8	01611130075	-
90- 3"	151 x 5	59	174	586	C 14	01611130090	-

d	G	I	D	Weight (g)	Pack	REF.	3D
110- 4"	151 x 5	59	174	578	C 14	01611130110	-

Dimension key: d = Ø exterior do tubo (in), G = Rosca, I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

04.10a Ball valve 50 with hose nozzle

PVC-U	Connection: not defined	1 references
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D1	D2	DN	A	B	H	L	L1	L2	L3	M	S	Z	Weight (g)	Pack	REF.	3D
32	38	40	95	93	141	270	91	39	39	65	21	88	800	C 10	01611458039	-

Dimension key: D1 = Ø exterior do acessório (2) (mm), D2 = Ø exterior do acessório (3) (mm), DN = Diâmetro nominal (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm), L2 = Comprimento (3) (mm), L3 = Comprimento (4) (mm)

04.13b Single union ball valve M with hose nozzle

PVC-U	Connection: not defined	1 references
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G	D1	D2	DN	A	B	H	L	L1	L2	L3	L4	M	S	Weight (g)	Pack	REF.	3D
1"1/2	32	38	40	95	93	141	189.5	19	39	39	22	65	21	613	C 13	01731458039	-

Dimension key: G = Rosca (in), D1 = Ø exterior do acessório (2) (mm), D2 = Ø exterior do acessório (3) (mm), DN = Diâmetro nominal (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm), L2 = Comprimento (3) (mm), L3 = Comprimento (4) (mm)

05.12 PP/PE Ball valve but welding

Material: not defined

Butt fusion

7 references

D	DN	A	B	H	L	M	S	Z	L1	L2	Weight (g)	Pack	REF.	3D
20	15	47	45	69	177	35	10	43	67	52	80	B 20	02812077020	-
25	20	58	55	84	199	45	13	53	73	56	120	C 35	02812075025	-
25	25	67	70	103	211	53	17	65	73	56	224	C 25	02812077025	-
32	25	67	70	103	211	53	17	65	73	56	228	C 25	02812077032	-
40	40	92	92	139	245	64	21	87	79	60	521	C 10	02812077040	-
50	40	92	92	139	263	64	21	87	88	62	529	C 10	02812077050	-
63	50	113	105	162	300	73	23	100	100	75	865	C 6	02812077063	-

Dimension key: D = Ø exterior do acessório (mm), DN = Diâmetro nominal (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm), L2 = Comprimento (3) (mm)

05.13 PP/PE Ball valve but welding TEFLON-EPDM

Material: not defined

Butt fusion

7 references

D	DN	A	B	H	L	M	S	Z	L1	L2	Weight (g)	Pack	REF.	3D
20	15	47	45	69	177	35	10	43	67	52	80	B 20	02812299020	-
25	20	58	55	84	199	45	13	53	73	56	120	C 35	02812300025	-
25	25	67	70	103	211	53	17	65	73	56	224	C 25	02812299025	-
32	25	67	70	103	211	53	17	65	73	56	228	C 25	02812299032	-
40	40	92	92	139	245	64	21	87	79	60	521	C 10	02812299040	-
50	40	92	92	139	263	64	21	87	88	62	529	C 10	02812299050	-
63	50	113	105	162	300	73	23	100	100	75	865	C 6	02812299063	-

Dimension key: D = Ø exterior do acessório (mm), DN = Diâmetro nominal (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm), L2 = Comprimento (3) (mm)

05.14 PP/PE Ball valve but welding TEFLON-VITON

Material: not defined

Butt fusion

7 references

D	DN	A	B	H	L	M	S	Z	L1	L2	Weight (g)	Pack	REF.	3D
20	15	47	45	69	177	35	10	43	67	52	80	B 20	02812296020	-
25	20	58	55	84	199	45	13	53	73	56	120	C 35	02812297025	-
25	25	67	70	103	211	53	17	65	73	56	224	C 25	02812296025	-
32	25	67	70	103	211	53	17	65	73	56	228	C 25	02812296032	-
40	40	92	92	139	245	64	21	87	79	60	521	C 10	02812296040	-
50	40	92	92	139	263	64	21	87	88	62	529	C 10	02812296050	-
63	50	113	105	162	300	73	23	100	100	75	865	C 6	02812296063	-

Dimension key: D = Ø exterior do acessório (mm), DN = Diâmetro nominal (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm), L2 = Comprimento (3) (mm)

05.15 PE union end

PE Butt fusion 7 references 6 with CAD file

d	I	A	S	Z	Weight (g)	Pack	REF.	3D
20	67	36	2.5	52	13	A 30	05615359020	sim
25	73	43	2.5	56	20	A 14	05615360025	-
25	73	50.5	2.5	56	22	A 14	05615359025	sim
32	73	50.5	3	56	26	A 14	05615359032	sim
40	79	73	3.7	60	56	B 30	05615359040	sim
50	88	73	4.6	62	78	B 20	05615359050	sim
63	100	88	5.8	75	133	B 10	05615359063	sim

Dimension key: d = Ø exterior do tubo (mm), I = Profundidade de encaixe (mm)

06.05 Cement jointing valves

PVC-U

Solvent weld / fusion

7 references

d	A	B	E	F	I	L	L1	M	Weight (g)	Pack	REF.	3D
25	65	65	92	54	111	28	25	45	280	C 40	01601077025	-
32	65	65	92	54	111	28	25	45	280	C 40	01601077032	-
40	90	93	131	74	148	36	32	62	642	C 16	01601077040	-
50	90	93	131	74	148	36	32	62	643	C 16	01601077050	-
63	111	111	155	86	168	44	41	62	1010	C 10	01601077063	-
75	168	184	221	140	238	47	43	84	3057	C 3	01601077075	-
90	168	184	221	140	242	55	51	84	3070	C 3	01601077090	-

Dimension key: d = Ø exterior do tubo (mm), I = Profundidade de encaixe (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm)

06.06 Tapped valves

PVC-U

Threaded

7 references

G	A	B	E	F	I	L	L1	M	Weight (g)	Pack	REF.	3D
" 3/4	65	65	92	54	111	28	20	45	280	C 40	01601077034	-
1 "	65	65	92	54	111	28	20	45	280	C 40	01601077100	-
1 " 1/4	90	93	131	74	148	36	23	62	644	C 16	01601077114	-
1 " 1/2	90	93	131	74	148	36	23	62	635	C 16	01601077150	-
2 "	111	111	155	86	168	44	27	62	1100	C 10	01601077200	-
2 " 1/2	168	184	221	140	238	47	43	84	3130	C 3	01601077250	-
3 "	168	184	221	140	242	55	51	84	3200	C 3	01601077300	-

Dimension key: G = Rosca (in), I = Profundidade de encaixe (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm)

07.05 Elbows 90°

PVC-U

Socket with ring

4 references

d	L	Z	Weight (g)	Pack	REF.	3D
63	91	80	686	C 10	01201001063	-
75	104	94	864	C 6	01201001075	-
90	108	110	1400	C 4	01201001090	-
110	115	135	2381	C 2	01201001110	-

Dimension key: d = Ø exterior do tubo (mm), L = Comprimento (mm)

07.06 Tees 90°

PVC-U

Socket with ring

4 references

d	I	I1	L	Z	Z1	Weight (g)	Pack	REF.	3D
63	342	171	91	160	80	985	E 6	01201003063	-
75	396	191	104	188	94	1300	D 5	01201003075	-
90	436	218	108	220	110	1995	D 5	01201003090	-
110	500	250	115	270	135	3381	D 3	01201003110	-

Dimension key: d = Ø exterior do tubo (mm), I = Profundidade de encaixe (mm), I1 = Profundidade de encaixe (2) (mm), L = Comprimento (mm)

07.07 Elbows 45°

PVC-U

Socket with ring

4 references

d	L	I	Weight (g)	Pack	REF.	3D
63	91	152	650	C 12	01201067063	-
75	104	176	867	E 10	01201067075	-
90	108	191	1310	C 4	01201067090	-
110	115	217	2129	C 2	01201067110	-

Dimension key: d = Ø exterior do tubo (mm), L = Comprimento (mm), I = Profundidade de encaixe (mm)

07.08 Cross

PVC-U

Socket with ring

4 references

d	L	Z	I	Weight (g)	Pack	REF.	3D
63	91	160	342	1220	C 4	01201068063	-
75	104	188	396	1530	D 6	01201068075	-
90	108	220	436	2564	D 5	01201068090	-
110	115	270	500	4202	E 5	01201068110	-

Dimension key: d = Ø exterior do tubo (mm), L = Comprimento (mm), I = Profundidade de encaixe (mm)

07.09 Double sockets

PVC-U Socket with ring 4 references

d	I	L	Z	Weight (g)	Pack	REF.	3D
63	280	133	3	470	E 27	01201005063	-
75	211	104	3	430	E 28	01201005075	-
90	220	108	4	536	E 15	01201005090	-
110	234	115	4	900	E 12	01201005110	-

Dimension key: d = Ø exterior do tubo (mm), I = Profundidade de encaixe (mm), L = Comprimento (mm)

07.10 Double socketed sleeve

PVC-U Socket with ring 3 references

d	I	Weight (g)	Pack	REF.	3D
75	211	422	E 28	01201185075	-
90	220	622	E 15	01201185090	-
110	234	918	E 12	01201185110	-

Dimension key: d = Ø exterior do tubo (mm), I = Profundidade de encaixe (mm)

07.11 Male adaptor single socket

PVC-U Socket with ring 4 references

d	I	L	L1	Z	Weight (g)	Pack	REF.	3D
63	137	91	41	46	230	D 90	01201022063	-
75	158	104	45	54	262	D 60	01201022075	-
90	170	108	52	62	408	D 36	01201022090	-
110	192	115	65	77	643	D 24	01201022110	-

Dimension key: d = Ø exterior do tubo (mm), I = Profundidade de encaixe (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm)

07.12 Caps

PVC-U Socket with ring 4 references

d	L	I	Weight (g)	Pack	REF.	3D
63	91	149	316	C 24	01201012063	-
75	104	174	450	C 18	01201012075	-
90	108	187	692	C 9	01201012090	-
110	115	220	1199	C 5	01201012110	-

Dimension key: d = Ø exterior do tubo (mm), L = Comprimento (mm), I = Profundidade de encaixe (mm)

07.13 Reducing tees 90°

PVC-U Socket with ring 6 references

d	d1	I	I1	L	L1	Z	Z1	Weight (g)	Pack	REF.	3D
75	63	396	177	104	91	188	81	1250	C 4	01201004005	-
90	63	436	177	108	91	220	89	1911	E 5	01201004010	-
90	75	436	206	108	104	220	93	1862	-	01201004011	-

d	d1	I	I1	L	L1	Z	Z1	Weight (g)	Pack	REF.	3D
110	63	500	195	115	91	270	99	2792	E 4	01201004013	-
110	75	500	216	115	104	270	103	2868	-	01201004014	-
110	90	500	228	115	108	270	110	3053	E 3	01201004015	-

Dimension key: d = Ø exterior do tubo (mm), d1 = Ø exterior do tubo (2.ª saída) (mm), I = Profundidade de encaixe (mm), I1 = Profundidade de encaixe (2) (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm)

07.14 Reducing bushes

PVC-U Socket with ring 6 references

d	d1	L	L1	I	Weight (g)	Pack	REF.	3D
75	63	158	137	303	725	C 5	01201007019	-
90	63	170	137	310	866	E 10	01201007022	-
90	75	170	158	331	1085	E 10	01201007023	-
110	63	192	137	341	1370	-	01201007024	-
110	75	192	158	362	1493	-	01201007025	-
110	90	192	158	370	1616	-	01201007026	-

Dimension key: d = Ø exterior do tubo (mm), d1 = Ø exterior do tubo (2.ª saída) (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm), I = Profundidade de encaixe (mm)

07.15 Transition reducers female/male

PVC-U Socket with ring 10 references

d	G	L	I	S	Weight (g)	Pack	REF.	3D
63	1"1/2	91	173	72	328	B 6	01201006017	-
63	2"	91	173	72	342	B 4	01201006019	-
75	2"1/2	104	202	95	557	B 2	01201006025	-
75	3"	104	202	95	579	B 2	01201006027	-
90	2"1/2	108	221	116	869	C 6	01201006034	-
90	3"	108	221	116	876	C 6	01201006036	-
90	4"	108	221	116	964	C 6	01201006040	-
110	2"1/2	115	253	130	1141	C 5	01201006047	-
110	3"	115	253	130	1163	C 5	01201006050	-
110	4"	115	253	130	1172	C 5	01201006054	-

Dimension key: d = Ø exterior do tubo (mm), G = Rosca (in), L = Comprimento (mm), I = Profundidade de encaixe (mm)

07.16 Elbows 90° with threaded branch

PVC-U Connection: not defined 1 references

d	G	L	Z	Weight (g)	Pack	REF.	3D
63	2"	91	81	455	C 15	01201024005	-

Dimension key: d = Ø exterior do tubo (mm), G = Rosca (in), L = Comprimento (mm)

07.17 Tees 90° with threaded branch

PVC-U Connection: not defined 6 references

d	G	I	L	Z	Z1	Weight (g)	Pack	REF.	3D
63	1"1/2	342	91	160	40	841	C 9	01201026005	-
63	2"	342	91	160	40	760	C 9	01201026010	-
75	1"1/2	396	104	188	40	1066	-	01201026015	-
90	1"1/2	436	108	220	58	1595	E 5	01201026025	-
110	1"1/2	500	115	270	68	2598	-	01201026030	-
110	2"	500	115	270	68	2606	D 6	01201026031	-

Dimension key: d = Ø exterior do tubo (mm), G = Rosca (in), I = Profundidade de encaixe (mm), L = Comprimento (mm)

07.18 Elbows 90° with branch for solvent welding

PVC-U Socket with ring 4 references

d	d1	I	I1	L	Z	Z1	Weight (g)	Pack	REF.	3D
63	63	171	72	91	80	34	405	-	01201025063	-
75	75	198	84	104	94	40	703	-	01201025075	-
90	90	218	99	108	110	48	1112	-	01201025090	-
110	110	250	119	115	135	58	1798	-	01201025110	-

Dimension key: d = Ø exterior do tubo (mm), d1 = Ø exterior do tubo (2.ª saída) (mm), I = Profundidade de encaixe (mm), I1 = Profundidade de encaixe (2) (mm), L = Comprimento (mm)

07.19 Tees 90° with branch for solvent welding

PVC-U Socket with ring 4 references

d	d1	I	L	Z	Z1	Weight (g)	Pack	REF.	3D
63	63	342	91	160	34	688	-	01201027063	-
75	75	396	104	188	40	1098	-	01201027075	-
90	90	436	108	220	48	1698	-	01201027090	-
110	110	500	115	270	58	2798	-	01201027110	-

Dimension key: d = Ø exterior do tubo (mm), d1 = Ø exterior do tubo (2.ª saída) (mm), I = Profundidade de encaixe (mm), L = Comprimento (mm)

07.20 Reducing tees 90° with branch for solvent welding

PVC-U Socket with ring 10 references

d	d1	I	L	Z	Z1	Weight (g)	Pack	REF.	3D
63	50	342	91	160	34	767	-	01201028005	-
75	50	396	104	188	40	1047	-	01201028010	-
75	63	396	104	188	40	1050	-	01201028015	-
90	50	436	108	220	48	1595	-	01201028020	-
90	63	436	108	220	48	1570	-	01201028025	-
90	75	436	108	220	48	1611	C 2	01201028030	-
110	50	500	115	270	65	2583	-	01201028035	-
110	63	500	115	270	58	2592	-	01201028036	-

d	d1	I	L	Z	Z1	Weight (g)	Pack	REF.	3D
110	75	500	115	270	58	2617	-	01201028037	-
110	90	500	115	270	58	2688	-	01201028038	-

Dimension key: d = Ø exterior do tubo (mm), d1 = Ø exterior do tubo (2.ª saída) (mm), I = Profundidade de encaixe (mm), L = Comprimento (mm)

07.21 Elbows 45° with branch for solvent welding

PVC-U Socket with ring 4 references

d	L	I	Weight (g)	Pack	REF.	3D
63	91	152	385	C 12	01201087063	-
75	104	176	581	C 6	01201087075	-
90	108	191	849	-	01201087090	-
110	115	217	1546	-	01201087110	-

Dimension key: d = Ø exterior do tubo (mm), L = Comprimento (mm), I = Profundidade de encaixe (mm)

07.22 Elbows 90° flanged

PVC-U Flanged 4 references

d	L	I	I1	Weight (g)	Pack	REF.	3D
63	91	171	113	821	C 10	01201063005	-
75	104	198	131	1253	C 6	01201063010	-
90	108	218	155	1867	C 4	01201063015	-
110	115	250	185	2829	-	01201063020	-

Dimension key: d = Ø exterior do tubo (mm), L = Comprimento (mm), I = Profundidade de encaixe (mm), I1 = Profundidade de encaixe (2) (mm)

07.23 Tees 90° flanged

PVC-U Flanged 4 references

d	I	I1	L	Z	Weight (g)	Pack	REF.	3D
63	342	113	91	160	1104	-	01201029063	-
75	396	131	104	188	1648	-	01201029075	-
90	436	155	108	220	2353	-	01201029090	-
110	500	185	115	270	3829	-	01201029110	-

Dimension key: d = Ø exterior do tubo (mm), I = Profundidade de encaixe (mm), I1 = Profundidade de encaixe (2) (mm), L = Comprimento (mm)

07.24 Reducing tees 90° flanged

PVC-U Flanged 10 references

d	d1	I	I1	L	Z	Weight (g)	Pack	REF.	3D
63	50	342	99	91	160	1057	-	01201030005	-
75	50	396	108	104	188	1337	-	01201030010	-
75	63	396	119	104	188	1466	D 4	01201030011	-
90	50	436	117	108	220	1885	-	01201030020	-
90	63	436	127	108	220	1986	-	01201030025	-
90	75	436	139	108	220	2161	E 2	01201030030	-

d	d1	I	I1	L	Z	Weight (g)	Pack	REF.	3D
110	50	500	130	115	270	2873	D 4	01201030035	-
110	63	500	137	115	270	3008	D 4	01201030036	-
110	75	500	149	115	270	3167	D 4	01201030037	-
110	90	500	165	115	270	3443	D 4	01201030038	-

Dimension key: d = Ø exterior do tubo (mm), d1 = Ø exterior do tubo (2.ª saída) (mm), I = Profundidade de encaixe (mm), I1 = Profundidade de encaixe (2) (mm), L = Comprimento (mm)

07.25 Flanged adaptor

PVC-U Flanged 4 references

d	I	L	Weight (g)	Pack	REF.	3D
63	141	91	612	C 10	01201023063	-
75	161	104	786	C 7	01201023075	-
90	175	108	1070	C 4	01201023090	-
110	197	115	1589	C 3	01201023110	-

Dimension key: d = Ø exterior do tubo (mm), I = Profundidade de encaixe (mm), L = Comprimento (mm)

07.26 Elbows 45° flanged

PVC-U Flanged 4 references

d	L	I	I1	Weight (g)	Pack	REF.	3D
63	91	152	94	801	-	01201088063	-
75	104	176	109	1131	-	01201088075	-
90	108	191	128	1604	-	01201088090	-
110	115	217	152	2577	-	01201088110	-

Dimension key: d = Ø exterior do tubo (mm), L = Comprimento (mm), I = Profundidade de encaixe (mm), I1 = Profundidade de encaixe (2) (mm)

07.27 Gaskets

Material: not defined Socket with ring 4 references

d	D	I	Weight (g)	Pack	REF.	3D
63	82	17	22	-	08208093063	-
75	98	18	38	-	08208093075	-
90	113	20	43	-	08208093090	-
110	135	20	58	-	08208093110	-

Dimension key: d = Ø exterior do tubo (mm), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm)

08.05 Bend 87°30'

PVC-U

Connection: not defined

7 references

de	L	L1	Z1	Z2	Weight (g)	Pack	REF.	3D
32	38	42	17	22	48	200	01251031032	-
40	47	44	22	27	76	100	01251031040	-
50	54	55	25	35	107	100	01251031050	-
75	60	56	45	50	205	60	01251031075	-
90	65	57	49	60	295	30	01251031090	-
110	68	61	60	72	440	20	01251031110	-
125	75	68	68	73	476	15	01251031125	-

Dimension key: de = Ø exterior (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm)

08.06 Bend 45°

PVC-U

Connection: not defined

7 references

de	L	L1	Z1	Z2	Weight (g)	Pack	REF.	3D
32	43	42	7	14	47	200	01251032032	-
40	47	44	8	15	63	100	01251032040	-
50	49	46	9	16	83	100	01251032050	-
75	60	52	18	18	150	80	01251032075	-
90	65	57	23	25	230	40	01251032090	-
110	71	64	23	30	320	25	01251032110	-
125	76	68	30	35	384	20	01251032125	-

Dimension key: de = Ø exterior (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm)

08.07 Single branch 87°30'

PVC-U

Connection: not defined

7 references

1 with CAD file

de	I	L	L1	Z1	Z2	Weight (g)	Pack	REF.	3D
32	121	41	43	19	18	73	100	01251033032	-
40	140	47	44	22	27	110	120	01251033040	-
50	166	51	50	25	33	170	80	01251033050	sim
75	198	57	59	35	48	300	40	01251033075	-
90	260	70	68	62	60	430	20	01251033090	-
110	277	71	64	72	72	620	13	01251033110	-
125	283	75	66	69	73	640	10	01251033125	-

Dimension key: de = Ø exterior (mm), I = Profundidade de encaixe (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm)

08.08 Reducing single branch 87°30'

PVC-U Connection: not defined 3 references

de	de1	I	L	L1	L2	Z	Z1	Z2	Weight (g)	Pack	REF.	3D
90	40	206	71	72	50	37	25	56	308	35	01251084010	-
90	50	206	71	72	54	37	25	56	310	30	01251084011	-
110	90	266	71	74	71	61	60	75	550	15	01251084015	-

Dimension key: de = Ø exterior (mm), de1 = Ø exterior (2.ª saída) (mm), I = Profundidade de encaixe (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm), L2 = Comprimento (3) (mm)

08.09 Fork 45°

PVC-U Connection: not defined 7 references 3 with CAD file

de	I	L	L1	Z	Weight (g)	Pack	REF.	3D
32	130	43	50	37	82	100	01251083032	-
40	162	49	54	59	140	80	01251083040	sim
50	184	53	58	73	186	60	01251083050	-
75	229	58	63	108	336	30	01251083075	-
90	277	70	77	130	490	18	01251083090	sim
110	301	70	70	161	652	12	01251083110	sim
125	318	73	94	151	844	8	01251083125	-

Dimension key: de = Ø exterior (mm), I = Profundidade de encaixe (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm)

08.10 Reducing fork 45°

PVC-U Connection: not defined 9 references 1 with CAD file

de	de1	L	L1	L2	I	Weight (g)	Pack	REF.	3D
75	50	56	50	52	184	240	50	01251196009	-
90	50	63	52	58	194	290	20	01251196011	-
110	40	68	48	60	205	380	25	01251196012	-
110	50	68	48	60	205	400	25	01251196013	-
110	75	68	57	60	262	536	18	01251196014	-
110	90	68	63	60	262	570	15	01251196015	-
125	75	73	58	94	318	685	12	01251196019	-
125	90	73	64	94	318	722	10	01251196020	sim
125	110	73	67	94	318	775	10	01251196021	-

Dimension key: de = Ø exterior (mm), de1 = Ø exterior (2.ª saída) (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm), L2 = Comprimento (3) (mm), I = Profundidade de encaixe (mm)

08.11 Reducing pipe

PVC-U Connection: not defined 9 references 1 with CAD file

de1	de2	I	L	L1	Z	Weight (g)	Pack	REF.	3D
40	32	61	42	31	-	35	400	01251036003	-
50	32	104	42	46	16	60	120	01251036004	sim

de1	de2	I	L	L1	Z	Weight (g)	Pack	REF.	3D
50	40	116	50	53	13	76	100	01251036005	-
75	40	135	53	53	29	120	120	01251036008	-
75	50	99	43	53	3	116	150	01251036009	-
90	50	157	54	71	32	160	75	01251036011	-
90	75	131	54	58	19	187	80	01251036012	-
110	75	151	52	65	34	246	50	01251036014	-
110	90	145	63	61	21	200	50	01251036015	-

Dimension key: de1 = Ø exterior (2.ª saída) (mm), de2 = Ø exterior (3.ª saída) (mm), I = Profundidade de encaixe (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm)

08.12 Reducing

PVC-U	Connection: not defined	2 references	2 with CAD file
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de1	de2	I	L	L1	Z	Weight (g)	Pack	REF.	3D
40	32	78	35	37	6	44	250	01251180003	sim
50	40	83	37	39	7	56	150	01251180005	sim

Dimension key: de1 = Ø exterior (2.ª saída) (mm), de2 = Ø exterior (3.ª saída) (mm), I = Profundidade de encaixe (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm)

08.13 Reducing elbow 87°30'

PVC-U	Connection: not defined	1 references
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de	de1	L	L1	Z	Z1	Weight (g)	Pack	REF.	3D
40	32	39	43	15	20	54	200	01251031005	-

Dimension key: de = Ø exterior (mm), de1 = Ø exterior (2.ª saída) (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm)

08.14 Double socketed sleeve

PVC-U	Connection: not defined	7 references	2 with CAD file
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d	I	Weight (g)	Pack	REF.	3D
32	86	35	C 160	01251185032	-
40	90	60	C 100	01251185040	sim
50	88	96	C 72	01251185050	-
75	106	154	C 80	01251185075	-
90	127	225	D 50	01251185090	sim
110	125	300	D 30	01251185110	-
125	133	300	D 24	01251185125	-

Dimension key: d = Ø exterior do tubo (mm), I = Profundidade de encaixe (mm)

08.15 Socket

PVC-U	Connection: not defined	7 references	2 with CAD file
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d	I	L	Z	Weight (g)	Pack	REF.	3D
32	86	41	4	49	C 160	01251005032	-
40	90	43	4	66	C 100	01251005040	sim

d	I	L	Z	Weight (g)	Pack	REF.	3D
50	88	42	4	100	C 72	01251005050	-
75	106	51	4	157	C 80	01251005075	-
90	127	62	3	235	D 50	01251005090	sim
110	125	61	3	310	D 30	01251005110	-
125	133	65	3	310	D 24	01251005125	-

Dimension key: d = Ø exterior do tubo (mm), I = Profundidade de encaixe (mm), L = Comprimento (mm)

08.16 Syphon Ø90

PVC-U	Connection: not defined	1 references
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de	de1	I	L	L1	Weight (g)	Pack	REF.	3D
40	50	80	46	26	200	60	01251070005	-

Dimension key: de = Ø exterior (mm), de1 = Ø exterior (2.ª saída) (mm), I = Profundidade de encaixe (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm)

08.17 Syphon Ø110

PVC-U	Connection: not defined	2 references
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de	de1	I	L	L1	Weight (g)	Pack	REF.	3D
40	50	80	42	47	237	30	01251070010	-
40	50	115	42	47	280	24	01251070011	-

Dimension key: de = Ø exterior (mm), de1 = Ø exterior (2.ª saída) (mm), I = Profundidade de encaixe (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm)

08.18 Syphon Ø125 short bottom

PVC-U	Connection: not defined	2 references
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de	de1	L	L1	Z	Z1	I	Weight (g)	Pack	REF.	3D
40	50	36	45	69	51	120	580	15	01251236003	-
40	75	36	50	69	51	120	577	15	01251236006	-

Dimension key: de = Ø exterior (mm), de1 = Ø exterior (2.ª saída) (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm), I = Profundidade de encaixe (mm)

08.19 Syphon Ø125 long bottom

PVC-U	Connection: not defined	1 references
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de	de1	L	L1	Z	Z1	I	Weight (g)	Pack	REF.	3D
40	75	36	50	89	71	160	664	12	01251237007	-

Dimension key: de = Ø exterior (mm), de1 = Ø exterior (2.ª saída) (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm), I = Profundidade de encaixe (mm)

08.20 Plug

PVC-U	Connection: not defined	1 references
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de	I	Weight (g)	Pack	REF.	3D
40	35	15	C 400	01251011040	-

Dimension key: de = Ø exterior (mm), I = Profundidade de encaixe (mm)

08.21 Syphon blade

PVC-U	Connection: not defined	1 references	1 with CAD file
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D	Weight (g)	Pack	REF.	3D
125	-	E 250	01251238125	sim

Dimension key: D = Ø exterior do acessório (mm)

08.22 Syphonage bend

PVC-U	Connection: not defined	1 references	1 with CAD file
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D	Weight (g)	Pack	REF.	3D
40	-	E 140	01251239040	sim

Dimension key: D = Ø exterior do acessório (mm)

08.23 Thread ring for syphon

PVC-U	Threaded	3 references
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G	D	I	Weight (g)	Pack	REF.	3D
79x3.18	90	14	40	C 180	01251072005	-
100x3.18	110	21	57	C 100	01251072010	-
119x3.5	125	28	67	C 60	01251072015	-

Dimension key: G = Rosca, D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm)

08.24 Thread ring for pipe

PVC-U	Threaded	2 references
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G	D	I	Weight (g)	Pack	REF.	3D
79x3.18	90	17	32	C 180	01251280090	-
100x3.18	110	21	43	C 100	01251280110	-

Dimension key: G = Rosca, D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm)

08.25 WC outlet elbow

PVC-U	Connection: not defined	1 references	1 with CAD file
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d1	de2	L	L1	Z1	Z2	Weight (g)	Pack	REF.	3D
110	90	56	173	55	58	400	20	01251076090	sim

Dimension key: d1 = Ø exterior do tubo (2.ª saída) (mm), de2 = Ø exterior (3.ª saída) (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm)

08.26 WC outlet

PVC-U

Connection: not defined

1 references

de1	de2	I	L	Weight (g)	Pack	REF.	3D
110	90	126	63	126	60	01251082090	-

Dimension key: de1 = Ø exterior (2.ª saída) (mm), de2 = Ø exterior (3.ª saída) (mm), I = Profundidade de encaixe (mm), L = Comprimento (mm)

08.27 Screw cap - ABS

ABS

Threaded

1 references

Ø	Weight (g)	Pack	REF.	3D
125	-	-	40254203125	-

Dimension key: Ø = Diâmetro (mm)

08.28 Screw cap - INOX

PVC-U

Threaded

3 references

Ø	Weight (g)	Pack	REF.	3D
90	-	80	40259203090	-
110	-	50	40259203110	-
125	-	40	40259203125	-

Dimension key: Ø = Diâmetro (mm)

08.29 Syphon adjustable cap

PVC-U

Connection: not defined

2 references

Ø	Weight (g)	Pack	REF.	3D
110	-	-	40252265110	-
125	-	-	40252265125	-

Dimension key: Ø = Diâmetro (mm)

08.30 Ring - INOX

PVC-U

Connection: not defined

3 references

Ø	Weight (g)	Pack	REF.	3D
90	-	-	40259228090	-
110	-	-	40259228110	-
125	-	-	40259228125	-

Dimension key: Ø = Diâmetro (mm)

09.05 Elbows 90°

PP-R

Solvent weld / fusion

6 references

d	D	I	Z	Weight (g)	Pack	REF.	3D
20	30	28	12	19	B 100	02052001020	-
25	36	32	14	28	B 60	02052001025	-
32	43	38	18	43	B 40	02052001032	-
40	53	42.5	21.5	72	C 100	02052001040	-
50	64	50.5	26.5	114	C 60	02052001050	-
63	80	61	33	204	C 30	02052001063	-

Dimension key: d = Ø exterior do tubo (mm), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm)

09.06 Tees 90°

PP-R

Solvent weld / fusion

6 references

d	D	I	Z	Weight (g)	Pack	REF.	3D
20	30	28	12	25	B 70	02052003020	-
25	36	32	14	36	B 40	02052003025	-
32	43	38	18	55	B 20	02052003032	-
40	53	42.5	21.5	93	C 70	02052003040	-
50	64	50.5	26.5	146	C 40	02052003050	-
63	80	61	33	286	C 30	02052003063	-

Dimension key: d = Ø exterior do tubo (mm), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm)

09.07 Bends 90° female/female

PP-R

Solvent weld / fusion

3 references

d	D	I	Z	Weight (g)	Pack	REF.	3D
20	30	56	40	24	B 80	02052159020	-
25	36	65.5	48.5	38	B 50	02052159025	-
32	43	78	58.5	62	B 25	02052159032	-

Dimension key: d = Ø exterior do tubo (mm), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm)

09.08 Bends 90° male/female

PP-R

Solvent weld / fusion

3 references

d	D	I	Z	Weight (g)	Pack	REF.	3D
20	30	56	40	19	B 100	02052160020	-
25	36	65.5	48.5	32	B 50	02052160025	-
32	43	78	58.5	56	B 25	02052160032	-

Dimension key: d = Ø exterior do tubo (mm), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm)

09.09 Elbows 45°

PP-R

Solvent weld / fusion

6 references

d	D	I	Z	Weight (g)	Pack	REF.	3D
20	30	21	5	16	B 120	02052067020	-
25	36	24	6	23	B 70	02052067025	-
32	43	28	8	35	B 50	02052067032	-
40	53	31	10	58	C 120	02052067040	-
50	64	36	12	86	C 70	02052067050	-
63	80	42.5	14.5	154	C 30	02052067063	-

Dimension key: d = Ø exterior do tubo (mm), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm)

09.10 Crossovers

PP-R

Solvent weld / fusion

3 references

d	D	I	Z	Z1	Weight (g)	Pack	REF.	3D
20	30	168	135	27.5	47	B 40	02052156020	-
25	36	203	171	36.5	78	B 20	02052156025	-
32	43	243	207	47.5	139	B 10	02052156032	-

Dimension key: d = Ø exterior do tubo (mm), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm)

09.11 Reducing tees 90°

PP-R

Solvent weld / fusion

3 references

d	d1	D	D1	I	I1	Z	Z1	Weight (g)	Pack	REF.	3D
25	20	36	30	32	30	16	14	35	B 50	02052004002	-
32	20	43	30	38	36	18	20	54	B 30	02052004004	-
32	25	43	36	38	36	18	18	55	B 30	02052004005	-

Dimension key: d = Ø exterior do tubo (mm), d1 = Ø exterior do tubo (2.ª saída) (mm), D = Ø exterior do acessório (mm), D1 = Ø exterior do acessório (2) (mm), I = Profundidade de encaixe (mm), I1 = Profundidade de encaixe (2) (mm)

09.12 Sockets

PP-R

Solvent weld / fusion

6 references

6 with CAD file

d	D	I	Z	Weight (g)	Pack	REF.	3D
20	30	35	3	14	B 150	02052005020	sim
25	36	39	3	20	B 100	02052005025	sim
32	43	43	3	28	B 60	02052005032	sim
40	53	45	3	39	C 180	02052005040	sim
50	64	51	3	57	C 120	02052005050	sim
63	80	59	3	105	C 75	02052005063	sim

Dimension key: d = Ø exterior do tubo (mm), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm)

09.13 Reducing sockets male/female

PP-R Solvent weld / fusion 14 references 14 with CAD file

d	d1	D	Z	I	Weight (g)	Pack	REF.	3D
25	20	30	37	21	12	B 150	02052006005	sim
32	20	30	43	27	16	B 100	02052006006	sim
32	25	36	43	25	20	B 90	02052006007	sim
40	20	30	24.5	42.5	19	B 130	02052006015	sim
40	25	36	26	44	22	B 120	02052006016	sim
40	32	43	28	46	29	C 300	02052006017	sim
50	20	30	27	48	32	C 170	02052006020	sim
50	25	36	28.5	49.5	34	C 220	02052006021	sim
50	32	43	30.5	51.5	38	C 180	02052006022	sim
50	40	54	33	54	51	C 170	02052006023	sim
63	25	36	33	60	59	C 150	02052006027	sim
63	32	43	33	60	64	C 150	02052006028	sim
63	40	54	34	61	66	C 120	02052006029	sim
63	50	64	37	64	84	C 90	02052006030	sim

Dimension key: d = Ø exterior do tubo (mm), d1 = Ø exterior do tubo (2.ª saída) (mm), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm)

09.14 Reducing sockets female/female

PP-R Solvent weld / fusion 15 references 15 with CAD file

d	d1	I	Z	D	D1	Weight (g)	Pack	REF.	3D
25	20	37	3	36	30	17	B 150	02052007002	sim
32	20	39	3	43	30	21	B 100	02052007004	sim
32	25	41	3	43	36	25	B 90	02052007005	sim
40	20	40.5	4.5	53	30	32	C 280	02052007015	sim
40	25	42	4.5	53	36	33	B 80	02052007016	sim
40	32	44	4.5	53	43	-	C 220	02052007017	sim
50	20	46	6.5	64	30	50	C 170	02052007020	sim
50	25	47	6.5	64	36	50	C 220	02052007021	sim
50	32	49	6.5	64	43	54	C 150	02052007022	sim
50	40	51	6	64	53	57	C 110	02052007023	sim
63	20	51	7.5	80	30	93	C 80	02052007026	sim
63	25	52	7.5	80	36	93	C 80	02052007027	sim
63	32	54	7.5	80	43	94	C 80	02052007028	sim
63	40	56	7	80	53	96	C 80	02052007029	sim
63	50	59	7	80	64	98	C 80	02052007030	sim

Dimension key: d = Ø exterior do tubo (mm), d1 = Ø exterior do tubo (2.ª saída) (mm), I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm), D1 = Ø exterior do acessório (2) (mm)

09.15 Reducing sockets female/male

PP-R Solvent weld / fusion 12 references 12 with CAD file

d	d1	D	I	Z	Weight (g)	Pack	REF.	3D
40	20	53	45.5	24.5	32	C 240	02052081015	sim
40	25	53	47	26	34	C 240	02052081016	sim
40	32	53	48	27	36	B 60	02052081017	sim
50	20	64	53	29	51	C 220	02052081020	sim
50	25	64	53.5	29.5	54	B 40	02052081021	sim
50	32	64	55	31	56	B 40	02052081022	sim
50	40	64	56.5	32.5	-	-	02052081023	sim
63	20	80	59.5	31.5	-	-	02052081026	sim
63	25	80	61	33	-	-	02052081027	sim
63	32	80	62	34	100	C 150	02052081028	sim
63	40	80	64	36	-	-	02052081029	sim
63	50	80	66	38	-	-	02052081030	sim

Dimension key: d = Ø exterior do tubo (mm), d1 = Ø exterior do tubo (2.ª saída) (mm), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm)

09.16 Caps

PP-R Solvent weld / fusion 6 references 6 with CAD file

d	D	I	Weight (g)	Pack	REF.	3D
20	30	27	10	B 200	02052012020	sim
25	36	30	18	B 140	02052012025	sim
32	43	34	24	B 90	02052012032	sim
40	53	30	30	C 300	02052012040	sim
50	64	37	48	C 200	02052012050	sim
63	80	44	93	C 100	02052012063	sim

Dimension key: d = Ø exterior do tubo (mm), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm)

09.17 Unions

PP-R Solvent weld / fusion 30 references

d	G	D	D1	I1	I2	Z1	Z2	Weight (g)	Pack	REF.	3D
20	40x10	46	28	26	20	10	3	32	B 60	02052114020	-
25	47x10	56	36	28	23	10	3	54	B 40	02052114025	-
32	53x8	67	42	30	26	10	3	79	B 20	02052114032	-
40	66x8	82	52	41	31	13	3	131	C 60	02052114040	-
50	74x8	88	63	45	35	14	3	160	C 45	02052114050	-
63	90x8	106	77	52	42	14	3	259	C 30	02052114063	-

Dimension key: d = Ø exterior do tubo (mm), G = Rosca, D = Ø exterior do acessório (mm), D1 = Ø exterior do acessório (2) (mm), I1 = Profundidade de encaixe (2) (mm), I2 = Profundidade de encaixe (3) (mm)

Union nuts

d	G	I	D	Weight (g)	Pack	REF.	3D
20	40x10	22	46	12	-	02012118012	-
25	47x10	26	56	23	-	02012118034	-
32	53x8	28	67	36	-	02012118100	-
40	66x8	30	82	52	-	02012118114	-
50	74x8	31	88	56	-	02012118150	-
63	90x8	38	106	94	-	02012118200	-

Dimension key: d = Ø exterior do tubo (mm), G = Rosca, I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

Union ends

d	A	D	I	Z	Weight (g)	Pack	REF.	3D
20	36	28	20	3	7	-	02052116020	-
25	43	36	23	3	13	-	02052116025	-
32	50	42	26	3	17	-	02052116032	-
40	63	52	31	3	28	-	02052116040	-
50	69	63	35	10	38	-	02052116050	-
63	83	77	42	14	63	-	02052116063	-

Dimension key: d = Ø exterior do tubo (mm), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm)

Union bushes

d	G	I	Z	E	F	H	D	Weight (g)	Pack	REF.	3D
20	40x10	26	10	28.4	4.3	2.5	28	12	-	02052117020	-
25	47x10	28	10	35.5	4.8	2.5	36	19	-	02052117025	-
32	53x8	30	10	39.6	4.6	2.5	42	26	-	02052117032	-
40	66x8	41	13	51.8	7	4	52	46	-	02052117040	-
50	74x8	45	14	57.4	7	4	63	61	-	02052117050	-
63	90x8	52	14	70	6.5	4	77	96	-	02052117063	-

Dimension key: d = Ø exterior do tubo (mm), G = Rosca, I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

«O» ring gaskets

D	d	I	Weight (g)	Pack	REF.	3D
28,86	21,80	3,53	-	-	40908093011	-
35,23	28,17	3,53	-	-	40908093014	-
38,36	31,30	3,53	-	-	40908093015	-
51,30	40,64	5,33	-	-	40908093018	-
57,65	46,99	5,33	-	-	40908093024	-
70,36	59,70	5,33	-	-	40908093030	-

Dimension key: D = Ø exterior do acessório (mm), d = Ø exterior do tubo (mm), I = Profundidade de encaixe (mm)

09.18 Faucet

PP-R

Solvent weld / fusion

3 references

d	D	I	Z	L	Weight (g)	Pack	REF.	3D
20	65	36	19.5	73	205	C 28	02052172020	-
25	65	40	21	80	269	C 28	02052172025	-
32	65	43	21	80	284	C 28	02052172032	-

Dimension key: d = Ø exterior do tubo (mm), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm), L = Comprimento (mm)

09.19 Faucet long head work spindle

PP-R

Solvent weld / fusion

3 references

d	D	I	Z	L	Weight (g)	Pack	REF.	3D
20	65	36	19.5	107	255	C 28	02052173020	-
25	65	40	21	111	316	C 28	02052173025	-
32	65	43	21	111	326	C 28	02052173032	-

Dimension key: d = Ø exterior do tubo (mm), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm), L = Comprimento (mm)

10.05 Elbows 90° with metallic female thread

PP-R Threaded 4 references

d	G	I	I1	Z	Z1	D	D1	Weight (g)	Pack	REF.	3D
20	"1/2	28	28	12	14	31	36	55	B 90	02102101005	-
20	" 3/4	32	36	16	20	36	43	90	B 50	02102101006	-
25	" 1/2	32	36	14	22	36	43	80	B 50	02102101008	-
25	" 3/4	32	36	14	20	36	43	77	B 50	02102101009	-

Dimension key: d = Ø exterior do tubo (mm), G = Rosca (in), I = Profundidade de encaixe (mm), I1 = Profundidade de encaixe (2) (mm), D = Ø exterior do acessório (mm), D1 = Ø exterior do acessório (2) (mm)

10.06 Elbows 90° with metallic male thread

PP-R Threaded 4 references

d	G	I	I1	Z	Z1	D	D1	Weight (g)	Pack	REF.	3D
20	"1/2	28	42.5	12	28	31	36	97	B 40	02102154005	-
20	" 3/4	32	48	16	36	36	43	138	B 40	02102154006	-
25	" 1/2	32	46.5	14	36	36	43	119	B 40	02102154008	-
25	" 3/4	32	48	14	36	36	43	142	B 40	02102154009	-

Dimension key: d = Ø exterior do tubo (mm), G = Rosca (in), I = Profundidade de encaixe (mm), I1 = Profundidade de encaixe (2) (mm), D = Ø exterior do acessório (mm), D1 = Ø exterior do acessório (2) (mm)

10.07 Elbows 90° with metallic female thread & wall connection

PP-R Threaded 4 references

d	G	I	I1	Z	Z1	D	D1	Weight (g)	Pack	REF.	3D
20	"1/2	28	28	12	14	31	36	63	B 40	02102198005	-
20	" 3/4	32	36	16	20	36	43	-	-	02102198006	-
25	" 1/2	32	36	14	22	36	43	85	B 30	02102198008	-
25	" 3/4	32	36	14	20	36	43	100	B 30	02102198009	-

Dimension key: d = Ø exterior do tubo (mm), G = Rosca (in), I = Profundidade de encaixe (mm), I1 = Profundidade de encaixe (2) (mm), D = Ø exterior do acessório (mm), D1 = Ø exterior do acessório (2) (mm)

10.08 Elbows 90° with metallic male thread & wall connection

PP-R Threaded 4 references

d	G	I	I1	Z	Z1	D	D1	Weight (g)	Pack	REF.	3D
20	"1/2	28	42.5	12	28	31	36	96	B 40	02102199005	-
20	" 3/4	32	48	16	36	36	43	-	-	02102199006	-
25	" 1/2	32	46.5	14	36	36	43	120	B 30	02102199008	-
25	" 3/4	32	48	14	36	36	43	-	-	02102199009	-

Dimension key: d = Ø exterior do tubo (mm), G = Rosca (in), I = Profundidade de encaixe (mm), I1 = Profundidade de encaixe (2) (mm), D = Ø exterior do acessório (mm), D1 = Ø exterior do acessório (2) (mm)

10.09 Tees 90° with metallic female thread

PP-R Threaded 5 references

d	G	I	I1	Z	Z1	D	D1	Weight (g)	Pack	REF.	3D
20	" 1/2	28	28	12	14	31	36	61	B 60	02102100005	-
25	" 1/2	32	36	14	22	36	43.5	83	B 40	02102100008	-
25	" 3/4	32	36	14	20	36	43.5	108	B 40	02102100009	-
32	" 1/2	38	36	18	22	43	36	93	B 30	02102100011	-
32	" 3/4	38	36	18	20	43	43.5	115	B 30	02102100012	-

Dimension key: d = Ø exterior do tubo (mm), G = Rosca (in), I = Profundidade de encaixe (mm), I1 = Profundidade de encaixe (2) (mm), D = Ø exterior do acessório (mm), D1 = Ø exterior do acessório (2) (mm)

10.10 Tees 90° with metallic male thread

PP-R Threaded 5 references

d	G	I	I1	Z	Z1	D	D1	Weight (g)	Pack	REF.	3D
20	" 1/2	28	42.5	12	28	31	36	103	B 50	02102153005	-
25	" 1/2	32	50.5	14	36	36	43.5	125	B 25	02102153008	-
25	" 3/4	32	52	14	36	36	43.5	149	B 25	02102153009	-
32	" 1/2	38	50.5	18	36	43	36	123	B 20	02102153011	-
32	" 3/4	38	52	18	36	43	43.5	154	B 20	02102153012	-

Dimension key: d = Ø exterior do tubo (mm), G = Rosca (in), I = Profundidade de encaixe (mm), I1 = Profundidade de encaixe (2) (mm), D = Ø exterior do acessório (mm), D1 = Ø exterior do acessório (2) (mm)

10.11 Sockets F/F with metallic thread

PP-R Threaded 6 references

d	G	D	D1	I	Z	Weight (g)	Pack	REF.	3D
20	" 1 / 2	30	38	36	8	50	B 170	02102102005	-
20	" 3 / 4	30	45	38	9	74	B 90	02102102006	-
25	" 1 / 2	36	38	38	8	50	B 80	02102102008	-
25	" 3 / 4	36	45	41	9	77	B 80	02102102009	-
32	" 1 / 2	43	38	45	11	57	B 40	02102102011	-
32	3 / 4	43	45	47	12	85	B 40	02102102012	-

Dimension key: d = Ø exterior do tubo (mm), G = Rosca (in), D = Ø exterior do acessório (mm), D1 = Ø exterior do acessório (2) (mm), I = Profundidade de encaixe (mm)

10.12 Sockets F/M with metallic thread

PP-R Threaded 6 references

d	G	D	D1	I	Z	Z1	Weight (g)	Pack	REF.	3D
20	" 1 / 2	30	38	50	34	36	84	B 90	02102191005	-
20	" 3 / 4	30	45	54	38	38	118	B 90	02102191006	-
25	" 1 / 2	36	38	53	34	38	87	B 80	02102191008	-
25	" 3 / 4	36	45	57	38	41	121	B 80	02102191009	-
32	" 1 / 2	43	38	60	34	46	91	B 40	02102191011	-

d	G	D	D1	I	Z	Z1	Weight (g)	Pack	REF.	3D
32	" 3 / 4	43	45	64	38	48	128	B 40	02102191012	-

Dimension key: d = Ø exterior do tubo (mm), G = Rosca (in), D = Ø exterior do acessório (mm), D1 = Ø exterior do acessório (2) (mm), I = Profundidade de encaixe (mm)

10.13 Sockets M/F with metallic thread

PP-R Threaded 6 references

d	G	D	I	Z	Z1	Weight (g)	Pack	REF.	3D
20	" 1 / 2	38	43	24	31	47	B 90	02102201005	-
20	" 3 / 4	45	45	27	33	74	B 90	02102201006	-
25	" 1 / 2	38	45	24	32	48	B 120	02102201008	-
25	" 3 / 4	45	48	27	35	76	B 90	02102201009	-
32	" 1 / 2	38	43	24	32	52	-	02102201011	-
32	" 3 / 4	45	46	27	33	78	-	02102201012	-

Dimension key: d = Ø exterior do tubo (mm), G = Rosca (in), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm)

10.14 Sockets M/M with metallic thread

PP-R Threaded 6 references

d	G	D	I	Z	Z1	Weight (g)	Pack	REF.	3D
20	" 1 / 2	38	57	39	43	82	-	02102202005	-
20	" 3 / 4	45	61	43	45	118	-	02102202006	-
25	" 1 / 2	38	60	39	45	85	B 120	02102202008	-
25	" 3 / 4	45	64	43	48	120	B 90	02102202009	-
32	" 1 / 2	38	58	39	43	89	-	02102202011	-
32	" 3 / 4	45	62	43	46	123	-	02102202012	-

Dimension key: d = Ø exterior do tubo (mm), G = Rosca (in), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm)

10.15 Unions

PP-R Connection: not defined 30 references

G	d	G1	D	D1	I1	I2	Z1	Z2	Weight (g)	Pack	REF.	3D
1/2	20	40x10	46	28	26	20	10	3	31.5	B 60	02102114055	-
" 3/4	25	47x10	56	36	28	23	10	3	55	B 40	02102114056	-
1"	32	53x8	67	42	30	26	10	3	79	B 20	02102114057	-
1" 1/4	40	66x8	82	52	41	31	13	3	129	C 60	02102114058	-
1" 1/2	50	74x8	88	63	45	35	14	3	160	C 45	02102114059	-
2"	63	90x8	106	77	52	42	14	3	259	C 30	02102114060	-

Dimension key: G = Rosca (in), d = Ø exterior do tubo (mm), G1 = Rosca (2.ª saída), D = Ø exterior do acessório (mm), D1 = Ø exterior do acessório (2) (mm), I1 = Profundidade de encaixe (2) (mm), I2 = Profundidade de encaixe (3) (mm)

Union nuts

d	G	I	D	Weight (g)	Pack	REF.	3D
20	40x10	22	46	12	-	02012118012	-

d	G	I	D	Weight (g)	Pack	REF.	3D
25	47x10	26	56	23	-	02012118034	-
32	53x8	28	67	36	-	02012118100	-
40	66x8	30	82	52	-	02012118114	-
50	74x8	31	88	56	-	02012118150	-
63	90x8	38	106	94	-	02012118200	-

Dimension key: d = Ø exterior do tubo (mm), G = Rosca, I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

Union ends

d	A	D	I	Z	Weight (g)	Pack	REF.	3D
20	36	28	20	3	7	-	02052116020	-
25	43	36	23	3	13	-	02052116025	-
32	50	42	26	3	17	-	02052116032	-
40	63	52	31	3	28	-	02052116040	-
50	69	63	35	10	38	-	02052116050	-
63	83	77	42	14	63	-	02052116063	-

Dimension key: d = Ø exterior do tubo (mm), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm)

Union bushes

G	G1	I	Z	E	F	H	D	Weight (g)	Pack	REF.	3D
"1/2	40x10	26	10	28.4	4.3	2.5	28	12	-	02012117012	-
" 3/4	47x10	28	10	35.5	4.8	2.5	36	18	-	02012117034	-
1 "	53x8	30	10	39.6	4.6	2.5	42	25	-	02012117100	-
1" 1/4	66x8	41	13	51.8	7	4	52	46	-	02012117114	-
1" 1/2	74x8	45	22	57	7	4	63	68	-	02012117150	-
2 "	90x8	52	18	70	7	4	77	113	-	02012117200	-

Dimension key: G = Rosca (in), G1 = Rosca (2.ª saída), I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

«O» ring gaskets

D	d	I	Weight (g)	Pack	REF.	3D
28,86	21,80	3,53	-	-	40908093011	-
35,23	28,17	3,53	-	-	40908093014	-
38,36	31,30	3,53	-	-	40908093015	-
51,30	40,64	5,33	-	-	40908093018	-
57,65	46,99	5,33	-	-	40908093024	-
70,36	59,70	5,33	-	-	40908093030	-

Dimension key: D = Ø exterior do acessório (mm), d = Ø exterior do tubo (mm), I = Profundidade de encaixe (mm)

10.16 Unions female/male

PP-R	Connection: not defined	30 references
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G	d	G1	D	I	Z	I1	Z1	S	Weight (g)	Pack	REF.	3D
1/2	20	40x10	46	26	10	36	21	22	34	B 60	02102207055	-
" 3/4	25	47x10	56	28	10	40	24	28	56	B 30	02102207056	-

G	d	G1	D	I	Z	I1	Z1	S	Weight (g)	Pack	REF.	3D
1"	32	53x8	67	30	10	45	26	36	86	B 20	02102207057	-
1" 1/4	40	66x8	82	41	13	48	27	46	141	C 60	02102207058	-
1" 1/2	50	74x8	88	45	14	52	30	50	170	C 45	02102207059	-
2"	63	90x8	106	52	14	61	35	65	285	C 24	02102207060	-

Dimension key: G = Rosca (in), d = Ø exterior do tubo (mm), G1 = Rosca (2.ª saída), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm), I1 = Profundidade de encaixe (2) (mm)

Union nuts

d	G	I	D	Weight (g)	Pack	REF.	3D
20	40x10	22	46	12	-	02012118012	-
25	47x10	26	56	23	-	02012118034	-
32	53x8	28	67	36	-	02012118100	-
40	66x8	30	82	52	-	02012118114	-
50	74x8	31	88	56	-	02012118150	-
63	90x8	38	106	94	-	02012118200	-

Dimension key: d = Ø exterior do tubo (mm), G = Rosca, I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

Male union ends

G	I	A	S	Z	Weight (g)	Pack	REF.	3D
"1/2	36	36	22	21	9	-	02012204012	-
" 3/4	40	43	28	24	15	-	02012205034	-
1 "	45	50	36	26	24	-	02012204100	-
1" 1/4	48	63	46	27	38	-	02012205114	-
1" 1/2	52	69	50	30	48	-	02012205150	-
2 "	61	83	65	35	89	-	02012205200	-

Dimension key: G = Rosca (in), I = Profundidade de encaixe (mm)

Union bushes

d	G	I	Z	E	F	H	D	Weight (g)	Pack	REF.	3D
20	40x10	26	10	28.4	4.3	2.5	28	12	-	02052117020	-
25	47x10	28	10	35.5	4.8	2.5	36	19	-	02052117025	-
32	53x8	30	10	39.6	4.6	2.5	42	26	-	02052117032	-
40	66x8	41	13	51.8	7	4	52	46	-	02052117040	-
50	74x8	45	14	57.4	7	4	63	61	-	02052117050	-
63	90x8	52	14	70	6.5	4	77	96	-	02052117063	-

Dimension key: d = Ø exterior do tubo (mm), G = Rosca, I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

«O» ring gaskets

D	d	I	Weight (g)	Pack	REF.	3D
28,86	21,80	3,53	-	-	40908093011	-
35,23	28,17	3,53	-	-	40908093014	-
38.36	31.30	3.53	-	-	40908093015	-
51,30	40,64	5,33	-	-	40908093018	-

D	d	l	Weight (g)	Pack	REF.	3D
57,65	46,99	5,33	-	-	40908093024	-
70,36	59,70	5,33	-	-	40908093030	-

Dimension key: D = Ø exterior do acessório (mm), d = Ø exterior do tubo (mm), l = Profundidade de encaixe (mm)

11.05 Elbows 90°

Material: not defined

Threaded

3 references

G	D	I	Z	Weight (g)	Pack	REF.	3D
" 1/2	30	28	14	18	B 100	02012001012	-
" 3/4	37	33	17	29	B 70	02012001034	-
1 "	45	38	20	46	B 40	02012001100	-

Dimension key: G = Rosca (in), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm)

11.06 Reducing elbows 90°

Material: not defined

Threaded

1 references

G	G1	D	D1	I	I1	Z	Z1	Weight (g)	Pack	REF.	3D
" 3/4	" 1/2	37	30	33	28	17	14	23	B 90	02012002005	-

Dimension key: G = Rosca (in), G1 = Rosca (2.ª saída) (in), D = Ø exterior do acessório (mm), D1 = Ø exterior do acessório (2) (mm), I = Profundidade de encaixe (mm), I1 = Profundidade de encaixe (2) (mm)

11.07 Tees 90°

Material: not defined

Threaded

3 references

G	D	I	Z	Weight (g)	Pack	REF.	3D
"1/2	30	28	14	25	B 80	02012003012	-
" 3/4	37	33	17	40	B 40	02012003034	-
1 "	45	38	20	61	B 30	02012003100	-

Dimension key: G = Rosca (in), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm)

11.08 Reducing tees 90°

Material: not defined

Threaded

1 references

G	G1	D	D1	I	I1	Z	Z1	Weight (g)	Pack	REF.	3D
"3/4	"1/2	37	30	33	28	17	14	34	B 50	02012004005	-

Dimension key: G = Rosca (in), G1 = Rosca (2.ª saída) (in), D = Ø exterior do acessório (mm), D1 = Ø exterior do acessório (2) (mm), I = Profundidade de encaixe (mm), I1 = Profundidade de encaixe (2) (mm)

11.09 Sockets

Material: not defined

Threaded

3 references

G	I	Z	D	Weight (g)	Pack	REF.	3D
"1/2	35	8	31	14	B 120	02012005012	-
" 3/4	39	8	39	21	B 80	02012005034	-
1 "	44	9	47	33	B 50	02012005100	-

Dimension key: G = Rosca (in), I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

11.10 Reducers male / female

Material: not defined

Threaded

3 references

G	G1	I	Z	S	Weight (g)	Pack	REF.	3D
" 3/4	" 1/2	39	25	32	14	B 150	02012006005	-
1 "	" 1/2	42	31	32	17	B 110	02012006006	-
1 "	" 3/4	45	29	36	19	B 90	02012006007	-

Dimension key: G = Rosca (in), G1 = Rosca (2.ª saída) (in), I = Profundidade de encaixe (mm)

11.11 Sockets male/female

Material: not defined

Threaded

1 references

G	G1	S	I	Z	Weight (g)	Pack	REF.	3D
"1/2	" 1/2	32	37	20	12	A 30	02012169012	-

Dimension key: G = Rosca (in), G1 = Rosca (2.ª saída) (in), I = Profundidade de encaixe (mm)

11.12 Short reducers male/female

Material: not defined

Threaded

2 references

G	G1	I	Z	S	Weight (g)	Pack	REF.	3D
"3/4	" 1/2	28	13	29	8	A 50	02012080004	-
"1	" 1/2	28	13	35	13	A 30	02012080006	-

Dimension key: G = Rosca (in), G1 = Rosca (2.ª saída) (in), I = Profundidade de encaixe (mm)

11.13 Nipples

Material: not defined

Threaded

3 references

G	I	S	Z	Weight (g)	Pack	REF.	3D
"1/2	45	22	15	8	B 250	02012009012	-
" 3/4	49	27	17	12	B 150	02012009034	-
1 "	57	36	20	21	B 80	02012009100	-

Dimension key: G = Rosca (in), I = Profundidade de encaixe (mm)

11.14 Caps

Material: not defined

Threaded

3 references

G	D	I	S	Weight (g)	Pack	REF.	3D
"1/2	37	21	32	11	A 40	02012012012	-
" 3/4	42	24	36	15	A 30	02012012034	-
1 "	50	26	46	25	A 20	02012012100	-

Dimension key: G = Rosca (in), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm)

11.15 Plugs

Material: not defined

Threaded

3 references

G	I	S	Weight (g)	Pack	REF.	3D
"1/2	25	27	6	A 70	02012011012	-
" 3/4	28	36	12	A 40	02012011034	-
1 "	32	41	18	A 20	02012011100	-

Dimension key: G = Rosca (in), I = Profundidade de encaixe (mm)

11.16 Unions

Material: not defined

Threaded

30 references

G	G1	I1	I2	Z1	Z2	D	D1	Weight (g)	Pack	REF.	3D
"1/2	40x10	26	20	10	3	46	28	32	B 60	02012114012	-
" 3/4	47x10	28	23	10	3	56	36	54	B 40	02012114034	-
1 "	53x8	30	26	10	3	67	42	76	B 20	02012114100	-
1" 1/4	66x8	41	31	13	3	82	52	129	C 60	02012114114	-
1" 1/2	74x8	45	35	22	10	88	63	175	C 45	02012114150	-
2 "	90x8	52	42	18	14	106	77	259	C 30	02012114200	-

Dimension key: G = Rosca (in), G1 = Rosca (2.ª saída), I1 = Profundidade de encaixe (2) (mm), I2 = Profundidade de encaixe (3) (mm), D = Ø exterior do acessório (mm), D1 = Ø exterior do acessório (2) (mm)

Union nuts

d	G	I	D	Weight (g)	Pack	REF.	3D
20	40x10	22	46	12	-	02012118012	-
25	47x10	26	56	23	-	02012118034	-
32	53x8	28	67	36	-	02012118100	-
40	66x8	30	82	52	-	02012118114	-
50	74x8	31	88	56	-	02012118150	-
63	90x8	38	106	94	-	02012118200	-

Dimension key: d = Ø exterior do tubo (in), G = Rosca, I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

Union ends

G	I	A	D	Z	Weight (g)	Pack	REF.	3D
"1/2	20	36	28	3	7	-	02012116012	-
" 3/4	23	43	36	3	12	-	02012116034	-
1 "	26	50	42	3	17	-	02012116100	-
1" 1/4	31	63	52	3	28	-	02012116114	-
1" 1/2	35	69	63	10	45	-	02012116150	-
2 "	42	83	77	14	76	-	02012116200	-

Dimension key: G = Rosca (in), I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

Union bushes

G	G1	I	Z	E	F	H	D	Weight (g)	Pack	REF.	3D
"1/2	40x10	26	10	28.4	4.3	2.5	28	12	-	02012117012	-

G	G1	I	Z	E	F	H	D	Weight (g)	Pack	REF.	3D
" 3/4	47x10	28	10	35.5	4.8	2.5	36	18	-	02012117034	-
1 "	53x8	30	10	39.6	4.6	2.5	42	25	-	02012117100	-
1" 1/4	66x8	41	13	51.8	7	4	52	46	-	02012117114	-
1" 1/2	74x8	45	22	57	7	4	63	68	-	02012117150	-
2 "	90x8	52	18	70	7	4	77	113	-	02012117200	-

Dimension key: G = Rosca (in), G1 = Rosca (2.ª saída), I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

«O» ring gaskets

D	d	I	Weight (g)	Pack	REF.	3D
28,86	21,80	3,53	-	-	40908093011	-
35,23	28,17	3,53	-	-	40908093014	-
38,36	31,30	3,53	-	-	40908093015	-
51,30	40,64	5,33	-	-	40908093018	-
57,65	46,99	5,33	-	-	40908093024	-
70,36	59,70	5,33	-	-	40908093030	-

Dimension key: D = Ø exterior do acessório (mm), d = Ø exterior do tubo (mm), I = Profundidade de encaixe (mm)

11.17 Unions female/male

Material: not defined Threaded 30 references

G	G1	I	I1	Z	Z1	D	S	Weight (g)	Pack	REF.	3D
"1/2	40x10	26	36	10	21	46	22	34	B 60	02012207012	-
" 3/4	47x10	28	40	10	24	56	28	56	B 30	02012207034	-
1 "	53 x 8	30	45	10	26	67	36	86	B 20	02012207100	-
1" 1/4	66 x 8	41	48	13	27	82	46	141	C 60	02012207114	-
1" 1/2	74 x 8	45	52	22	30	88	50	170	C 45	02012207150	-
2 "	90 x 8	52	61	18	35	106	65	285	C 24	02012207200	-

Dimension key: G = Rosca (in), G1 = Rosca (2.ª saída), I = Profundidade de encaixe (mm), I1 = Profundidade de encaixe (2) (mm), D = Ø exterior do acessório (mm)

Union nuts

d	G	I	D	Weight (g)	Pack	REF.	3D
20	40x10	22	46	12	-	02012118012	-
25	47x10	26	56	23	-	02012118034	-
32	53x8	28	67	36	-	02012118100	-
40	66x8	30	82	52	-	02012118114	-
50	74x8	31	88	56	-	02012118150	-
63	90x8	38	106	94	-	02012118200	-

Dimension key: d = Ø exterior do tubo (in), G = Rosca, I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

Male union ends

G	I	A	S	Z	Weight (g)	Pack	REF.	3D
"1/2	36	36	22	21	9	-	02012204012	-
" 3/4	40	43	28	24	15	-	02012205034	-

G	I	A	S	Z	Weight (g)	Pack	REF.	3D
1 "	45	50	36	26	24	-	02012204100	-
1" 1/4	48	63	46	27	38	-	02012205114	-
1" 1/2	52	69	50	30	48	-	02012205150	-
2 "	61	83	65	35	89	-	02012205200	-

Dimension key: G = Rosca (in), I = Profundidade de encaixe (mm)

Union bushes

G	G1	I	Z	E	F	H	D	Weight (g)	Pack	REF.	3D
"1/2	40x10	26	10	28.4	4.3	2.5	28	12	-	02012117012	-
" 3/4	47x10	28	10	35.5	4.8	2.5	36	18	-	02012117034	-
1 "	53x8	30	10	39.6	4.6	2.5	42	25	-	02012117100	-
1" 1/4	66x8	41	13	51.8	7	4	52	46	-	02012117114	-
1" 1/2	74x8	45	22	57	7	4	63	68	-	02012117150	-
2 "	90x8	52	18	70	7	4	77	113	-	02012117200	-

Dimension key: G = Rosca (in), G1 = Rosca (2.^a saída), I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

«O» ring gaskets

D	d	I	Weight (g)	Pack	REF.	3D
28,86	21,80	3,53	-	-	40908093011	-
35,23	28,17	3,53	-	-	40908093014	-
38,36	31,30	3,53	-	-	40908093015	-
51,30	40,64	5,33	-	-	40908093018	-
57,65	46,99	5,33	-	-	40908093024	-
70,36	59,70	5,33	-	-	40908093030	-

Dimension key: D = Ø exterior do acessório (mm), d = Ø exterior do tubo (mm), I = Profundidade de encaixe (mm)

11.18 Threaded short pipes

Material: not defined **Threaded** 6 references

G	Z	L	Weight (g)	Pack	REF.	3D
"1/2	17	75	14	B 200	02012194005	-
"1/2	17	100	19	B 150	02012194008	-
" 3/4	17	75	19	B 120	02012194105	-
" 3/4	17	100	26	B 90	02012194108	-
1"	17	75	28	-	02012194205	-
1"	17	100	38	-	02012194208	-

Dimension key: G = Rosca (in), L = Comprimento (mm)

12.05 Welding valve

Material: not defined

Solvent weld / fusion

7 references

7 with CAD file

d	DN	A	B	H	L	M	S	Z	L1	L2	Weight (g)	Pack	REF.	3D
20	15	47	45	69	83	35	10	43	20	17	80	B 40	02612077020	sim
25	25	67	70	103	112	53	17	65	23	19.5	224	C 40	02612077025	sim
32	25	67	70	103	126	53	17	65	30	22.5	228	C 40	02612077032	sim
40	40	93	92	139	147	64	21	87	30	27	521	C 16	02612077040	sim
50	40	93	92	139	156	64	21	87	34	31	529	C 16	02612077050	sim
60	50	113	105	162	190	73	23	100	44	38	865	C 10	02612077060	sim
63	50	113	105	162	190	73	23	100	44	38	865	C 10	02612077063	sim

Dimension key: d = Ø exterior do tubo (mm), DN = Diâmetro nominal (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm), L2 = Comprimento (3) (mm)

12.06 Tapped valve

Material: not defined

Connection: not defined

6 references

6 with CAD file

G	DN	A	B	H	L	M	S	Z	L1	L2	Weight (g)	Pack	REF.	3D
"1/2	15	47	45	69	83	35	10	43	20	15	80	B 40	02612077012	sim
" 3/4	25	67	70	103	112	53	17	65	23	16	218	C 40	02612077034	sim
1"	25	67	70	103	126	53	17	65	30	19	225	C 40	02612077100	sim
1"1/4	40	93	92	139	147	64	21	87	30	21	517	C 16	02612077114	sim
1"1/2	40	93	92	139	156	64	21	87	34	22	538	C 16	02612077150	sim
2"	50	113	105	162	190	73	23	100	44	26	865	C 10	02612077200	sim

Dimension key: G = Rosca (in), DN = Diâmetro nominal (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm), L2 = Comprimento (3) (mm)

12.07 Welding valve (TEFLON-EPDM)

Material: not defined

Solvent weld / fusion

7 references

7 with CAD file

d	DN	A	B	H	L	M	S	Z	L1	L2	Weight (g)	Pack	REF.	3D
20	15	47	45	69	83	35	10	43	20	17	80	B 40	02612299020	sim
25	25	67	70	103	112	53	17	65	23	19.5	224	C 40	02612299025	sim
32	25	67	70	103	126	53	17	65	30	22.5	228	C 40	02612299032	sim
40	40	93	92	139	147	64	21	87	30	27	521	C 16	02612299040	sim
50	40	93	92	139	156	64	21	87	34	31	529	C 16	02612299050	sim
60	50	113	105	162	190	73	23	100	44	38	865	C 10	02612299060	sim
63	50	113	105	162	190	73	23	100	44	38	865	C 10	02612299063	sim

Dimension key: d = Ø exterior do tubo (mm), DN = Diâmetro nominal (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm), L2 = Comprimento (3) (mm)

12.08 Tapped valve (TEFLON-EPDM)

Material: not defined

Connection: not defined

6 references

6 with CAD file

G	DN	A	B	H	L	M	S	Z	L1	L2	Weight (g)	Pack	REF.	3D
"1/2	15	47	45	69	83	35	10	43	20	15	80	B 40	02612299012	sim
"3/4	25	67	70	103	112	53	17	65	23	16	218	C 40	02612299034	sim
1"	25	67	70	103	126	53	17	65	30	19	225	C 40	02612299100	sim
1"1/4	40	93	92	139	147	64	21	87	30	21	517	C 16	02612299114	sim
1"1/2	40	93	92	139	156	64	21	87	34	22	538	C 16	02612299150	sim
2"	50	113	105	162	190	73	23	100	44	26	865	C 10	02612299200	sim

Dimension key: G = Rosca (in), DN = Diâmetro nominal (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm), L2 = Comprimento (3) (mm)

12.12 Tapped valve

Material: not defined

Connection: not defined

6 references

6 with CAD file

G	DN	A	B	H	L	M	S	Z	L1	L2	Weight (g)	Pack	REF.	3D
"1/2	15	47	45	69	83	35	10	43	20	15	80	B 40	02612235012	sim
"3/4	25	67	70	103	112	53	17	65	23	16	218	C 40	02612235034	sim
1"	25	67	70	103	126	53	17	65	30	19	225	C 40	02612235100	sim
1"1/4	40	93	92	139	147	64	21	87	30	21	517	C 16	02612235114	sim
1"1/2	40	93	92	139	156	64	21	87	34	22	538	C 16	02612235150	sim
2"	50	113	105	162	190	73	23	100	44	26	865	C 10	02612235200	sim

Dimension key: G = Rosca (in), DN = Diâmetro nominal (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm), L2 = Comprimento (3) (mm)

12.13 PP-R - Union end female

PP-R

Solvent weld / fusion

7 references

7 with CAD file

d	A	D	I	Z	Weight (g)	Pack	REF.	3D
20	36	28	20	3	7	A 60	02612131020	sim
25	50	36	23	4	16	A 30	02612131025	sim
32	50	42	30	7	18	A 20	02612131032	sim
40	74.5	52	30.5	3.5	38	B 60	02612131040	sim
50	74.5	63	34.5	3.5	41	B 40	02612131050	sim
60	90	77	44	6	84	B 20	02612131060	sim
63	90	77	44	6	74	B 20	02612131063	sim

Dimension key: d = Ø exterior do tubo (mm), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm)

12.15 Union end female

Material: not defined

Threaded

6 references

6 with CAD file

G	I	A	D	Z	Weight (g)	Pack	REF.	3D
" 1/2	20	36	28	5	7	A 60	02612131012	sim
" 3/4	23	50	36	7	15	A 30	02612131034	sim
1 "	30	50	42	11	17	A 20	02612131100	sim
1 " 1/4	30.5	74.5	52	9.5	38	B 60	02612131114	sim

G	I	A	D	Z	Weight (g)	Pack	REF.	3D
1 " 1/2	34.5	74.5	63	12.5	48	B 40	02612131150	sim
2 "	44	90	77	18	86	B 20	02612131200	sim

Dimension key: G = Rosca (in), I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

12.16 Male union end

Material: not defined Threaded 6 references 5 with CAD file

G	I	A	S	Z	Weight (g)	Pack	REF.	3D
" 1/2	36	36	22	21	9	A 50	02612206012	sim
" 3/4	41.5	50	36	25	21	A 25	02612206034	sim
1 "	45	50	36	26	24	A 15	02612206100	sim
1 " 1/4	48	74.5	50	29	50	B 45	02612206114	-
1 " 1/2	51	74.5	50	30	52	B 30	02612206150	sim
2 "	61	83	65	35	95	B 15	02612206200	sim

Dimension key: G = Rosca (in), I = Profundidade de encaixe (mm)

12.09 PP-H Welding valve (TEFLON-EPDM)

PP-H Solvent weld / fusion 7 references 7 with CAD file

d	DN	A	B	H	L	M	S	Z	L1	L2	Weight (g)	Pack	REF.	3D
20	15	47	45	69	83	35	10	43	20	17	80	B 40	02532299020	sim
25	25	67	70	103	112	53	17	65	23	19.5	224	C 40	02532299025	sim
32	25	67	70	103	126	53	17	65	30	22.5	228	C 40	02532299032	sim
40	40	93	92	139	147	64	21	87	30	27	521	C 16	02532299040	sim
50	40	93	92	139	156	64	21	87	34	31	529	C 16	02532299050	sim
60	50	113	105	162	190	73	23	100	44	38	865	C 10	02532299060	sim
63	50	113	105	162	190	73	23	100	44	38	865	C 10	02532299063	sim

Dimension key: d = Ø exterior do tubo (mm), DN = Diâmetro nominal (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm), L2 = Comprimento (3) (mm)

12.10 Welding valve (TEFLON-VITON)

Material: not defined Solvent weld / fusion 7 references 7 with CAD file

d	DN	A	B	H	L	M	S	Z	L1	L2	Weight (g)	Pack	REF.	3D
20	15	47	45	69	83	35	10	43	20	17	80	B 40	02612296020	sim
25	25	67	70	103	112	53	17	65	23	19.5	224	C 40	02612296025	sim
32	25	67	70	103	126	53	17	65	30	22.5	228	C 40	02612296032	sim
40	40	93	92	139	147	64	21	87	30	27	521	C 16	02612296040	sim
50	40	93	92	139	156	64	21	87	34	31	529	C 16	02612296050	sim
60	50	113	105	162	190	73	23	100	44	38	865	C 10	02612296060	sim
63	50	113	105	162	190	73	23	100	44	38	865	C 10	02612296063	sim

Dimension key: d = Ø exterior do tubo (mm), DN = Diâmetro nominal (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm), L2 = Comprimento (3) (mm)

12.11 PP-H Welding valve (TEFLON-VITON)

PP-H Solvent weld / fusion 7 references 7 with CAD file

d	DN	A	B	H	L	M	S	Z	L1	L2	Weight (g)	Pack	REF.	3D
20	15	47	45	69	83	35	10	43	20	17	80	B 40	02532296020	sim
25	25	67	70	103	112	53	17	65	23	19.5	224	C 40	02532296025	sim
32	25	67	70	103	126	53	17	65	30	22.5	228	C 40	02532296032	sim
40	40	93	92	139	147	64	21	87	30	27	521	C 16	02532296040	sim
50	40	93	92	139	156	64	21	87	34	31	529	C 16	02532296050	sim
60	50	113	105	162	190	73	23	100	44	38	865	C 10	02532296060	sim
63	50	113	105	162	190	73	23	100	44	38	865	C 10	02532296063	sim

Dimension key: d = Ø exterior do tubo (mm), DN = Diâmetro nominal (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm), L2 = Comprimento (3) (mm)

12.14 PP-H - Union end female

PP-H Solvent weld / fusion 7 references 7 with CAD file

d	A	D	I	Z	Weight (g)	Pack	REF.	3D
20	36	28	20	3	7	A 60	02532131020	sim
25	50	36	23	4	16	A 30	02532131025	sim
32	50	42	30	7	18	A 20	02532131032	sim
40	74.5	52	30.5	3.5	38	B 60	02532131040	sim
50	74.5	63	34.5	3.5	41	B 40	02532131050	sim
60	90	77	44	6	84	B 20	02532131060	sim
63	90	77	44	6	74	B 20	02532131063	sim

Dimension key: d = Ø exterior do tubo (mm), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm)

13.05 Tubes to weld

PP-R

Solvent weld / fusion

6 references

d	di	S	Weight (g)	Pack	REF.	3D
20	12	4	-	20	20802106020	-
25	17	4	-	20	20802106025	-
32	22	5	-	15	20802106032	-
40	26	7	-	6	20802106040	-
50	32	9	-	6	20802106050	-
63	41	11	-	5	20802106063	-

Dimension key: d = Ø exterior do tubo (mm), di = Ø interior (mm)

14.05 Tubes to screw

PP-H

Connection: not defined

3 references

d	di	S	Weight (g)	Pack	REF.	3D
"1/2	13.5	4	-	20	20802096012	-
"3/4	18.5	4	-	20	20802096034	-
1 "	23.5	5	-	15	20802096100	-

Dimension key: d = Ø exterior do tubo (in), di = Ø interior (mm)

15.05 Clamp saddle with reinforce

Material: not defined

Threaded

91 references

d	G	L	H	Paraf	PN/Bar	Weight (g)	Pack	REF.	3D
16	" 1/2	61	36	2 (M6x40)	10	56	B 70	02152000092	-
20	" 1/2	61	36	2 (M6x40)	10	61	C 200	02152000001	-
20	" 3/4	65	40	2 (M6x40)	10	72	C 200	02152000094	-
20	1 "	76	45	2 (M6x40)	10	85	C 200	02152000095	-
25	" 1/2	61	36	2 (M6x40)	10	62	C 200	02152000003	-
25	" 3/4	61	36	2 (M6x40)	10	70	C 180	02152000004	-
25	1 "	76	45	2 (M6x40)	10	84	C 150	02152000097	-
32	" 1/2	76	45	2 (M8x60)	10	130	C 100	02152000005	-
32	" 3/4	76	45	2 (M8x60)	10	125	C 100	02152000006	-
32	1 "	76	45	2 (M8x60)	10	146	C 100	02152000007	-
40	" 1/2	76	55	2 (M8x60)	10	134	C 100	02152000008	-
40	" 3/4	76	55	2 (M8x60)	10	143	C 100	02152000009	-
40	1 "	76	55	2 (M8x60)	10	140	C 90	02152000010	-
50	" 1/2	83	60	2 (M8x60)	10	150	C 80	02152000011	-
50	" 3/4	83	60	2 (M8x60)	10	158	C 80	02152000012	-
50	1 "	83	60	2 (M8x60)	10	160	C 70	02152000013	-
63	" 1/2	102	69	4 (M8x60)	10	255	C 50	02152000014	-
63	" 3/4	102	69	4 (M8x60)	10	257	C 50	02152000015	-
63	1 "	102	69	4 (M8x60)	10	273	C 50	02152000016	-
63	1" 1/4	102	69	4 (M8x60)	10	277	C 50	02152000017	-
63	1" 1/2	102	69	4 (M8x60)	10	299	C 45	02152000018	-
75	" 1/2	120	95	4 (M8x60)	10	355	C 30	02152000019	-
75	" 3/4	120	95	4 (M8x60)	10	358	C 30	02152000020	-
75	" 1	120	95	4 (M8x60)	10	368	C 30	02152000021	-
75	1" 1/4	120	95	4 (M8x60)	10	376	C 30	02152000022	-
75	1" 1/2	120	95	4 (M8x60)	10	381	C 30	02152000023	-
75	2"	120	95	4 (M8x60)	10	387	C 30	02152000089	-
90	" 1/2	132	115	6 (M8x60)	10	498	C 20	02152000024	-
90	" 3/4	132	115	6 (M8x60)	10	502	C 20	02152000025	-
90	1 "	132	115	6 (M8x60)	10	514	C 20	02152000026	-
90	1" 1/4	132	115	6 (M8x60)	10	523	C 20	02152000027	-
90	1" 1/2	132	115	6 (M8x60)	10	530	C 20	02152000028	-
90	2"	132	115	6 (M8x60)	10	542	C 16	02152000090	-
110	" 1/2	153	129	6 (M8x60)	10	622	C 12	02152000029	-
110	" 3/4	153	129	6 (M8x60)	10	628	C 12	02152000030	-
110	1 "	153	129	6 (M8x60)	10	628	C 12	02152000031	-

d	G	L	H	Paraf	PN/Bar	Weight (g)	Pack	REF.	3D
110	1" 1/4	153	129	6 (M8x60)	10	628	C 12	02152000032	-
110	1" 1/2	153	129	6 (M8x60)	10	648	C 12	02152000033	-
110	2 "	153	129	6 (M8x60)	10	648	C 12	02152000034	-
125	1"	176	130	6 (M8x60)	10	675	C 12	02152000036	-
125	1 "1/4	176	130	6 (M8x60)	10	680	C 12	02152000037	-
125	1 "1/2	176	130	6 (M8x60)	10	689	C 12	02152000038	-
125	2 "	176	130	6 (M8x60)	10	685	C 12	02152000039	-
140	1 "	192	135	6 (M8x60)	10	800	C 10	02152000041	-
140	1" 1/4	192	135	6 (M8x60)	10	803	C 10	02152000042	-
140	1" 1/2	192	135	6 (M8x60)	10	803	C 10	02152000043	-
140	2 "	192	135	6 (M8x60)	10	825	C 10	02152000044	-
140	2" 1/2	192	135	6 (M8x60)	6	830	C 8	02152000045	-
140	3 "	192	135	6 (M8x60)	6	837	C 8	02152000046	-
160	1 "	212	135	6 (M8x60)	10	874	C 8	02152000048	-
160	1" 1/4	212	135	6 (M8x60)	10	878	C 8	02152000049	-
160	1" 1/2	212	135	6 (M8x60)	10	881	C 8	02152000050	-
160	2 "	212	135	6 (M8x60)	10	891	C 8	02152000051	-
160	3 "	212	135	6 (M8x60)	6	925	C 8	02152000053	-
200	1 "	252	140	6 (M8x60)	10	1010	C 6	02152000055	-
200	1" 1/4	252	140	6 (M8x60)	10	1040	C 6	02152000056	-
200	1" 1/2	252	140	6 (M8x60)	10	1046	C 6	02152000057	-
200	2 "	252	140	6 (M8x60)	10	1063	C 6	02152000058	-
200	3 "	252	140	6 (M8x60)	6	1110	C 4	02152000060	-
225	1" 1/4	294	170	6 (M10x80)	6	1760	C 3	02152000062	-
225	1 "1/2	294	170	6 (M10x80)	6	1760	C 3	02152000063	-
225	2 "	294	170	6 (M10x80)	6	1780	C 3	02152000064	-
225	2" 1/2	294	170	6 (M10x80)	4	1790	C 3	02152000065	-
225	3 "	294	170	6 (M10x80)	4	1750	C 3	02152000066	-
225	4 "	294	170	6 (M10x80)	4	1830	C 3	02152000067	-
250	1 " 1/4	320	180	6 (M10x80)	6	2090	C 2	02152000070	-
250	1" 1/2	320	180	6 (M10x80)	6	2090	C 2	02152000071	-
250	2 "	320	180	6 (M10x80)	6	2110	C 2	02152000072	-
250	2 " 1/2	320	180	6 (M10x80)	4	2110	C 2	02152000073	-
250	3 "	320	180	6 (M10x80)	4	2130	C 2	02152000074	-
250	4 "	320	180	6 (M10x80)	4	2220	C 2	02152000075	-
315	1" 1/4	390	200	6 (M10x80)	6	2810	C 1	02152000080	-
315	1" 1/2	390	200	6 (M10x80)	6	2820	C 1	02152000081	-
315	2 "	390	200	6 (M10x80)	6	2830	C 1	02152000082	-
315	2" 1/2	390	200	6 (M10x80)	4	2840	C 1	02152000083	-
315	3 "	390	200	6 (M10x80)	4	2850	C 1	02152000084	-

d	G	L	H	Paraf	PN/Bar	Weight (g)	Pack	REF.	3D
315	4 "	390	200	6 (M10x80)	4	2880	C 1	02152000085	-

Dimension key: d = Ø exterior do tubo (mm), G = Rosca (in), L = Comprimento (mm), Paraf = Parafusos (un), PN/Bar = Pressão nominal (bar)

«O» ring gasket

DI	W	Weight (g)	Pack	REF.	3D
13.11	2.62	-	-	40908093002	-
13.87	3.53	-	-	40908093006	-
18.64	3.53	-	-	40908093008	-
-	-	-	-	40908093014	-
-	-	-	-	40908093017	-
40.87	3.53	-	-	40908093054	-
53.90	3.53	-	-	40908093029	-
56.00	6.00	-	-	40908093112	-
63.09	3.53	-	-	40908093031	-
64.00	6.00	-	-	40908093113	-
65.09	3.53	-	-	40908093032	-
70.00	6.00	-	-	40908093114	-
71.44	3.53	-	-	40908093048	-
-	-	-	-	40908093070	-

Dimension key: DI = Ø interior (mm), W = Largura (mm)

15.09 Clamp saddle without reinforce

Material: not defined

Threaded

55 references

d	G	L	H	Paraf	PN/Bar	Weight (g)	Pack	REF.	3D
16	" 3/8	61	36	2 (M6x40)	10	56	B 70	02152001091	-
16	" 1/2	76	55	2 (M6x40)	10	56	B 70	02152001092	-
20	" 3/8	61	36	2 (M6x40)	10	65	C 200	02152001093	-
20	" 1/2	61	36	2 (M6x40)	10	56	C 200	02152001001	-
20	" 3/4	65	40	2 (M6x40)	10	65	C 200	02152001094	-
20	1"	76	45	2 (M6x40)	10	76	C 200	02152001095	-
25	" 3/8	61	36	2 (M6x40)	10	55	C 200	02152001096	-
25	" 1/2	61	36	2 (M6x40)	10	55	C 200	02152001003	-
25	" 3/4	61	36	2 (M6x40)	10	63	C 180	02152001004	-
25	1"	76	45	2 (M6x40)	10	75	C 150	02152001097	-
32	" 1/2	76	45	2 (M8x60)	10	123	C 100	02152001005	-
32	" 3/4	76	45	2 (M8x60)	10	120	C 100	02152001006	-
32	1 "	76	45	2 (M8x60)	10	139	C 100	02152001007	-
40	" 1/2	76	55	2 (M8x60)	10	127	C 100	02152001008	-
40	" 3/4	76	55	2 (M8x60)	10	136	C 100	02152001009	-
40	1 "	76	55	2 (M8x60)	10	130	C 90	02152001010	-
50	" 1/2	83	60	2 (M8x60)	10	143	C 80	02152001011	-

d	G	L	H	Paraf	PN/Bar	Weight (g)	Pack	REF.	3D
50	" 3/4	83	60	2 (M8x60)	10	151	C 80	02152001012	-
50	1 "	83	60	2 (M8x60)	10	150	C 70	02152001013	-
63	" 1/2	102	69	4 (M8x60)	10	250	C 50	02152001014	-
63	" 3/4	102	69	4 (M8x60)	10	250	C 50	02152001015	-
63	1 "	102	69	4 (M8x60)	10	263	C 50	02152001016	-
63	1" 1/4	102	69	4 (M8x60)	10	267	C 50	02152001017	-
63	1" 1/2	102	69	4 (M8x60)	10	290	C 45	02152001018	-
75	" 1/2	120	95	4 (M8x60)	10	348	C 30	02152001019	-
75	" 3/4	120	95	4 (M8x60)	10	350	C 30	02152001020	-
75	1 "	120	95	4 (M8x60)	10	358	C 30	02152001021	-
75	1" 1/4	120	95	4 (M8x60)	10	368	C 30	02152001022	-
75	1" 1/2	120	95	4 (M8x60)	10	371	C 30	02152001023	-
75	2"	120	95	4 (M8x60)	10	372	C 30	02152001089	-
90	" 1/2	132	115	6 (M8x60)	10	490	C 20	02152001024	-
90	" 3/4	132	115	6 (M8x60)	10	495	C 20	02152001025	-
90	1 "	132	115	6 (M8x60)	10	504	C 20	02152001026	-
90	1" 1/4	132	115	6 (M8x60)	10	513	C 20	02152001027	-
90	1" 1/2	132	115	6 (M8x60)	10	520	C 20	02152001028	-
90	2"	132	115	6 (M8x60)	10	520	C 16	02152001090	-
110	" 1/2	153	129	6 (M8x60)	10	612	C 12	02152001029	-
110	" 3/4	153	129	6 (M8x60)	10	618	C 12	02152001030	-
110	1 "	153	129	6 (M8x60)	10	618	C 12	02152001031	-
110	1" 1/4	153	129	6 (M8x60)	10	620	C 12	02152001032	-
110	1" 1/2	153	129	6 (M8x60)	10	638	C 12	02152001033	-
110	2 "	153	129	6 (M8x60)	10	638	C 12	02152001034	-
125	1"	176	130	6 (M8x60)	10	665	C 12	02152001036	-
125	1 "1/4	176	130	6 (M8x60)	10	680	C 12	02152001037	-
125	1 "1/2	176	130	6 (M8x60)	10	680	C 12	02152001038	-
125	2 "	176	130	6 (M8x60)	10	680	C 12	02152001039	-

Dimension key: d = Ø exterior do tubo (mm), G = Rosca (in), L = Comprimento (mm), Paraf = Parafusos (un), PN/Bar = Pressão nominal (bar)

«O» ring gasket

DI	W	Weight (g)	Pack	REF.	3D
13.11	2.62	-	-	40908093002	-
13.87	3.53	-	-	40908093006	-
18.64	3.53	-	-	40908093008	-
-	-	-	-	40908093014	-
-	-	-	-	40908093017	-
40.87	3.53	-	-	40908093054	-
53.90	3.53	-	-	40908093029	-
63.09	3.53	-	-	40908093031	-

DI	W	Weight (g)	Pack	REF.	3D
65.09	3.53	-	-	40908093032	-

Dimension key: DI = Ø interior (mm), W = Largura (mm)

15.14 Clamp saddle with reinforce NPT

Material: not defined Threaded 82 references

d	G	L	H	Paraf	PN/Bar	Weight (g)	Pack	REF.	3D
25	" 1/2	61	36	2 (M6x40)	10	62	C 200	02152704003	-
25	" 3/4	61	36	2 (M6x40)	10	70	C 180	02152704004	-
32	" 1/2	76	45	2 (M8x60)	10	130	C 100	02152704005	-
32	" 3/4	76	45	2 (M8x60)	10	137	C 100	02152704006	-
32	1 "	76	45	2 (M8x60)	10	146	C 100	02152704007	-
40	" 1/2	76	55	2 (M8x60)	10	134	C 100	02152704008	-
40	" 3/4	76	55	2 (M8x60)	10	143	C 100	02152704009	-
40	1 "	76	55	2 (M8x60)	10	130	C 90	02152704010	-
50	" 1/2	83	60	2 (M8x60)	10	150	C 80	02152704011	-
50	" 3/4	83	60	2 (M8x60)	10	158	C 80	02152704012	-
50	1 "	83	60	2 (M8x60)	10	166	C 70	02152704013	-
63	" 1/2	102	69	4 (M8x60)	10	255	C 50	02152704014	-
63	" 3/4	102	69	4 (M8x60)	10	257	C 50	02152704015	-
63	1 "	102	69	4 (M8x60)	10	273	C 50	02152704016	-
63	1" 1/4	102	69	4 (M8x60)	10	277	C 50	02152704017	-
63	1" 1/2	102	69	4 (M8x60)	10	299	C 45	02152704018	-
75	" 1/2	120	95	4 (M8x60)	10	355	C 30	02152704019	-
75	" 3/4	120	95	4 (M8x60)	10	358	C 30	02152704020	-
75	1 "	120	95	4 (M8x60)	10	368	C 30	02152704021	-
75	1" 1/2	120	95	4 (M8x60)	10	381	C 30	02152704023	-
90	" 1/2	132	115	6 (M8x60)	10	498	C 20	02152704024	-
90	" 3/4	132	115	6 (M8x60)	10	502	C 20	02152704025	-
90	1 "	132	115	6 (M8x60)	10	514	C 20	02152704026	-
90	1" 1/4	132	115	6 (M8x60)	10	523	C 20	02152704027	-
90	1" 1/2	132	115	6 (M8x60)	10	530	C 20	02152704028	-
110	" 1/2	153	129	6 (M8x60)	10	622	C 12	02152704029	-
110	" 3/4	153	129	6 (M8x60)	10	628	C 12	02152704030	-
110	1 "	153	129	6 (M8x60)	10	628	C 12	02152704031	-
110	1" 1/4	153	129	6 (M8x60)	10	628	C 12	02152704032	-
110	1" 1/2	153	129	6 (M8x60)	10	648	C 12	02152704033	-
110	2 "	153	129	6 (M8x60)	10	648	C 12	02152704034	-
125	1"	176	130	6 (M8x60)	10	675	C 12	02152704036	-
125	1 "1/4	176	130	6 (M8x60)	10	680	C 12	02152704037	-
125	1 "1/2	176	130	6 (M8x60)	10	689	C 12	02152704038	-

d	G	L	H	Paraf	PN/Bar	Weight (g)	Pack	REF.	3D
125	2 "	176	130	6 (M8x60)	10	685	C 12	02152704039	-
140	1 "	192	135	6 (M8x60)	10	800	C 10	02152704041	-
140	1" 1/4	192	135	6 (M8x60)	10	803	C 10	02152704042	-
140	1" 1/2	192	135	6 (M8x60)	10	803	C 10	02152704043	-
140	2 "	192	135	6 (M8x60)	10	825	C 10	02152704044	-
140	2" 1/2	192	135	6 (M8x60)	6	830	C 8	02152704045	-
140	3 "	192	135	6 (M8x60)	6	837	C 8	02152704046	-
160	1 "	212	135	6 (M8x60)	10	874	C 8	02152704048	-
160	1" 1/4	212	135	6 (M8x60)	10	878	C 8	02152704049	-
160	1" 1/2	212	135	6 (M8x60)	10	881	C 8	02152704050	-
160	2 "	212	135	6 (M8x60)	10	891	C 8	02152704051	-
160	3 "	212	135	6 (M8x60)	6	925	C 8	02152704053	-
200	1 "	252	140	6 (M8x60)	10	1010	C 6	02152704055	-
200	1" 1/2	252	140	6 (M8x60)	10	1046	C 6	02152704057	-
200	2 "	252	140	6 (M8x60)	10	1063	C 6	02152704058	-
200	3 "	252	140	6 (M8x60)	6	1110	C 4	02152704060	-
225	1" 1/4	294	170	6 (M10x80)	6	1760	C 3	02152704062	-
225	1" 1/2	294	170	6 (M10x80)	6	1760	C 3	02152704063	-
225	2 "	294	170	6 (M10x80)	6	1780	C 3	02152704064	-
225	2" 1/2	294	170	6 (M10x80)	4	1790	C 3	02152704065	-
225	3 "	294	170	6 (M10x80)	4	1750	C 3	02152704066	-
225	4 "	294	170	6 (M10x80)	4	1830	C 3	02152704067	-
250	1" 1/4	320	180	6 (M10x80)	6	2090	C 2	02152704070	-
250	1" 1/2	320	180	6 (M10x80)	6	2090	C 2	02152704071	-
250	2 "	320	180	6 (M10x80)	6	2110	C 2	02152704072	-
250	2" 1/2	320	180	6 (M10x80)	4	2110	C 2	02152704073	-
250	3 "	320	180	6 (M10x80)	4	2130	C 2	02152704074	-
250	4 "	320	180	6 (M10x80)	4	2220	C 2	02152704075	-
315	1" 1/4	390	200	6 (M10x80)	6	2810	C 1	02152704080	-
315	1" 1/2	390	200	6 (M10x80)	6	2820	C 1	02152704081	-
315	2 "	390	200	6 (M10x80)	6	2830	C 1	02152704082	-
315	2" 1/2	390	200	6 (M10x80)	4	2840	C 1	02152704083	-
315	3 "	390	200	6 (M10x80)	4	2850	C 1	02152704084	-
315	4 "	390	200	6 (M10x80)	4	2880	C 1	02152704085	-

Dimension key: d = Ø exterior do tubo (mm), G = Rosca (in), L = Comprimento (mm), Paraf = Parafusos (un), PN/Bar = Pressão nominal (bar)

«O» ring gasket

DI	W	Weight (g)	Pack	REF.	3D
13.11	2.62	-	-	40908093002	-
13.87	3.53	-	-	40908093006	-
18.64	3.53	-	-	40908093008	-

DI	W	Weight (g)	Pack	REF.	3D
-	-	-	-	40908093014	-
-	-	-	-	40908093017	-
40.87	3.53	-	-	40908093054	-
53.90	3.53	-	-	40908093029	-
56.00	6.00	-	-	40908093112	-
63.09	3.53	-	-	40908093031	-
64.00	6.00	-	-	40908093113	-
65.09	3.53	-	-	40908093032	-
70.00	6.00	-	-	40908093114	-
71.44	3.53	-	-	40908093048	-
-	-	-	-	40908093070	-

Dimension key: DI = Ø interior (mm), W = Largura (mm)

15.18 Clamp saddle without reinforce NPT

Material: not defined Threaded 45 references

d	G	L	H	Paraf	PN/Bar	Weight (g)	Pack	REF.	3D
25	" 1/2	61	36	2 (M6x40)	10	55	C 200	02152705003	-
25	" 3/4	61	36	2 (M6x40)	10	63	C 180	02152705004	-
32	" 1/2	76	45	2 (M8x60)	10	123	C 100	02152705005	-
32	" 3/4	76	45	2 (M8x60)	10	130	C 100	02152705006	-
32	1 "	76	45	2 (M8x60)	10	139	C 100	02152705007	-
40	" 1/2	76	55	2 (M8x60)	10	127	C 100	02152705008	-
40	" 3/4	76	55	2 (M8x60)	10	136	C 100	02152705009	-
40	1 "	76	55	2 (M8x60)	10	120	C 90	02152705010	-
50	" 1/2	83	60	2 (M8x60)	10	143	C 80	02152705011	-
50	" 3/4	83	60	2 (M8x60)	10	151	C 80	02152705012	-
50	1 "	83	60	2 (M8x60)	10	156	C 70	02152705013	-
63	" 1/2	102	69	4 (M8x60)	10	250	C 50	02152705014	-
63	" 3/4	102	69	4 (M8x60)	10	250	C 50	02152705015	-
63	1 "	102	69	4 (M8x60)	10	263	C 50	02152705016	-
63	1" 1/4	102	69	4 (M8x60)	10	267	C 50	02152705017	-
63	1" 1/2	102	69	4 (M8x60)	10	290	C 45	02152705018	-
75	" 1/2	120	95	4 (M8x60)	10	348	C 30	02152705019	-
75	" 3/4	120	95	4 (M8x60)	10	350	C 30	02152705020	-
75	1 "	120	95	4 (M8x60)	10	358	C 30	02152705021	-
75	1" 1/2	120	95	4 (M8x60)	10	371	C 30	02152705023	-
90	" 1/2	132	115	6 (M8x60)	10	490	C 20	02152705024	-
90	" 3/4	132	115	6 (M8x60)	10	495	C 20	02152705025	-
90	1 "	132	115	6 (M8x60)	10	504	C 20	02152705026	-
90	1" 1/4	132	115	6 (M8x60)	10	513	C 20	02152705027	-

d	G	L	H	Paraf	PN/Bar	Weight (g)	Pack	REF.	3D
90	1" 1/2	132	115	6 (M8x60)	10	520	C 20	02152705028	-
110	" 1/2	153	129	6 (M8x60)	10	612	C 12	02152705029	-
110	" 3/4	153	129	6 (M8x60)	10	618	C 12	02152705030	-
110	1 "	153	129	6 (M8x60)	10	618	C 12	02152705031	-
110	1" 1/4	153	129	6 (M8x60)	10	620	C 12	02152705032	-
110	1" 1/2	153	129	6 (M8x60)	10	638	C 12	02152705033	-
110	2 "	153	129	6 (M8x60)	10	638	C 12	02152705034	-
125	1"	176	130	6 (M8x60)	10	665	C 12	02152705036	-
125	1 "1/4	176	130	6 (M8x60)	10	680	C 12	02152705037	-
125	1 "1/2	176	130	6 (M8x60)	10	680	C 12	02152705038	-
125	2 "	176	130	6 (M8x60)	10	680	C 12	02152705039	-

Dimension key: d = Ø exterior do tubo (mm), G = Rosca (in), L = Comprimento (mm), Paraf = Parafusos (un), PN/Bar = Pressão nominal (bar)

«O» ring gasket

DI	W	Weight (g)	Pack	REF.	3D
13.11	2.62	-	-	40908093002	-
13.87	3.53	-	-	40908093006	-
18.64	3.53	-	-	40908093008	-
-	-	-	-	40908093014	-
-	-	-	-	40908093017	-
40.87	3.53	-	-	40908093054	-
53.90	3.53	-	-	40908093029	-
63.09	3.53	-	-	40908093031	-
65.09	3.53	-	-	40908093032	-
71.44	3.53	-	-	40908093048	-

Dimension key: DI = Ø interior (mm), W = Largura (mm)

15.11 Clamp saddle with reinforce - screwnuts stainless steel A2

Material: not defined Threaded 68 references

d	G	L	H	Paraf	PN/Bar	Weight (g)	Pack	REF.	3D
16	" 1/2	61	36	2 (M6x40)	10	61	B 70	02182000092	-
20	" 1/2	61	36	2 (M6x40)	10	61	C 200	02182000001	-
20	" 3/4	65	40	2 (M6x40)	10	72	C 200	02182000094	-
20	1"	76	45	2 (M6x40)	10	85	C 200	02182000095	-
25	" 1/2	61	36	2 (M6x40)	10	62	C 200	02182000003	-
25	" 3/4	61	36	2 (M6x40)	10	70	C 180	02182000004	-
25	1"	76	45	2 (M6x40)	10	84	C 150	02182000097	-
32	" 1/2	76	45	2 (M8x60)	10	130	C 100	02182000005	-
32	" 3/4	76	45	2 (M8x60)	10	125	C 100	02182000006	-
32	1 "	76	45	2 (M8x60)	10	146	C 100	02182000007	-
40	" 1/2	76	55	2 (M8x60)	10	134	C 100	02182000008	-

d	G	L	H	Paraf	PN/Bar	Weight (g)	Pack	REF.	3D
40	" 3/4	76	55	2 (M8x60)	10	143	C 100	02182000009	-
40	1 "	76	55	2 (M8x60)	10	140	C 90	02182000010	-
50	" 1/2	83	60	2 (M8x60)	10	150	C 80	02182000011	-
50	" 3/4	83	60	2 (M8x60)	10	158	C 80	02182000012	-
50	1 "	83	60	2 (M8x60)	10	160	C 70	02182000013	-
63	" 1/2	102	69	4 (M8x60)	10	255	C 50	02182000014	-
63	" 3/4	102	69	4 (M8x60)	10	257	C 50	02182000015	-
63	1 "	102	69	4 (M8x60)	10	273	C 50	02182000016	-
63	1" 1/4	102	69	4 (M8x60)	10	277	C 50	02182000017	-
63	1" 1/2	102	69	4 (M8x60)	10	299	C 45	02182000018	-
75	" 1/2	120	95	4 (M8x60)	10	355	C 30	02182000019	-
75	" 3/4	120	95	4 (M8x60)	10	358	C 30	02182000020	-
75	1 "	120	95	4 (M8x60)	10	368	C 30	02182000021	-
75	1" 1/4	120	95	4 (M8x60)	10	376	C 30	02182000022	-
75	1" 1/2	120	95	4 (M8x60)	10	381	C 30	02182000023	-
75	2"	120	95	4 (M8x60)	10	387	C 30	02182000089	-
90	" 1/2	132	115	6 (M8x60)	10	498	C 20	02182000024	-
90	" 3/4	132	115	6 (M8x60)	10	502	C 20	02182000025	-
90	1 "	132	115	6 (M8x60)	10	514	C 20	02182000026	-
90	1" 1/4	132	115	6 (M8x60)	10	523	C 20	02182000027	-
90	1" 1/2	132	115	6 (M8x60)	10	530	C 20	02182000028	-
110	" 1/2	153	129	6 (M8x60)	10	622	C 12	02182000029	-
110	" 3/4	153	129	6 (M8x60)	10	628	C 12	02182000030	-
110	1 "	153	129	6 (M8x60)	10	628	C 12	02182000031	-
110	1" 1/4	153	129	6 (M8x60)	10	628	C 12	02182000032	-
110	1" 1/2	153	129	6 (M8x60)	10	648	C 12	02182000033	-
110	2 "	153	129	6 (M8x60)	10	648	C 12	02182000034	-
125	1"	176	130	6 (M8x60)	10	675	C 12	02182000036	-
125	1 "1/4	176	130	6 (M8x60)	10	680	C 12	02182000037	-
125	1 "1/2	176	130	6 (M8x60)	10	689	C 12	02182000038	-
125	2 "	176	130	6 (M8x60)	10	685	C 12	02182000039	-
140	1 "	192	135	6 (M8x60)	10	800	C 10	02182000041	-
140	1" 1/4	192	135	6 (M8x60)	10	803	C 10	02182000042	-
140	1" 1/2	192	135	6 (M8x60)	10	803	C 10	02182000043	-
140	2 "	192	135	6 (M8x60)	10	825	C 10	02182000044	-
140	2" 1/2	192	135	6 (M8x60)	6	830	C 8	02182000045	-
140	3 "	192	135	6 (M8x60)	6	837	C 8	02182000046	-
160	1 "	212	135	6 (M8x60)	10	874	C 8	02182000048	-
160	1" 1/4	212	135	6 (M8x60)	10	878	C 8	02182000049	-
160	1" 1/2	212	135	6 (M8x60)	10	881	C 8	02182000050	-

d	G	L	H	Paraf	PN/Bar	Weight (g)	Pack	REF.	3D
160	2 "	212	135	6 (M8x60)	10	891	C 8	02182000051	-
160	3 "	212	135	6 (M8x60)	6	925	C 8	02182000053	-
200	1 "	252	140	6 (M8x60)	10	1010	C 6	02182000055	-
200	1" 1/4	252	140	6 (M8x60)	10	1040	C 6	02182000056	-
200	1" 1/2	252	140	6 (M8x60)	10	1046	C 6	02182000057	-
200	2 "	252	140	6 (M8x60)	10	1063	C 6	02182000058	-
200	3 "	252	140	6 (M8x60)	6	1110	C 4	02182000060	-

Dimension key: d = Ø exterior do tubo (mm), G = Rosca (in), L = Comprimento (mm), Paraf = Parafusos (un), PN/Bar = Pressão nominal (bar)

«O» ring gasket

DI	W	Weight (g)	Pack	REF.	3D
13.11	2.62	-	-	40908093002	-
13.87	3.53	-	-	40908093006	-
18.64	3.53	-	-	40908093008	-
-	-	-	-	40908093014	-
-	-	-	-	40908093017	-
40.87	3.53	-	-	40908093054	-
53.90	3.53	-	-	40908093029	-
63.09	3.53	-	-	40908093031	-
65.09	3.53	-	-	40908093032	-
71.44	3.53	-	-	40908093048	-

Dimension key: DI = Ø interior (mm), W = Largura (mm)

16.05 Pipe clips

Material: not defined

Connection: not defined

7 references

7 with CAD file

D	E	F	Fig.	Weight (g)	Pack	REF.	3D
12	16	14	A	1.5	B 1000	02302000012	sim
16	17,5	14	A	2	B 800	02302000016	sim
20	18	14	A	2.2	B 700	02302000020	sim
25	18	18	A	3	B 400	02302000025	sim
32	26	23.5	B	7	B 200	02302000032	sim
40	26	23.5	B	9	B 150	02302000040	sim
50	26	26	B	11	B 100	02302000050	sim

Dimension key: D = Ø exterior do acessório (mm), Fig. = Figura (un)

16.06 Lock for pipe clips

Material: not defined

Connection: not defined

3 references

D	Weight (g)	Pack	REF.	3D
32	1.3	A 200	02302165032	-
40	1.8	A 150	02302165040	-
50	2.5	A 100	02302165050	-

Dimension key: D = Ø exterior do acessório (mm)

16.09 Tube clips

Material: not defined

Connection: not defined

10 references

d	A	B	C	D	E	F	G	H	Weight (g)	Pack	REF.	3D
16	16	30	15	16	34	-	10	5.5	7	1000	20422342016	-
20	20	35	15	16	36	-	11	5.5	8	800	20422342020	-
25	25	41	15	16	40	-	11	5.5	11	600	20422342025	-
32	32	50	15	16	46	-	11	5.5	13	500	20422342032	-
40	40	62	15	20	52	60	11	5.5	24	700	20422342040	-
50	50	71	15	23	61	70	14	7	29	400	20422342050	-
63	63	88	19	23	75	86	14	7	45	270	20422342063	-
75	75	102	19	25	85	103	17	8	67	240	20422342075	-
90	90	123	25	25	103	120	17	8	94	120	20422342090	-
110	110	145	25	25	117	138	17	8	128	120	20422342110	-

Dimension key: d = Ø exterior do tubo (mm), D = Ø exterior do acessório (mm), G = Rosca (mm)

16.10 Support for tube clips

Material: not defined

Connection: not defined

4 references

d	A	B	C	D	E	F	G	H	Weight (g)	Pack	REF.	3D
32	18	18	16	5.5	26.75	27.75	4	3.5	9	1000	20422343032	-
40	23	23	19.5	5.5	32	33.75	4	3.5	13	1500	20422343040	-
50	28	28	22.75	5.5	37	38.75	4	3.5	18	1000	20422343050	-
63	34	34	22.75	5.5	44.75	46.75	4	3.5	22	800	20422343063	-

Dimension key: d = Ø exterior do tubo (mm), D = Ø exterior do acessório (mm), G = Rosca (mm)

16.07 Pipe clips

Material: not defined

Connection: not defined

7 references

7 with CAD file

D	E	F	Fig.	Weight (g)	Pack	REF.	3D
12	16	14	A	1.5	B 1000	02302500012	sim
16	17.5	14	A	2	B 800	02302500016	sim
20	18	14	A	2.2	B 700	02302500020	sim
25	18	18	A	3	B 400	02302500025	sim
32	26	23.5	B	7	B 200	02302500032	sim
40	26	23.5	B	9	B 150	02302500040	sim
50	26	26	B	11	B 100	02302500050	sim

Dimension key: D = Ø exterior do acessório (mm), Fig. = Figura (un)

16.08 White lock for pipe clips

Material: not defined

Connection: not defined

3 references

D	Weight (g)	Pack	REF.	3D
32	1.3	A 200	02302565032	-
40	1.8	A 150	02302565040	-
50	2.5	A 100	02302565050	-

Dimension key: D = Ø exterior do acessório (mm)

17.05 Pipe brackets (Screwnuts Stainless Steel - A2)

PVC-U

Connection: not defined

5 references

D	Weight (g)	Pack	REF.	3D
63	44	C 200	01361000063	-
75	51	C 140	01361000075	-
90	57	C 120	01361000090	-
110	69	C 80	01361000110	-
125	100	C 60	01361000125	-

Dimension key: D = Ø exterior do acessório (mm)

17.06 Pipe brackets (Screwnuts Stainless Steel - A2)

PVC-U

Connection: not defined

5 references

D	Weight (g)	Pack	REF.	3D
63	44	C 200	01361500063	-
75	51	C 140	01361500075	-
90	57	C 120	01361500090	-
110	69	C 80	01361500110	-
125	100	C 60	01361500125	-

Dimension key: D = Ø exterior do acessório (mm)

17.07 Pipe brackets and clip fastening screwnut

PVC-U

Connection: not defined

1 references

D	Weight (g)	Pack	REF.	3D
M6x40	4	250	40959091865	-

Dimension key: D = Ø exterior do acessório

17.08 PEHD wall plugs

PE

Connection: not defined

4 references

D	I	Weight (g)	Pack	REF.	3D
5	25	0.2	B 3000	05505000005	-
6	30	0.4	B 2500	05505000006	-
8	40	1	B 1200	05505000008	-
10	50	2.2	B 900	05505000010	-

Dimension key: D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm)

17.09 Nylon wall plugs

PVC-U

Connection: not defined

4 references

D	I	Weight (g)	Pack	REF.	3D
5	25	0.3	B 3000	03503000005	-
6	30	0.5	B 2500	03503000006	-
8	40	1.2	B 1200	03503000008	-
10	50	2.9	B 900	03503000010	-

Dimension key: D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm)

18.10 Tapped cone elbows

Material: not defined

Threaded

2 references

G	D	D1	L	L1	L2	Z	Weight (g)	Pack	REF.	3D
" 1/2	" 5/8	" 1/2	50	26	19	14	11	B 100	02452047005	-
" 3/4	1"	" 3/4	70	39	19	18	28	B 50	02452047006	-

Dimension key: G = Rosca (in), D = Ø exterior do acessório (in), D1 = Ø exterior do acessório (2) (in), L = Comprimento (mm), L1 = Comprimento (2) (mm), L2 = Comprimento (3) (mm)

18.11 Fluted cone elbows

Material: not defined

Connection: not defined

2 references

G	D1	D2	L	L1	L2	Z	Weight (g)	Pack	REF.	3D
" 5/8	" 1/2	19	50	26	19	14	11	B 100	02452047015	-
1"	" 3/4	22	70	39	19	18	29	B 50	02452047016	-

Dimension key: G = Rosca (in), D1 = Ø exterior do acessório (2) (in), D2 = Ø exterior do acessório (3) (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm), L2 = Comprimento (3) (mm)

18.12 Multiple nozzles

Material: not defined

Connection: not defined

2 references

D	D1	I	L	L1	Weight (g)	Pack	REF.	3D
" 5/8	" 1/2	104	50	26	10	B 100	02452046005	-
1"	" 3/4	144	70	39	34	B 50	02452046006	-

Dimension key: D = Ø exterior do acessório (in), D1 = Ø exterior do acessório (2) (in), I = Profundidade de encaixe (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm)

18.13 Reducing multiple nozzles

Material: not defined

Connection: not defined

1 references

D	D1	D2	D3	I	Weight (g)	Pack	REF.	3D
1"	" 3/4	" 1/2	" 5/8	124	23	B 40	02452046015	-

Dimension key: D = Ø exterior do acessório (in), D1 = Ø exterior do acessório (2) (in), D2 = Ø exterior do acessório (3) (in), I = Profundidade de encaixe (mm)

18.14 Conic hose nozzles

Material: not defined

Connection: not defined

6 references

G	I	D	S	Weight (g)	Pack	REF.	3D
" 1/2	57	12	22	9	B 200	05455013012	-
" 3/4	63	17	30	14	B 120	05455013034	-
1"	70	24	36	21	B 70	05455013100	-
1" 1/4	80	29	44	37	B 50	05455013114	-
1" 1/2	86	39	49	52	B 40	05455013150	-
2"	105	45	63	93	B 20	05455013200	-

Dimension key: G = Rosca (in), I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

18.15 Hose nozzles

Material: not defined

Connection: not defined

6 references

G	I	D	S	Weight (g)	Pack	REF.	3D
" 1/2	86	20	22	13	B 140	05455113012	-
" 3/4	92	25	27	19	B 80	05455113034	-
1"	92	30	36	27	B 50	05455113100	-
1" 1/4	115	40	46	51	B 30	05455113114	-
1" 1/2	115	45	50	58	B 25	05455113150	-
2"	115	55	62	91	B 15	05455113200	-

Dimension key: G = Rosca (in), I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

18.16 Fluted sockets

Material: not defined

Connection: not defined

1 references

G	d	L	I	Weight (g)	Pack	REF.	3D
17	13	30	65	5	-	05455120017	-

Dimension key: G = Rosca (mm), d = Ø exterior do tubo (mm), L = Comprimento (mm), I = Profundidade de encaixe (mm)

18.17 Spiral barb elbow

Material: not defined

Connection: not defined

2 references

d	D	G	I	I1	L	Weight (g)	Pack	REF.	3D
16	13.8	" 1/2	34	45	16	7	B 200	05455336005	-
16	13.8	" 3/4	34	45	16	8	B 200	05455336006	-

Dimension key: d = Ø exterior do tubo (mm), D = Ø exterior do acessório (mm), G = Rosca (in), I = Profundidade de encaixe (mm), I1 = Profundidade de encaixe (2) (mm), L = Comprimento (mm)

18.18 Micro elbows

Material: not defined

Connection: not defined

1 references

D	L	Z	Weight (g)	Pack	REF.	3D
6	11	6	1	A 500	02452042006	-

Dimension key: D = Ø exterior do acessório (mm), L = Comprimento (mm)

18.19 Micro tees

Material: not defined

Connection: not defined

1 references

D	L	Z	Weight (g)	Pack	REF.	3D
6	11	6	1	A 500	02452148006	-

Dimension key: D = Ø exterior do acessório (mm), L = Comprimento (mm)

18.21 Micro sockets

Material: not defined

Connection: not defined

1 references

D	d	L	I	Weight (g)	Pack	REF.	3D
6	4	11	25	0.5	A 500	02452043006	-

Dimension key: D = Ø exterior do acessório (mm), d = Ø exterior do tubo (mm), L = Comprimento (mm), I = Profundidade de encaixe (mm)

18.22 Micro bearers

Material: not defined

Connection: not defined

1 references

D	d	I	L	L1	Weight (g)	Pack	REF.	3D
6	4	24	11	11	1	A 500	02452045006	-

Dimension key: D = Ø exterior do acessório (mm), d = Ø exterior do tubo (mm), I = Profundidade de encaixe (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm)

18.23 Micro plugs

Material: not defined

Connection: not defined

1 references

D	I	L	Weight (g)	Pack	REF.	3D
6	15	11	1	A 1000	02452044006	-

Dimension key: D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm), L = Comprimento (mm)

18.24 Drippers (tap) 2 litres

Material: not defined

Connection: not defined

1 references

d	D	I	Weight (g)	Pack	REF.	3D
8	2	34	1.5	B 1500	02452069005	-

Dimension key: d = Ø exterior do tubo (mm), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm)

18.25 Drippers 4 litres

Material: not defined

Connection: not defined

1 references

D	I	Weight (g)	Pack	REF.	3D
10	63.5	2.5	B 500	02452069010	-

Dimension key: D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm)

18.26 Threaded grommets

Material: not defined

Threaded

2 references

G	D	I	L	Weight (g)	Pack	REF.	3D
" 1/2	24	14	8	5	B 400	01451048005	-
" 3/4	28	14	8	6	B 300	01451048006	-

Dimension key: G = Rosca (in), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm), L = Comprimento (mm)

18.07 Round grates

Material: not defined

Connection: not defined

2 references

D	A	I	Z	R	Weight (g)	Pack	REF.	3D
206	245	66	12	185	540	D 16	02452302265	-
326	390	66	12	302	1670	D 6	02452302410	-

Dimension key: D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm)

18.08 Round grates

Material: not defined

Connection: not defined

2 references

B	A	I	Z	R	Weight (g)	Pack	REF.	3D
-	245	66	12	185	540	D 16	02452302265	-
-	390	66	12	302	1670	D 6	02452302410	-

Dimension key: I = Profundidade de encaixe (mm)

18.05 Valve box rectangular

Material: not defined

Connection: not defined

1 references

A	B	C	D	E	F	G	H	I	J	Weight (g)	Pack	REF.	3D
540	410	320	405	272	110	123	85	72	58	2080	18	02452375010	-

Dimension key: D = Ø exterior do acessório (mm), G = Rosca (mm), I = Profundidade de encaixe (mm)

18.06 Valve box round

Material: not defined

Connection: not defined

1 references

A	B	C	D	E	F	G	Weight (g)	Pack	REF.	3D
340	241	265	123	85	72	58	1080	64	02452376010	-

Dimension key: D = Ø exterior do acessório (mm), G = Rosca (mm)

18.27 Elbows

Material: not defined

Connection: not defined

2 references

D	I	Weight (g)	Pack	REF.	3D
12	30	2.3	500	20452001012	-
20	43	7	200	20452001020	-

Dimension key: D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm)

18.29 Reducing tees

Material: not defined

Connection: not defined

2 references

D	D1	L	L1	I	Weight (g)	Pack	REF.	3D
16	12	35	32	70	4.2	1000	20452004005	-
20	12	42	33	84	8.2	500	20452004007	-

Dimension key: D = Ø exterior do acessório (mm), D1 = Ø exterior do acessório (2) (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm), I = Profundidade de encaixe (mm)

18.30 Sockets

Material: not defined

Connection: not defined

2 references

D	I	Weight (g)	Pack	REF.	3D
12	47	1.6	1000	20452005012	-
20	64	5.3	800	20452005020	-

Dimension key: D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm)

18.32 Caps

Material: not defined

Connection: not defined

2 references

D	I	Weight (g)	Pack	REF.	3D
12	31	1	1000	20452012012	-
20	37	3	400	20452012020	-

Dimension key: D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm)

18.33 Valves

Material: not defined

Connection: not defined

2 references

D	I	Weight (g)	Pack	REF.	3D
12	70	9.3	500	20452077012	-
20	101	20	225	20452077020	-

Dimension key: D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm)

18.34 Saddles

Material: not defined

Connection: not defined

2 references

D	D1	I	Weight (g)	Pack	REF.	3D
12	12	36	1.3	1000	20452013012	-
20	16	44	3.2	1600	20452013020	-

Dimension key: D = Ø exterior do acessório (mm), D1 = Ø exterior do acessório (2) (mm), I = Profundidade de encaixe (mm)

18.36 Reduced union

Material: not defined

Connection: not defined

2 references

D	D1	I	Weight (g)	Pack	REF.	3D
16	12	51	2.2	400	20452007005	-
20	16	59	4.2	300	20452007006	-

Dimension key: D = Ø exterior do acessório (mm), D1 = Ø exterior do acessório (2) (mm), I = Profundidade de encaixe (mm)

18.17a Spiral barb elbow

Material: not defined

Connection: not defined

2 references

d	D	G	I	I1	L	Weight (g)	Pack	REF.	3D
16	13.8	" 1/2	34	45	16	11	B 200	01011336005	-
16	13.8	" 3/4	34	45	16	13	B 200	01011336006	-

Dimension key: d = Ø exterior do tubo (mm), D = Ø exterior do acessório (mm), G = Rosca (in), I = Profundidade de encaixe (mm), I1 =

Profundidade de encaixe (2) (mm), L = Comprimento (mm)

19.06 Elbows 90°

Material: not defined

Quick coupling

10 references

d	A	B	C	D	E	F	G	H	Weight (g)	Pack	REF.	3D
16	75	39	35	17	17	12	12	3	56	-	20412001016	-
20	88	46	39	22	22	12	7	3.5	80	-	20412001020	-
25	98	52	41	27	26	13	10	4	112	-	20412001025	-
32	118	64	52	34	33	19	12	5	181	100	20412001032	-
40	140	78	61	41	41	23	13	6	339	60	20412001040	-
50	158	92	68	51	51	31	13	6.5	470	36	20412001050	-
63	197	109	83	64	64	39	22	7	780	24	20412001063	-
75	215	132	107	76	77	40	23	8	1140	12	20412001075	-
90	268	151	131	94	91	57	31	8	1940	8	20412001090	-
110	369	175	166	112	112	57	36	9	3430	4	20412001110	-

Dimension key: d = Ø exterior do tubo (mm), D = Ø exterior do acessório (mm), G = Rosca (mm)

19.07 Tees 90°

Material: not defined

Quick coupling

10 references

d	A	B	C	D	E	F	G	H	I	Weight (g)	Pack	REF.	3D
16	115	75	35	39	17	17	12	12	3	70	-	20412003016	-
20	135	88	39	46	22	22	12	7	3.5	120	-	20412003020	-
25	148	97	41	52	26	27	13	10	4	150	-	20412003025	-
32	179	118	52	64	33	34	19	12	5	273	70	20412003032	-
40	209	203	61	78	41	41	23	13	6	502	40	20412003040	-
50	239	160	68	92	51	51	31	13	6.5	701	25	20412003050	-
63	296	197	83	109	64	64	39	22	7	1160	16	20412003063	-
75	320	217	107	132	77	76	40	23	8	1700	8	20412003075	-
90	402	266	131	151	91	94	57	31	8	2730	5	20412003090	-
110	565	364	166	175	112	112	57	36	9	4900	2	20412003110	-

Dimension key: d = Ø exterior do tubo (mm), D = Ø exterior do acessório (mm), G = Rosca (mm), I = Profundidade de encaixe (mm)

19.08 Reducing tees 90°

Material: not defined

Quick coupling

9 references

d	d1	A	B	C	D	E	F	G	H	Weight (g)	Pack	REF.	3D
20	16	135	82	46	39	39	35	17	17	110	-	20412004103	-
25	20	149	98	52	41	46	39	22	22	163	-	20412004105	-
32	25	178	104	64	52	52	41	27	26	230	80	20412004110	-
40	32	208	136	78	61	64	52	34	33	419	40	20412004115	-
50	40	239	150	92	68	78	61	41	41	623	25	20412004120	-
63	50	296	182	109	83	92	68	51	52	1030	16	20412004125	-

d	d1	A	B	C	D	E	F	G	H	Weight (g)	Pack	REF.	3D
75	63	318	208	132	107	109	83	64	65	1500	8	20412004130	-
90	75	402	246	151	131	132	107	76	78	2400	5	20412004135	-
110	90	562	302	175	166	151	131	94	92	4560	2	20412004140	-

Dimension key: d = Ø exterior do tubo (mm), d1 = Ø exterior do tubo (2.ª saída) (mm), D = Ø exterior do acessório (mm), G = Rosca (mm)

19.09 Female union elbows 90°

Material: not defined Threaded 17 references

d	d1	A	B	C	D	E	F	G	H	Weight (g)	Pack	REF.	3D
20	" 1/2	91	68	39	22	22	12	7	3.5	68	-	20412002005	-
20	" 3/4	91	67	39	22	22	12	7	3.5	65	-	20412002006	-
25	" 1/2	104	73	41	27	26	13	10	4	84	-	20412002009	-
25	" 3/4	104	74	41	27	26	13	10	4	79	-	20412002010	-
25	1"	92	74	41	27	26	13	10	4	83	-	20412002011	-
32	" 3/4	121	79	52	34	33	19	12	5	122	-	20412002013	-
32	1"	121	74	52	34	33	19	12	5	117	75	20412002015	-
40	1" 1/4	137	97	61	41	41	23	13	6	200	75	20412002020	-
40	1" 1/2	137	96	61	41	41	23	13	6	239	75	20412002021	-
50	1" 1/2	154	111	68	51	51	31	13	6.5	325	55	20412002025	-
50	2"	156	112	68	51	51	31	13	6.5	350	55	20412002026	-
63	2"	191	134	83	64	64	39	22	7	505	30	20412002030	-
63	2" 1/2	191	137	83	64	64	39	22	7	600	30	20412002031	-
75	2" 1/2	217	172	107	76	77	40	23	8	790	15	20412002060	-
75	3"	220	174	107	76	77	40	23	8	920	15	20412002061	-
90	3"	265	170	131	94	91	57	31	8	1190	10	20412002065	-
110	4"	337	233	166	112	112	57	36	9	2240	6	20412002070	-

Dimension key: d = Ø exterior do tubo (mm), d1 = Ø exterior do tubo (2.ª saída) (in), D = Ø exterior do acessório (mm), G = Rosca (mm)

19.10 Female union tees 90°

Material: not defined Threaded 20 references

d	d1	A	B	C	D	E	F	G	H	Weight (g)	Pack	REF.	3D
16	" 1/2	110	46	39	17	17	12	12	3	67	-	20412004003	-
16	" 3/4	112	46	39	17	17	12	12	3	65	-	20412004004	-
20	" 1/2	132	54	46	22	21	12	7	3.5	103	-	20412004005	-
20	" 3/4	132	54	46	22	21	12	7	3.5	101	-	20412004006	-
25	" 1/2	139	57	52	27	26	13	10	4	111	-	20412004009	-
25	" 3/4	139	57	52	27	26	13	10	4	126	-	20412004010	-
25	1"	142	60	52	27	26	13	10	4	131	-	20412004011	-
32	" 3/4	169	66	64	34	33	19	12	5	203	100	20412004014	-
32	1"	169	66	64	34	33	19	12	5	198	100	20412004015	-
40	1" 1/4	209	98	78	41	42	23	13	6	380	45	20412004020	-

d	d1	A	B	C	D	E	F	G	H	Weight (g)	Pack	REF.	3D
40	1" 1/2	209	100	78	41	42	23	13	6	387	45	20412004021	-
50	1" 1/2	235	113	92	51	52	31	13	6.5	551	30	20412004025	-
50	2"	235	113	92	51	52	31	13	6.5	536	30	20412004026	-
63	2"	281	121	109	64	66	39	22	7	920	18	20412004030	-
63	2" 1/2	281	141	109	64	65	39	22	7	960	18	20412004031	-
75	2"	321	171	132	76	78	40	23	8	1384	10	20412004059	-
75	2" 1/2	321	173	132	76	78	40	23	8	1330	10	20412004060	-
75	3"	321	174	132	76	78	40	23	8	1470	10	20412004061	-
90	3"	402	200	151	94	92	57	31	8	2221	7	20412004065	-
110	4"	565	230	175	112	113	57	36	9	3730	4	20412004070	-

Dimension key: d = Ø exterior do tubo (mm), d1 = Ø exterior do tubo (2.ª saída) (in), D = Ø exterior do acessório (mm), G = Rosca (mm)

19.12 Male union elbows 90°

Material: not defined Threaded 19 references

d	d1	A	B	C	D	E	F	G	H	I	Weight (g)	Pack	REF.	3D
16	" 1/2	75	56	39	35	17	17	12	12	3	37	-	20412085003	-
16	" 3/4	75	57	39	35	17	17	12	12	3	37	-	20412085004	-
20	" 1/2	85	61	46	39	22	22	12	7	3.5	52	-	20412085005	-
20	" 3/4	89	33	46	39	22	22	12	7	3.5	50	-	20412085006	-
25	" 1/2	90	69	52	41	27	27	13	10	4	75	-	20412085009	-
25	" 3/4	91	69	52	41	27	27	13	10	4	76	-	20412085010	-
25	1"	93	78	52	41	27	27	13	10	4	79	-	20412085011	-
32	" 3/4	121	84	64	52	34	33	19	12	5	122	-	20412085014	-
32	1"	112	84	64	52	34	33	19	12	5	119	-	20412085015	-
40	1" 1/4	136	92	78	61	41	41	23	13	6	210	90	20412085020	-
40	1" 1/2	137	92	78	61	41	41	23	13	6	190	90	20412085021	-
50	1" 1/2	153	111	92	68	51	52	31	13	6.5	320	60	20412085025	-
50	2"	153	115	92	68	51	52	31	13	6.5	355	60	20412085026	-
63	2 "	191	133	109	83	64	65	39	22	7	525	30	20412085030	-
63	2" 1/2	191	134	109	83	64	65	39	22	7	520	30	20412085031	-
75	2" 1/2	219	172	132	107	76	78	40	23	8	730	15	20412085060	-
75	3"	218	172	132	107	76	78	40	23	8	835	15	20412085061	-
90	3"	265	172	151	131	94	92	57	31	8	1180	10	20412085065	-
110	4"	336	221	175	166	112	113	57	36	9	2040	6	20412085070	-

Dimension key: d = Ø exterior do tubo (mm), d1 = Ø exterior do tubo (2.ª saída) (in), D = Ø exterior do acessório (mm), G = Rosca (mm), I = Profundidade de encaixe (mm)

19.14 Male union tees 90°

Material: not defined

Threaded

22 references

d	d1	A	B	C	D	E	F	G	H	Weight (g)	Pack	REF.	3D
16	" 1/2	101	55	39	17	17	12	12	3	63	-	20412086003	-
16	" 3/4	101	58	39	17	17	12	12	3	63	-	20412086004	-
20	" 1/2	117	64	46	22	22	12	7	3.5	104	-	20412086005	-
20	" 3/4	117	66	46	22	22	12	7	3.5	104	-	20412086006	-
20	1"	117	68	46	22	22	12	7	3.5	113	-	20412086007	-
25	" 1/2	130	72	52	27	26	13	10	4	129	-	20412086009	-
25	" 3/4	130	72	52	27	26	13	10	4	132	-	20412086010	-
25	1"	130	74	52	27	26	13	10	4	133	-	20412086011	-
32	" 1/2	152	78	64	34	33	19	12	5	196	100	20412086013	-
32	" 3/4	152	79	64	34	33	19	12	5	206	100	20412086014	-
32	1"	152	83	64	34	33	19	12	5	204	85	20412086015	-
40	1"	178	96	78	41	42	23	13	6	367	50	20412086019	-
40	1" 1/4	178	101	78	41	42	23	13	6	368	50	20412086020	-
40	1" 1/2	178	111	78	41	42	23	13	6	373	50	20412086021	-
50	1" 1/2	199	115	92	51	52	31	13	6.5	528	30	20412086025	-
50	2"	199	115	92	51	52	31	13	6.5	538	30	20412086026	-
63	2"	248	138	109	64	65	39	22	7	717	20	20412086030	-
75	2"	276	171	132	76	78	40	23	8	1348	10	20412086059	-
75	2" 1/2	276	171	132	76	78	40	23	8	1280	10	20412086060	-
75	3"	276	171	132	76	78	40	23	8	1416	10	20412086061	-
90	3"	344	196	151	94	92	57	31	8	2250	6	20412086065	-
110	4"	480	220	175	112	113	57	36	9	3680	4	20412086070	-

Dimension key: d = Ø exterior do tubo (mm), d1 = Ø exterior do tubo (2.ª saída) (in), D = Ø exterior do acessório (mm), G = Rosca (mm)

19.16 Caps

Material: not defined

Quick coupling

10 references

d	A	B	C	D	E	F	G	H	Weight (g)	Pack	REF.	3D
16	55	35	35	17	17	12	12	3	32	-	20412012016	-
20	64	39	41	22	22	12	7	3.5	55	-	20412012020	-
25	67	41	46	27	26	13	10	4	50	-	20412012025	-
32	78	52	56	34	33	19	12	5	104	-	20412012032	-
40	90	61	69	41	41	23	13	6	171	125	20412012040	-
50	105	68	80	51	51	31	13	6.5	240	80	20412012050	-
63	126	83	98	64	64	39	22	7	402	45	20412012063	-
75	150	107	117	76	77	40	23	8	610	26	20412012075	-
90	175	131	137	94	92	57	31	8	980	16	20412012090	-
110	225	166	164	112	113	57	36	9	1640	10	20412012110	-

Dimension key: d = Ø exterior do tubo (mm), D = Ø exterior do acessório (mm), G = Rosca (mm)

19.17 Coupling

Material: not defined

Quick coupling

10 references

d	A	B	C	D	E	F	G	H	Weight (g)	Pack	REF.	3D
16	89	35	39	17	3	12	12	17	54	-	20412005016	-
20	104	39	46	22	3.5	7	12	22	89	-	20412005020	-
25	109	41	52	26	4	10	13	27	90	-	20412005025	-
32	132	52	64	33	5	12	19	34	172	-	20412005032	-
40	146	61	78	41	6	13	23	41	280	72	20412005040	-
50	174	68	92	51	6.5	13	31	51	437	44	20412005050	-
63	208	83	109	64	7	22	39	64	660	30	20412005063	-
75	251	107	132	77	8	23	40	76	1040	16	20412005075	-
90	294	131	151	91	8	31	57	94	1640	10	20412005090	-
110	383	166	175	112	9	36	57	112	2770	5	20412005110	-

Dimension key: d = Ø exterior do tubo (mm), D = Ø exterior do acessório (mm), G = Rosca (mm)

19.18 Reduced union

Material: not defined

Quick coupling

17 references

d	d1	A	B	C	D	E	F	G	H	Weight (g)	Pack	REF.	3D
20	16	100	35	39	39	46	22	12	7	71	-	20412007003	-
25	16	101	35	41	39	52	27	13	10	85	-	20412007004	-
25	20	106	39	41	46	52	27	13	10	98	-	20412007005	-
32	20	120	39	52	46	64	34	19	12	138	-	20412007009	-
32	25	125	41	52	52	64	34	19	12	142	-	20412007010	-
40	25	130	41	61	52	7	41	23	13	207	100	20412007014	-
40	32	140	52	61	64	78	41	23	13	240	85	20412007015	-
50	25	147	41	68	52	92	51	31	13	260	60	20412007018	-
50	32	162	52	68	64	92	51	31	13	307	60	20412007019	-
50	40	163	61	68	78	92	51	31	13	367	60	20412007020	-
63	32	169	52	64	83	109	64	39	22	460	40	20412007023	-
63	50	193	61	78	83	109	64	39	22	560	30	20412007025	-
75	63	232	83	109	107	132	76	40	23	882	18	20412007030	-
90	63	253	83	109	131	151	94	57	31	1130	12	20412007034	-
90	75	265	107	132	131	151	94	57	31	1270	12	20412007035	-
110	75	348	107	132	166	175	112	57	36	2210	8	20412007039	-
110	90	353	131	151	166	175	112	57	36	2250	8	20412007040	-

Dimension key: d = Ø exterior do tubo (mm), d1 = Ø exterior do tubo (2.ª saída) (mm), D = Ø exterior do acessório (mm), G = Rosca (mm)

19.20 Female nipple

Material: not defined

Quick coupling

31 references

d	d1	A	B	C	D	E	F	G	H	I	Weight (g)	Pack	REF.	3D
16	" 3/8	71	37	35	39	17	17	12	12	3	33	-	20412065002	-
16	" 1/2	73	34	35	39	17	17	12	12	3	40	-	20412065003	-
16	" 3/4	73	34	35	39	17	17	12	12	3	36	-	20412065004	-
20	" 3/8	70	41	39	46	22	22	12	7	3.5	47	-	20412065006	-
20	" 1/2	70	41	39	46	22	22	12	7	3.5	54	-	20412065005	-
20	" 3/4	70	41	39	46	22	22	12	7	3.5	51	-	20412065010	-
25	" 1/2	73	46	41	52	26	27	13	10	4	69	-	20412065019	-
25	"3/4	73	46	41	52	26	27	13	10	4	66	-	20412065020	-
25	1"	77	54	41	52	26	27	13	10	4	60	-	20412065022	-
32	" 1/2	86	56	52	64	33	34	19	12	5	115	-	20412065033	-
32	"3/4	86	56	52	64	33	34	19	12	5	109	-	20412065034	-
32	1"	87	56	52	64	33	34	19	12	5	103	-	20412065035	-
32	1" 1/4	101	69	52	64	33	34	19	12	5	150	-	20412065036	-
32	1" 1/2	103	56	52	64	33	34	19	12	5	160	-	20412065037	-
40	1"	115	70	61	78	41	41	23	13	6	170	100	20412065044	-
40	1" 1/4	106	68	61	78	41	41	23	13	6	186	100	20412065045	-
40	1" 1/2	106	69	61	78	41	41	23	13	6	199	100	20412065046	-
50	1" 1/4	120	82	68	92	51	51	31	13	6.5	253	65	20412065049	-
50	1" 1/2	122	83	68	92	51	51	31	13	6.5	230	65	20412065050	-
50	2"	132	74	68	92	51	51	31	13	6.5	250	65	20412065051	-
63	1" 1/2	141	99	83	109	64	64	39	22	7	400	45	20412065054	-
63	2"	151	99	83	109	64	64	39	22	7	380	45	20412065055	-
63	2" 1/2	152	99	83	109	64	64	39	22	7	450	40	20412065056	-
75	2"	167	117	107	132	77	76	40	23	8	610	26	20412065059	-
75	2" 1/2	172	117	107	132	77	76	40	23	8	610	26	20412065060	-
75	3"	173	117	107	132	77	76	40	23	8	740	26	20412065061	-
90	2" 1/2	208	137	131	151	91	94	57	31	8	1030	16	20412065064	-
90	3"	221	137	131	151	91	94	57	31	8	1120	16	20412065065	-
90	4"	219	157	131	151	91	94	57	31	8	1380	16	20412065066	-
110	3"	279	157	166	175	112	112	57	36	9	1750	8	20412065069	-
110	4"	292	157	166	175	112	112	57	36	9	1186	8	20412065070	-

Dimension key: d = Ø exterior do tubo (mm), d1 = Ø exterior do tubo (2.ª saída) (in), D = Ø exterior do acessório (mm), G = Rosca (mm), I = Profundidade de encaixe (mm)

19.22 Male nipple

Material: not defined

Quick coupling

35 references

d	d1	A	B	C	D	E	F	G	H	Weight (g)	Pack	REF.	3D
16	" 3/8	70	34	35	17	17	12	12	3	33	-	20412037002	-
16	" 1/2	70	34	35	17	17	12	12	3	34	-	20412037003	-
16	" 3/4	72	34	35	17	17	12	12	3	35	-	20412037004	-
20	" 1/2	88	41	39	22	22	12	7	3.5	56	-	20412037005	-
20	" 3/4	88	41	39	22	22	12	7	3.5	57	-	20412037010	-
20	1"	92	42	39	22	22	12	7	3.5	62	-	20412037011	-
25	" 1/2	92	46	41	27	26	13	10	4	67	-	20412037015	-
25	"3/4	83	46	41	27	26	13	10	4	68	-	20412037020	-
25	1"	84	46	41	27	26	13	10	4	72	-	20412037025	-
32	" 1/2	100	56	52	34	33	19	12	5	90	-	20412037029	-
32	"3/4	95	56	52	34	33	19	12	5	103	-	20412037030	-
32	1"	96	56	52	34	33	19	12	5	107	-	20412037035	-
32	1" 1/4	99	56	52	34	33	19	12	5	113	-	20412037040	-
32	1" 1/2	99	56	52	34	33	19	12	5	117	-	20412037041	-
40	1"	110	69	61	41	41	23	13	6	176	100	20412037042	-
40	1" 1/4	109	69	61	41	41	23	13	6	179	100	20412037045	-
40	1" 1/2	109	69	61	41	41	23	13	6	180	100	20412037046	-
40	2"	113	69	61	41	41	23	13	6	194	100	20412037047	-
50	1"	130	81	61	41	53	23	13	6.5	240	80	20412037048	-
50	1" 1/4	132	81	61	41	53	23	13	6.5	250	80	20412037049	-
50	1" 1/2	124	79	61	41	53	23	13	6.5	250	80	20412037050	-
50	2"	127	79	61	41	53	23	13	6.5	250	70	20412037052	-
63	1" 1/2	166	98	83	64	65	39	22	7	402	45	20412037053	-
63	2"	165	98	83	64	65	39	22	7	409	45	20412037055	-
63	2" 1/2	165	99	83	64	65	39	22	7	440	40	20412037056	-
75	2"	172	117	107	76	77	40	23	8	600	26	20412037059	-
75	2" 1/2	173	117	107	76	77	40	23	8	600	26	20412037060	-
75	3"	177	117	107	76	77	40	23	8	602	26	20412037061	-
90	2"	200	137	131	94	93	57	31	8	1070	16	20412037063	-
90	2" 1/2	201	137	131	94	93	57	31	8	970	16	20412037064	-
90	3"	207	137	131	94	93	57	31	8	980	16	20412037065	-
90	4"	214	137	131	94	93	57	31	8	1120	16	20412037066	-
110	2"	242	164	166	112	113	57	36	9	1650	8	20412037068	-
110	3"	251	164	166	112	113	57	36	9	1660	8	20412037069	-
110	4"	257	164	166	112	113	57	36	9	1168	8	20412037070	-

Dimension key: d = Ø exterior do tubo (mm), d1 = Ø exterior do tubo (2.ª saída) (in), D = Ø exterior do acessório (mm), G = Rosca (mm)

19.24 Elbow with wall suport

Material: not defined Quick coupling 2 references

d	d1	A	B	C	D	E	F	G	H	Weight (g)	Pack	REF.	3D
20	" 1/2	73	60	18	59	110	52	39	46	72	-	20412195005	-
25	" 3/4	86	73	24	69	127	57	41	52	97	-	20412195020	-

Dimension key: d = Ø exterior do tubo (mm), d1 = Ø exterior do tubo (2.ª saída) (in), D = Ø exterior do acessório (mm), G = Rosca (mm)

19.29 Elbow 90°

Material: not defined

Quick coupling

10 references

d	A	L	Z	I	Weight (g)	Pack	REF.	3D
16	47	54	13	67	88	45	20402001016	-
20	47	54	13	67	82	45	20402001020	-
25	54	56	17	73	105	30	20402001025	-
32	63	61	18	79	304	20	20402001032	-
40	80	74	23	97	304	10	20402001040	-
50	94	85	28	113	506	12	20402001050	-
63	116	95	29	124	916	-	20402001063	-
75	121	134	48	182	1250	-	20402001075	-
90	146	155	51	208	1890	-	20402001090	-
110	176	176	58	234	3310	-	20402001110	-

Dimension key: d = Ø exterior do tubo (mm), L = Comprimento (mm), I = Profundidade de encaixe (mm)

19.30 Elbow with wall suport

Material: not defined

Quick coupling

2 references

d	G	A	L	L1	Z	I	R	Weight (g)	Pack	REF.	3D
20	" 1 / 2	47	18	65	11	29	21	66	50	20402195005	-
25	" 3 / 4	54	20	73	11	31	21	86	40	20402195020	-

Dimension key: d = Ø exterior do tubo (mm), G = Rosca (in), L = Comprimento (mm), L1 = Comprimento (2) (mm), I = Profundidade de encaixe (mm)

19.31 Tee 90°

Material: not defined

Quick coupling

10 references

d	A	L	Z	Z1	I	Weight (g)	Pack	REF.	3D
16	47	54	26	13	134	127	30	20402003016	-
20	47	54	26	13	134	115	30	20402003020	-
25	54	56	34	17	146	165	20	20402003025	-
32	63	61	36	18	158	250	12	20402003032	-
40	80	74	46	23	194	441	5	20402003040	-
50	94	85	56	28	226	726	8	20402003050	-
63	116	95	58	29	248	1300	-	20402003063	-
75	121	134	96	48	364	1900	-	20402003075	-
90	146	155	102	51	416	2850	-	20402003090	-
110	176	176	116	58	468	4750	-	20402003110	-

Dimension key: d = Ø exterior do tubo (mm), L = Comprimento (mm), I = Profundidade de encaixe (mm)

19.32 Reducing tee 90°

Material: not defined

Quick coupling

6 references

d	d1	A	A1	L	L1	Z	Z1	I	I1	Weight (g)	Pack	REF.	3D
25	20	54	47	56	54	34	21	146	75	160	20	20402004105	-
32	25	63	54	61	56	36	31	158	87	250	12	20402004110	-
40	32	80	63	74	61	46	38	194	99	390	8	20402004115	-
50	32	94	63	85	65	56	36	226	102	600	8	20402004119	-
50	40	94	80	85	74	56	43	226	117	657	8	20402004120	-
63	50	116	94	95	85	58	37	248	122	1160	8	20402004125	-

Dimension key: d = Ø exterior do tubo (mm), d1 = Ø exterior do tubo (2.ª saída) (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm), I = Profundidade de encaixe (mm), I1 = Profundidade de encaixe (2) (mm)

19.33 Female union elbow 90°

Material: not defined

Threaded

15 references

d	G	A	L	L1	Z	Z1	I	I1	Weight (g)	Pack	REF.	3D
16	" 1/2	47	54	17	13	26	67	43	69	70	20402002003	-
20	" 1/2	47	54	17	13	26	67	43	65	70	20402002005	-
20	" 3/4	47	54	18	13	27	67	45	64	70	20402002006	-
25	" 1/2	54	56	17	17	31	73	48	80	40	20402002009	-
25	" 3/4	54	56	17	17	31	73	48	84	40	20402002010	-
25	1"	54	56	19	17	29	73	48	84	30	20402002011	-
32	" 3/4	63	61	20	18	38	79	59	148	30	20402002013	-
32	1 "	63	61	20	18	38	79	59	135	30	20402002015	-
40	1 "	80	74	22	23	41	97	63	210	15	20402002019	-
40	1" 1/4	80	74	22	23	41	97	63	217	15	20402002020	-
50	1" 1/2	94	85	22	28	54	113	76	380	18	20402002025	-
63	2 "	116	96	26	29	57	124	83	650	20	20402002030	-
75	2" 1/2	121	134	34	48	51	182	85	880	14	20402002060	-
90	3 "	146	155	37	51	68	208	105	1414	8	20402002065	-
110	4 "	176	176	42	58	82	234	124	2317	4	20402002070	-

Dimension key: d = Ø exterior do tubo (mm), G = Rosca (in), L = Comprimento (mm), L1 = Comprimento (2) (mm), I = Profundidade de encaixe (mm), I1 = Profundidade de encaixe (2) (mm)

19.34 Female union tee 90°

Material: not defined

Threaded

15 references

d	G	A	L	L1	Z	Z1	I	I1	Weight (g)	Pack	REF.	3D
16	" 1/2	47	54	16	26	27	134	43	111	40	20402004003	-
20	" 1/2	47	54	16	26	27	134	43	101	40	20402004005	-
20	" 3/4	47	54	17	26	29	134	46	103	40	20402004006	-
25	" 1/2	54	56	18	34	30	146	48	131	25	20402004009	-
25	" 3/4	54	56	18	34	30	146	48	131	25	20402004010	-
25	1"	54	56	19	34	30	146	49	130	25	20402004011	-

d	G	A	L	L1	Z	Z1	I	I1	Weight (g)	Pack	REF.	3D
32	" 3/4	63	61	18	36	40	158	58	227	15	20402004014	-
32	1 "	63	61	21	36	37	158	58	196	15	20402004015	-
40	1 "	80	74	21	46	42	194	63	355	8	20402004019	-
40	1" 1/4	80	74	23	46	40	194	63	340	8	20402004020	-
50	1" 1/2	94	85	23	56	53	226	76	569	10	20402004025	-
63	2 "	116	95	27	58	58	248	85	996	11	20402004030	-
75	2" 1/2	121	134	33	96	52	364	85	1500	10	20402004060	-
90	3 "	146	155	37	102	65	416	102	2406	4	20402004065	-
110	4 "	176	176	42	116	82	468	124	3670	2	20402004070	-

Dimension key: d = Ø exterior do tubo (mm), G = Rosca (in), L = Comprimento (mm), L1 = Comprimento (2) (mm), I = Profundidade de encaixe (mm), I1 = Profundidade de encaixe (2) (mm)

19.35 Male union elbow 90°

Material: not defined Threaded 10 references

d	G	A	L	L1	Z	Z1	I	I1	Weight (g)	Pack	REF.	3D
20	" 1/2	47	54	14	13	32	67	46	56	70	20402085005	-
20	" 3/4	47	54	16	13	27	67	43	53	70	20402085006	-
25	" 1/2	54	56	14	17	38	73	52	77	40	20402085009	-
25	" 3/4	54	56	16	17	36	73	52	76	40	20402085010	-
32	" 3/4	63	61	16	18	45	79	61	128	30	20402085014	-
32	1 "	63	61	19	18	42	79	61	119	30	20402085015	-
40	1 "	80	74	19	23	45	97	64	200	15	20402085019	-
40	1" 1/4	80	74	21	23	46	97	67	212	15	20402085020	-
50	1" 1/2	94	85	21	28	61	113	82	356	18	20402085025	-
63	2 "	116	96	25	29	57	124	82	630	20	20402085030	-

Dimension key: d = Ø exterior do tubo (mm), G = Rosca (in), L = Comprimento (mm), L1 = Comprimento (2) (mm), I = Profundidade de encaixe (mm), I1 = Profundidade de encaixe (2) (mm)

19.36 Male union tee 90°

Material: not defined Threaded 9 references

d	G	A	L	L1	Z	Z1	I	I1	Weight (g)	Pack	REF.	3D
20	" 1/2	47	54	14	26	32	134	42	92	40	20402086005	-
20	" 3/4	47	54	14	26	32	134	42	90	40	20402086006	-
25	" 1/2	54	56	16	26	28	134	44	115	30	20402086009	-
25	" 3/4	54	56	16	34	36	146	51	123	30	20402086010	-
32	" 3/4	63	61	19	36	42	158	61	206	15	20402086014	-
32	1 "	63	61	19	36	42	158	61	200	15	20402086015	-
40	1" 1/4	80	74	21	46	46	194	67	351	9	20402086020	-
50	1" 1/2	94	85	21	56	61	226	82	572	10	20402086025	-
63	2 "	116	95	25	58	57	248	82	1022	12	20402086030	-

Dimension key: d = Ø exterior do tubo (mm), G = Rosca (in), L = Comprimento (mm), L1 = Comprimento (2) (mm), I = Profundidade de encaixe

(mm), l1 = Profundidade de encaixe (2) (mm)

19.37 Coupling

Material: not defined

Quick coupling

10 references

d	A	L	Z	I	Weight (g)	Pack	REF.	3D
16	47	51	3	105	78	50	20402005016	-
20	47	52.5	3	108	72	50	20402005020	-
25	54	57	3	117	93	40	20402005025	-
32	63	60	4	124	155	25	20402005032	-
40	80	74	6	154	290	13	20402005040	-
50	94	85	8	178	454	15	20402005050	-
63	116	104	4	212	817	15	20402005063	-
75	121	138	5	281	1110	14	20402005075	-
90	146	145	3	293	1580	8	20402005090	-
110	176	174	6	354	2740	4	20402005110	-

Dimension key: d = Ø exterior do tubo (mm), L = Comprimento (mm), I = Profundidade de encaixe (mm)

19.38 Cap

Material: not defined

Quick coupling

10 references

d	A	L	I	Weight (g)	Pack	REF.	3D
16	47	52	58	41	125	20402012016	-
20	47	52	58	38	125	20402012020	-
25	54	57	63	55	75	20402012025	-
32	63	61	67	85	50	20402012032	-
40	80	75	83	150	24	20402012040	-
50	94	85	94	240	30	20402012050	-
63	116	92	104	467	34	20402012063	-
75	121	154	164	650	23	20402012075	-
90	146	165	175	910	16	20402012090	-
110	176	180	195	1620	8	20402012110	-

Dimension key: d = Ø exterior do tubo (mm), L = Comprimento (mm), I = Profundidade de encaixe (mm)

19.39 Reduced union

Material: not defined

Quick coupling

14 references

d	d1	A	A1	L	L1	Z	I	Weight (g)	Pack	REF.	3D
20	16	47	47	51	54	3	108	74	45	20402007003	-
25	16	54	47	56	51	5	112	83	45	20402007004	-
25	20	54	47	56	51	5	112	84	45	20402007005	-
32	20	63	47	59	51	5	115	107	30	20402007009	-
32	25	63	54	61	56	5	122	120	30	20402007010	-
40	25	80	54	73	56	4	133	177	18	20402007014	-
40	32	80	63	73	59	6	138	194	18	20402007015	-

d	d1	A	A1	L	L1	Z	I	Weight (g)	Pack	REF.	3D
50	32	94	63	85	58	5	148	305	22	20402007019	-
50	40	94	80	85	75	3	163	350	20	20402007020	-
63	40	116	80	104	75	10	189	531	20	20402007024	-
63	50	116	94	91	85	6	182	620	20	20402007025	-
75	63	121	116	143	95	7	245	1000	14	20402007030	-
90	75	146	121	151	147	8	306	1360	8	20402007035	-
110	90	176	146	180	160	8	348	3230	5	20402007040	-

Dimension key: d = Ø exterior do tubo (mm), d1 = Ø exterior do tubo (2.ª saída) (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm), I = Profundidade de encaixe (mm)

19.40 Female nipple

Material: not defined Quick coupling 17 references

d	G	A	L	L1	Z	I	Weight (g)	Pack	REF.	3D
16	" 1/2	47	54	17	5	76	56	90	20402065003	-
16	" 3/4	47	54	17	5	73	56	90	20402065004	-
20	" 1/2	47	54	17	5	76	49	90	20402065005	-
20	" 3/4	47	54	17	4	75	56	90	20402065010	-
25	" 1/2	54	60	17	1	78	64	60	20402065019	-
25	" 3/4	54	56	17	7	80	67	60	20402065020	-
25	1 "	54	56	20	8	84	75	60	20402065022	-
32	" 3/4	63	63	20	4	87	96	35	20402065034	-
32	1 "	63	63	20	4	87	102	35	20402065035	-
32	1" 1/4	63	69	20	5	94	110	35	20402065036	-
40	1 "	80	78	22	3	103	182	22	20402065044	-
40	1" 1/4	80	74	22	9	105	168	22	20402065045	-
50	1" 1/2	94	85	22	8	115	274	27	20402065050	-
63	2 "	116	91	26	9	126	476	30	20402065055	-
75	2" 1/2	121	141	28	9	178	672	20	20402065060	-
90	3 "	146	151	31	8	190	970	12	20402065065	-
110	4 "	176	174	42	5	221	1665	6	20402065070	-

Dimension key: d = Ø exterior do tubo (mm), G = Rosca (in), L = Comprimento (mm), L1 = Comprimento (2) (mm), I = Profundidade de encaixe (mm)

19.41 Male nipple

Material: not defined Quick coupling 22 references

d	G	A	L	L1	I	Weight (g)	Pack	REF.	3D
16	" 1/2	47	52	15	74	42	90	20402037003	-
16	" 3/4	47	52	15	74	44	90	20402037004	-
20	" 1/2	47	51	15	71	40	90	20402037005	-
20	" 3/4	47	52	16	72	40	90	20402037010	-
25	" 1/2	54	60	15	82	56	60	20402037015	-

d	G	A	L	L1	I	Weight (g)	Pack	REF.	3D
25	" 3/4	54	58	15	80	59	60	20402037020	-
25	1 "	54	58	18	83	64	60	20402037025	-
32	" 3/4	63	60	15	83	86	40	20402037030	-
32	1 "	63	60	20	86	87	40	20402037035	-
32	1" 1/4	63	58	19	86	92	40	20402037040	-
40	1 "	80	74	20	102	154	23	20402037042	-
40	1" 1/4	80	74	22	104	147	23	20402037045	-
40	1" 1/2	80	74	20	102	143	22	20402037046	-
50	1" 1/4	96	86	19	112	222	30	20402037049	-
50	1" 1/2	94	86	24	117	231	27	20402037050	-
50	2 "	94	88	25	115	232	25	20402037052	-
63	1" 1/2	116	105	24	138	424	34	20402037053	-
63	2 "	116	105	25	139	427	30	20402037055	-
75	2 "	121	147	28	184	645	20	20402037059	-
75	2" 1/2	121	154	30	195	652	20	20402037060	-
90	3 "	146	160	34	206	932	12	20402037065	-
110	4 "	176	176	43	233	1645	6	20402037070	-

Dimension key: d = Ø exterior do tubo (mm), G = Rosca (in), L = Comprimento (mm), L1 = Comprimento (2) (mm), I = Profundidade de encaixe (mm)

19.42 Reducing elbow 90°

Material: not defined Quick coupling 3 references

d	d1	A	A1	L	L1	Z	Z1	I	I1	Weight (g)	Pack	REF.	3D
25	16	54	47	59	56	15	18	74	74	98	35	20402002104	-
25	20	54	47	59	56	15	18	74	74	100	35	20402002105	-
32	25	63	54	58	59	22	24	80	83	147	20	20402002110	-

Dimension key: d = Ø exterior do tubo (mm), d1 = Ø exterior do tubo (2.ª saída) (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm), I = Profundidade de encaixe (mm), I1 = Profundidade de encaixe (2) (mm)

19.43 Slip coupling

Material: not defined Quick coupling 5 references

d	A	I	Weight (g)	Pack	REF.	3D
50	94	178	414	15	20402185050	-
63	116	212	770	17	20402185063	-
75	121	281	1062	14	20402185075	-
90	146	293	1580	8	20402185090	-
110	176	354	2800	-	20402185110	-

Dimension key: d = Ø exterior do tubo (mm), I = Profundidade de encaixe (mm)

19.44 Compression flange

Material: not defined

Flanged

5 references

d	A	L	I	B	K	Y	Furos	Weight (g)	Pack	REF.	3D
50	94	100	114	150	55	18	4	1140	10	20402200050	-
63	116	124	138	164	58	18	4	1450	18	20402200063	-
75	121	162	177	183	73	18	4	2027	10	20402200075	-
90	146	167	186	200	80	18	8	2320	8	20402200090	-
110	176	186	210	220	91	18	8	2972	6	20402200110	-

Dimension key: d = Ø exterior do tubo (mm), L = Comprimento (mm), I = Profundidade de encaixe (mm), Furos = N.º de furos (un)

19.45 Tee with double female offtake

Material: not defined

Threaded

1 references

d	G	A	L	L1	Z	Z1	I	I1	Weight (g)	Pack	REF.	3D
32	"3/4	63	61	21	41	38	163	59	211	30	20402068014	-

Dimension key: d = Ø exterior do tubo (mm), G = Rosca (in), L = Comprimento (mm), L1 = Comprimento (2) (mm), I = Profundidade de encaixe (mm), I1 = Profundidade de encaixe (2) (mm)

19.26 Double spanner

Material: not defined

Quick coupling

1 references

Ø	Weight (g)	Pack	REF.	3D
16-63 mm	-	-	07417781005	-

Dimension key: Ø = Diâmetro

20.05 Valves

Material: not defined

Quick coupling

9 references

d	DN	A	B	C	H	L	M	S	Z	L1	Weight (g)	Pack	REF.	3D
16	15	47	45	40	69	132	35	10	50	41	120	B 30	02622077016	-
20	15	47	45	40	69	132	35	10	50	41	111	B 30	02622077020	-
25	20	67	70	46	103	170	53	17	70	49	263	C 30	02622077025	-
32	25	67	70	58	103	190	53	17	70	60	326	C 28	02622077032	-
40	32	93	92	69	139	238	64	21	92	73	672	C 12	02622077040	-
50	40	93	92	84	139	267	64	21	92	87.5	821	C 10	02622077050	-
63	50	113	105	111	162	331	73	23	111	110	1440	C 5	02622077063	-
75	65	151	122	121	197	462	100	25	170	146	3470	C 2	02622077075	-
90	80	185	148	146	240	500	123	30	206	150	5000	C 2	02622077090	-

Dimension key: d = Ø exterior do tubo (mm), DN = Diâmetro nominal (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm)

20.06 Transition PP / PVC quick coupling ball valves

Material: not defined

Quick coupling

7 references

d	G	DN	A	B	C	H	L	M	S	Z	L1	L2	Weight (g)	Pack	REF.	3D
16	" 1/2	15	47	45	40	69	108	35	10	50	41	15	110	B 35	02632077003	-
20	" 1/2	15	47	45	40	69	108	35	10	50	41	15	100	B 35	02632077005	-
25	" 3/4	20	67	70	46	103	138.5	53	17	70	49	16	255	C 30	02632077010	-
32	1 "	25	67	70	58	103	152.5	53	17	70	60	19	284	C 30	02632077015	-
40	1" 1/4	32	93	92	69	139	192	64	21	92	73	21	619	C 10	02632077021	-
50	1" 1/2	40	93	92	84	139	210.5	64	21	92	87.5	22	712	C 10	02632077026	-
63	2 "	50	113	105	111	162	259	73	23	123	110	26	1250	C 7	02632077030	-

Dimension key: d = Ø exterior do tubo (mm), G = Rosca (in), DN = Diâmetro nominal (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm), L2 = Comprimento (3) (mm)

20.07 Single union transition quick coupling ball valves F/F

Material: not defined

Quick coupling

8 references

1 with CAD file

d	G	DN	A	B	C	H	L	M	S	Z	L1	L2	Weight (g)	Pack	REF.	3D
16	" 1/2	15	47	45	40	69	97	35	10	41	41	15	78	B 35	02712077003	-
20	" 1/2	15	47	45	40	69	97	35	10	41	41	15	74	B 35	02712077005	sim
20	" 3/4	15	47	45	40	69	97	35	10	41	41	16	74	B 35	02712077006	-
25	" 3/4	20	67	70	46	103	126	53	17	61	49	16	186	C 40	02712077010	-
32	1 "	25	67	70	58	103	140	53	17	61	60	19	225	C 40	02712077015	-
40	1" 1/4	32	93	92	69	139	175	64	21	81	73	21	466	C 15	02712077021	-

d	G	DN	A	B	C	H	L	M	S	Z	L1	L2	Weight (g)	Pack	REF.	3D
50	1" 1/2	40	93	92	84	139	193	64	21	83.5	87.5	22	549	C 15	02712077026	-
63	2"	50	113	105	111	162	225	73	23	94	105	26	941	C 7	02712077030	-

Dimension key: d = Ø exterior do tubo (mm), G = Rosca (in), DN = Diâmetro nominal (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm), L2 = Comprimento (3) (mm)

20.08 Single union transition quick coupling ball valves M/F

Material: not defined Quick coupling 8 references 1 with CAD file

d	G	DN	A	B	C	H	L	M	S	Z	L1	L2	Weight (g)	Pack	REF.	3D
16	" 1/2	15	47	45	40	69	103	35	10	47	41	15	75	B 35	02712079003	-
20	" 1/2	15	47	45	40	69	103	35	10	47	41	15	73	B 35	02712079005	sim
20	" 3/4	15	47	45	40	69	103	35	10	47	41	16	73	B 35	02712079006	-
25	" 3/4	20	67	70	46	103	135	53	17	70	49	16	191	C 40	02712079010	-
32	1"	25	67	70	58	103	147	53	17	68	60	19	220	C 40	02712079015	-
40	1" 1/4	32	93	92	69	139	185	64	21	91	73	21	456	C 15	02712079021	-
50	1" 1/2	40	93	92	84	139	203	64	21	93.5	87.5	22	542	C 15	02712079026	-
63	2"	50	113	105	111	162	236	73	23	105	105	26	950	C 7	02712079030	-

Dimension key: d = Ø exterior do tubo (mm), G = Rosca (in), DN = Diâmetro nominal (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm), L2 = Comprimento (3) (mm)

20.09 Union ends female

Material: not defined Solvent weld / fusion 7 references 7 with CAD file

d	A	D	I	Z	Weight (g)	Pack	REF.	3D
16	36	28	20	3	13	A 60	01611131016	sim
20	36	28	20	3	11	A 60	01611131020	sim
25	50	36	23	4	25	A 30	01611131025	sim
32	50	42	30	7	29	A 20	01611131032	sim
40	74.5	52	30.5	3.5	60	B 60	01611131040	sim
50	74.5	63	34.5	3.5	64	B 40	01611131050	sim
63	90	77	44	5	117	B 20	01611131063	sim

Dimension key: d = Ø exterior do tubo (mm), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm)

20.10 Union ends female

Material: not defined Threaded 7 references 7 with CAD file

G	I	A	D	Z	Weight (g)	Pack	REF.	3D
" 3/8	20	36	28	5	13	A 60	01611131038	sim
" 1/2	20	36	28	5	11	A 60	01611131012	sim
" 3/4	23	50	36	6	25	A 30	01611131034	sim
1"	30	50	42	11	28	A 20	01611131100	sim
1" 1/4	30.5	74.5	52	9.5	58	B 60	01611131114	sim

G	I	A	D	Z	Weight (g)	Pack	REF.	3D
1 " 1/2	34.5	74.5	63	12.5	76	B 40	01611131150	sim
2 "	44	90	77	18	145	B 20	01611131200	sim

Dimension key: G = Rosca (in), I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

20.11 Male union ends

Material: not defined Threaded 6 references 5 with CAD file

G	I	A	S	Z	Weight (g)	Pack	REF.	3D
" 1/2	36	36	22	21	14	A 50	01611206012	sim
" 3/4	41.5	50	36	25	34	A 25	01611206034	sim
1 "	45	50	36	26	37	A 15	01611206100	sim
1 " 1/4	48	74.5	50	29	77	B 45	01611206114	-
1 " 1/2	51	74.5	50	30	80	B 30	01611206150	sim
2 "	61	90	65	35	147	B 15	01611206200	sim

Dimension key: G = Rosca (in), I = Profundidade de encaixe (mm)

20.12 Male/female union ends

Material: not defined Quick coupling 6 references 6 with CAD file

d	d1	I	A	Z	Z1	Weight (g)	Pack	REF.	3D
20	16	28	35.5	11	13	10	A 50	01611315003	sim
25	20	35	50.5	16	18	20	A 20	01611315006	sim
32	25	35	50.5	12	16	24	A 20	01611315009	sim
40	32	49	74.5	22	26	66	B 30	01611315012	sim
50	40	49	74.5	14	22	78	B 30	01611315015	sim
63	50	55.5	90	17	24	130	B 20	01611315019	sim

Dimension key: d = Ø exterior do tubo (mm), d1 = Ø exterior do tubo (2.ª saída) (mm), I = Profundidade de encaixe (mm)

21.05 Check valve F/F

PVC-U

Connection: not defined

13 references

2 with CAD file

d	DN	A	I	L	PN	Weight (g)	Pack	REF.	3D
16	15	48	84	17	16	110	B 35	01611291016	-
20	15	48	84	17	16	104	B 35	01611291020	-
25	20	58.5	101	19	16	160	C 80	01611295025	-
25	25	68	112	19	16	270	C 60	01611291025	-
32	25	68	126	23	16	277	C 48	01611291032	-
40	40	95	149	27	16	622	C 18	01611291040	-
50	40	95	157	31	16	630	C 18	01611291050	sim
60	50	115	190	38	16	1086	C 10	01611291060	-
63	50	115	190	38	16	1080	C 10	01611291063	sim
75	65	151	216	44	10	2120	C 4	01611291075	-
85	80	185	249	51	10	3334	C 3	01611291085	-
90	80	185	249	51	10	3250	C 3	01611291090	-
110	80	185	266	61	10	3270	C 3	01611291110	-

Dimension key: d = Ø exterior do tubo (mm), DN = Diâmetro nominal (mm), I = Profundidade de encaixe (mm), L = Comprimento (mm), PN = Pressão nominal (bar)

21.05a PVC transparent check valve F/F

PVC-U

Connection: not defined

13 references

d	DN	A	I	L	PN	Weight (g)	Pack	REF.	3D
16	15	48	84	17	16	110	B 35	01611407016	-
20	15	48	84	17	16	104	B 35	01611407020	-
25	20	58.5	101	19	16	160	C 80	01611467025	-
25	25	68	112	19	16	270	C 60	01611407025	-
32	25	68	126	23	16	277	C 48	01611407032	-
40	40	95	149	27	16	622	C 18	01611407040	-
50	40	95	157	31	16	630	C 18	01611407050	-
60	50	115	190	38	16	1086	C 10	01611407060	-
63	50	115	190	38	16	1080	C 10	01611407063	-
75	65	151	216	44	10	2120	C 4	01611407075	-
85	80	185	249	51	10	3334	C 3	01611407085	-
90	80	185	249	51	10	3250	C 3	01611407090	-
110	80	185	266	61	10	3270	C 3	01611407110	-

Dimension key: d = Ø exterior do tubo (mm), DN = Diâmetro nominal (mm), I = Profundidade de encaixe (mm), L = Comprimento (mm), PN = Pressão nominal (bar)

21.06 Check valve F/F

PVC-U	Connection: not defined	11 references	2 with CAD file
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G	DN	A	I	L	PN	Weight (g)	Pack	REF.	3D
"3/8	15	48	84	15	10	104	B 35	01611291038	-
"1/2	15	48	84	15	10	104	B 35	01611291012	-
"3/4	20	58.5	101	16	10	160	C 80	01611295034	-
"3/4	25	68	112	16	10	270	C 60	01611291034	-
1"	25	68	126	19	10	277	C 48	01611291100	-
1"1/4	40	95	149	21	10	618	C 18	01611291114	-
1"1/2	40	95	157	22	10	658	C 18	01611291150	sim
2"	50	115	190	26	10	1138	C 10	01611291200	sim
2"1/2	65	151	216	44	10	2150	C 4	01611291250	-
3"	80	185	249	51	10	3334	C 3	01611291300	-
4"	80	185	244	50	10	3270	C 3	01611291400	-

Dimension key: G = Rosca (in), DN = Diâmetro nominal (mm), I = Profundidade de encaixe (mm), L = Comprimento (mm), PN = Pressão nominal (bar)

21.06a PVC transparent check valve F/F

PVC-U	Connection: not defined	11 references
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G	DN	A	I	L	PN	Weight (g)	Pack	REF.	3D
" 3/8	15	48	84	15	10	104	B 35	01611407038	-
"1/2	15	48	84	15	10	104	B 35	01611407012	-
"3/4	20	58.5	101	16	10	160	C 80	01611467034	-
"3/4	25	68	112	16	10	270	C 60	01611407034	-
1"	25	68	126	19	10	277	C 48	01611407100	-
1"1/4	40	95	149	21	10	618	C 18	01611407114	-
1"1/2	40	95	157	22	10	658	C 18	01611407150	-
2"	50	115	190	26	10	1138	C 10	01611407200	-
2"1/2	65	151	216	44	10	2150	C 4	01611407250	-
3"	80	185	249	51	10	3334	C 3	01611407300	-
4"	80	185	244	50	10	3270	C 3	01611407400	-

Dimension key: G = Rosca (in), DN = Diâmetro nominal (mm), I = Profundidade de encaixe (mm), L = Comprimento (mm), PN = Pressão nominal (bar)

21.07 Spring foot valve female

PVC-U	Connection: not defined	9 references
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d	DN	A	I	L	PN	Weight (g)	Pack	REF.	3D
16	15	48	94	17	16	100	B 35	01681294016	-
20	15	48	94	17	16	97	B 35	01681294020	-
25	20	58.5	116	19	16	145	C 55	01681295025	-
25	25	68	132	19	16	249	C 35	01681294025	-
32	25	68	139	23	16	256	C 35	01681294032	-

d	DN	A	I	L	PN	Weight (g)	Pack	REF.	3D
40	40	95	179	27	16	582	C 12	01681294040	-
50	40	95	182	31	16	586	C 12	01681294050	-
60	50	115	221	38	16	1007	C 8	01681294060	-
63	50	115	221	38	16	1004	C 8	01681294063	-

Dimension key: d = Ø exterior do tubo (mm), DN = Diâmetro nominal (mm), I = Profundidade de encaixe (mm), L = Comprimento (mm), PN = Pressão nominal (bar)

21.08 Single union check valve F/F

PVC-U Connection: not defined 9 references

d	DN	A	I	L	PN	Weight (g)	Pack	REF.	3D
20	15	48	75	17	16	68	B 50	01691291020	-
25	20	58.5	90	19	16	104	C 80	01691295025	-
25	25	68	100	19	16	175	C 60	01691291025	-
32	25	68	111	23	16	190	C 50	01691291032	-
40	40	95	135	27	16	413	C 24	01691291040	-
50	40	95	143	31	16	439	C 24	01691291050	-
60	50	115	172	88	16	753	C 13	01691291060	-
63	50	115	172	38	16	750	C 13	01691291063	-
110	80	185	255	61	10	2590	C 3	01691291110	-

Dimension key: d = Ø exterior do tubo (mm), DN = Diâmetro nominal (mm), I = Profundidade de encaixe (mm), L = Comprimento (mm), PN = Pressão nominal (bar)

21.09 Single union check valve F/F

PVC-U Connection: not defined 10 references

G	DN	A	I	L	PN	Weight (g)	Pack	REF.	3D
"½	15	48	64	15	10	66	B 50	01691291012	-
"¾	20	58.5	86	16	10	107	C 80	01691295034	-
"¾	25	68	84	16	10	178	C 60	01691291034	-
1"	25	68	92	19	10	190	C 50	01691291100	-
1"¾	40	95	116	21	10	421	C 24	01691291114	-
1"½	40	95	122	22	10	456	C 24	01691291150	-
2"	50	115	143	26	10	765	C 13	01691291200	-
2"½	65	151	202	31	10	1590	C 4	01691291250	-
3"	80	185	220	35	10	2424	C 3	01691291300	-
4"	80	185	240	35	10	2525	C 3	01691291400	-

Dimension key: G = Rosca (in), DN = Diâmetro nominal (mm), I = Profundidade de encaixe (mm), L = Comprimento (mm), PN = Pressão nominal (bar)

21.09a Single union PVC transparent check valve F/F

PVC-U Connection: not defined 10 references

G	DN	A	I	L	PN	Weight (g)	Pack	REF.	3D
"½	15	48	64	15	10	66	B 50	01691407012	-
"¾	20	58.5	86	16	10	107	C 80	01691467034	-
"¾	25	68	84	16	10	178	C 60	01691407034	-
1"	25	68	92	19	10	190	C 50	01691407100	-
1"¾	40	95	116	21	10	421	C 24	01691407114	-
1"½	40	95	122	22	10	456	C 24	01691407150	-
2"	50	115	143	26	10	765	C 13	01691407200	-
2"½	65	151	202	31	10	1590	C 4	01691407250	-
3"	80	185	220	35	10	2424	C 3	01691407300	-
4"	80	185	240	35	10	2525	C 3	01691407400	-

Dimension key: G = Rosca (in), DN = Diâmetro nominal (mm), I = Profundidade de encaixe (mm), L = Comprimento (mm), PN = Pressão nominal (bar)

21.10 Single union spring foot valve female

PVC-U Connection: not defined 8 references

d	DN	A	I	L	PN	Weight (g)	Pack	REF.	3D
20	15	48	85	15	16	63	B 50	01721294020	-
25	20	58.5	105	19	16	87	C 80	01721295025	-
25	25	68	120	16	16	175	C 60	01721294025	-
32	25	68	124	19	16	190	C 50	01721294032	-
40	40	95	148	21	16	413	C 12	01721294040	-
50	40	95	169	22	16	439	C 12	01721294050	-
60	50	115	203	26	16	750	C 12	01721294060	-
63	50	115	203	26	16	750	C 12	01721294063	-

Dimension key: d = Ø exterior do tubo (mm), DN = Diâmetro nominal (mm), I = Profundidade de encaixe (mm), L = Comprimento (mm), PN = Pressão nominal (bar)

21.11 Single union spring foot valve female

PVC-U Connection: not defined 7 references

G	DN	A	I	L	PN	Weight (g)	Pack	REF.	3D
"½	15	48	74	15	10	66	B 50	01721294012	-
"¾	20	58.5	101	16	10	90	C 80	01721295034	-
"¾	25	68	104	16	10	178	C 60	01721294034	-
1"	25	68	105	19	10	190	C 50	01721294100	-
1"¾	40	95	146	21	10	421	C 12	01721294114	-
1"½	40	95	148	22	10	456	C 12	01721294150	-
2"	50	115	174	26	10	765	C 12	01721294200	-

Dimension key: G = Rosca (in), DN = Diâmetro nominal (mm), I = Profundidade de encaixe (mm), L = Comprimento (mm), PN = Pressão nominal (bar)

21.12 Foot valve screen

PVC-U Connection: not defined 5 references

G	d	A	I	Weight (g)	Pack	REF.	3D
"1/2	20	35	30	4	A 60	02612290020	-
"3/4	25	43	38.5	5	B 100	02612290025	-
"3/4 1"	25 32	50 50	43 43	-	-	02612290032	-
1"1/4 1"1/2	40 50	73 73	60 60	-	-	02612290050	-
2"	63	89	75	33	B 24	02612290063	-

Dimension key: G = Rosca (in), d = Ø exterior do tubo, I = Profundidade de encaixe

21.13 Union end female

PVC-U Solvent weld / fusion 13 references 11 with CAD file

d	A	D	I	Z	Weight (g)	Pack	REF.	3D
16	36	28	20	3	13	A 60	01611131016	sim
20	36	28	20	3	11	A 60	01611131020	sim
25	44	36	23.5	4.5	22	A 40	01611135025	sim
25	50	36	23	4	25	A 30	01611131025	sim
32	50	42	30	7	29	A 20	01611131032	sim
40	74.5	52	30.5	3.5	60	B 60	01611131040	sim
50	74.5	63	34.5	3.5	64	B 40	01611131050	sim
60	90	77	44	5	120	B 20	01611131060	-
63	90	77	44	5	117	B 20	01611131063	sim
75	124	91	49	5	220	B 12	01611131075	sim
85	138	111	59	7	392	B 8	01611131085	-
90	138	111	59	7	350	B 8	01611131090	sim
110	135	128.5	67	6	365	B 6	01611131110	sim

Dimension key: d = Ø exterior do tubo (mm), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm)

21.14 Union end female

PVC-U Threaded 11 references 11 with CAD file

G	I	A	D	Z	Weight (g)	Pack	REF.	3D
" 3/8	20	36	28	5	13	A 60	01611131038	sim
" 1/2	20	36	28	5	11	A 60	01611131012	sim
" 3/4	23.5	44	36	7.5	22	A 40	01611135034	sim
" 3/4	23	50	36	6	25	A 30	01611131034	sim
1 "	30	50	42	11	28	A 20	01611131100	sim
1 " 1/4	30.5	74.5	52	9.5	58	B 60	01611131114	sim
1 " 1/2	34.5	74.5	63	12.5	76	B 40	01611131150	sim
2 "	44	90	77	18	145	B 20	01611131200	sim
2 " 1/2	49	124	91	18	235	B 12	01611131250	sim
3 "	58	138	111	24	392	B 8	01611131300	sim

G	I	A	D	Z	Weight (g)	Pack	REF.	3D
4 "	50	135	128.5	15	280	B 6	01611131400	sim

Dimension key: G = Rosca (in), I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

21.15 Male union end

PVC-U	Threaded	7 references	6 with CAD file
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G	I	A	S	Z	Weight (g)	Pack	REF.	3D
" 1/2	36	36	22	21	14	A 50	01611206012	sim
" 3/4	40	43	28	24	24	A 30	01011205034	sim
" 3/4	41.5	50	36	25	34	A 25	01611206034	sim
1 "	45	50	36	26	37	A 15	01611206100	sim
1 " 1/4	48	74.5	50	29	77	B 45	01611206114	-
1 " 1/2	51	74.5	50	30	80	B 30	01611206150	sim
2 "	61	90	65	35	147	B 15	01611206200	sim

Dimension key: G = Rosca (in), I = Profundidade de encaixe (mm)

21.16 Male/female union end

PVC-U	Connection: not defined	7 references	7 with CAD file
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d	d1	I	A	Z	Z1	Weight (g)	Pack	REF.	3D
20	16	28	35.5	11	13	10	A 50	01611315003	sim
25	20	28	44	10	11	15	A 30	01611136006	sim
25	20	35	50.5	16	18	20	A 20	01611315006	sim
32	25	35	50.5	12	16	24	A 20	01611315009	sim
40	32	49	74.5	22	26	66	B 30	01611315012	sim
50	40	49	74.5	14	22	78	B 30	01611315015	sim
63	50	55.5	90	17	24	130	B 20	01611315019	sim

Dimension key: d = Ø exterior do tubo (mm), d1 = Ø exterior do tubo (2.ª saída) (mm), I = Profundidade de encaixe (mm)

21.08a Single union PVC transparent check valve F/F

PVC-U	Connection: not defined	12 references
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d	DN	A	I	L	PN	Weight (g)	Pack	REF.	3D
20	15	48	75	17	16	68	B 50	01691407020	-
25	20	58.5	90	19	16	104	C 80	01691467025	-
25	25	68	100	19	16	175	C 60	01691407025	-
32	25	68	111	23	16	190	C 50	01691407032	-
40	40	95	135	27	16	413	C 24	01691407040	-
50	40	95	143	31	16	439	C 24	01691407050	-
60	50	115	172	38	16	753	C 13	01691407060	-
63	50	115	172	38	16	750	C 13	01691407063	-
75	65	151	204	44	10	1540	C 4	01691407075	-
85	80	185	239	51	10	2492	C 3	01691407085	-

d	DN	A	I	L	PN	Weight (g)	Pack	REF.	3D
90	80	185	239	51	10	2450	C 3	01691407090	-
110	80	185	255	61	10	2590	C 3	01691407110	-

Dimension key: d = Ø exterior do tubo (mm), DN = Diâmetro nominal (mm), I = Profundidade de encaixe (mm), L = Comprimento (mm), PN = Pressão nominal (bar)

21.07a Check valve Ø50 with hose nozzle

PVC-U	Connection: not defined	1 references
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D1	D2	A	L	L1	L2	L3	PN	Weight (g)	Pack	REF.	3D
32	38	95	277	91	39	39	10	660	C 12	01611459039	-

Dimension key: D1 = Ø exterior do acessório (2) (mm), D2 = Ø exterior do acessório (3) (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm), L2 = Comprimento (3) (mm), L3 = Comprimento (4) (mm), PN = Pressão nominal (bar)

21.07b PVC transparent check valve Ø50 with hose nozzle

PVC-U	Connection: not defined	1 references
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D1	D2	A	L	L1	L2	L3	PN	Weight (g)	Pack	REF.	3D
32	38	95	277	91	39	39	10	660	C 12	01611460039	-

Dimension key: D1 = Ø exterior do acessório (2) (mm), D2 = Ø exterior do acessório (3) (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm), L2 = Comprimento (3) (mm), L3 = Comprimento (4) (mm), PN = Pressão nominal (bar)

21.17 Union end for hose nozzle valve

PVC-U	Connection: not defined	1 references
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D1	D2	L	L1	L2	Z	Weight (g)	Pack	REF.	3D
32	38	91	39	39	75	70	B 30	01611451039	-

Dimension key: D1 = Ø exterior do acessório (2) (mm), D2 = Ø exterior do acessório (3) (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm), L2 = Comprimento (3) (mm)

22.05 Check valves F/F

Material: not defined

Quick coupling

7 references

d	A	I	L	Weight (g)	Pack	REF.	3D
16	47	132	41	100	B 30	02622291016	-
20	47	132	41	98	B 30	02622291020	-
25	67	170	49	211	C 34	02622291025	-
32	67	190	60	274	C 25	02622291032	-
40	93	238	73	555	C 13	02622291040	-
50	93	267	87	704	C 11	02622291050	-
63	113	316	105	1240	C 5	02622291063	-

Dimension key: d = Ø exterior do tubo (mm), I = Profundidade de encaixe (mm), L = Comprimento (mm)

22.06 Check valves F/F

Material: not defined

Quick coupling

7 references

d	G	A	I	L	L1	Weight (g)	Pack	REF.	3D
16	"½	47	108	41	15	87	B 30	02632291003	-
20	"½	47	108	41	15	87	B 30	02632291005	-
25	"¾	67	138	49	16	200	C 35	02632291010	-
32	1"	67	152	60	19	236	C 33	02632291015	-
40	1"¼	93	192	73	21	500	C 13	02632291021	-
50	1"½	93	210	87	22	591	C 13	02632291026	-
63	2"	113	249	105	26	1020	C 6	02632291030	-

Dimension key: d = Ø exterior do tubo (mm), G = Rosca (in), I = Profundidade de encaixe (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm)

22.07 Spring foot valves

Material: not defined

Quick coupling

6 references

d	A	I	L	Weight (g)	Pack	REF.	3D
20	47	118	41	80	B 30	02622294020	-
25	67	158	49	185	C 34	02622294025	-
32	67	165	60	220	C 33	02622294032	-
40	93	222	73	460	C 12	02622294040	-
50	93	236	87	535	C 12	02622294050	-
63	113	280	105	920	C 6	02622294063	-

Dimension key: d = Ø exterior do tubo (mm), I = Profundidade de encaixe (mm), L = Comprimento (mm)

22.08 Single union trans. quick coupling spring check valves F/F

Material: not defined

Quick coupling

7 references

d	G	A	I	L	L1	Weight (g)	Pack	REF.	3D
16	"½	47	97	41	15	70	B 40	02712291003	-
20	"½	47	97	41	15	60	B 40	02712291005	-
25	"¾	67	126	49	16	140	C 60	02712291010	-
32	1"	67	140	60	19	170	C 50	02712291015	-
40	1"¼	93	175	73	21	360	C 20	02712291021	-
50	1"½	93	193	87	22	450	C 15	02712291026	-
63	2"	113	225	105	26	770	C 8	02712291030	-

Dimension key: d = Ø exterior do tubo (mm), G = Rosca (in), I = Profundidade de encaixe (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm)

22.09 Single union trans. quick coupling spring check valves M/F

Material: not defined

Quick coupling

7 references

d	G	A	I	L	L1	Weight (g)	Pack	REF.	3D
16	"½	47	103	41	15	70	B 40	02712293003	-
20	"½	47	103	41	15	60	B 40	02712293005	-
25	"¾	67	135	49	16	140	C 60	02712293010	-
32	1"	67	147	60	19	166	C 50	02712293015	-
40	1"¼	93	185	73	21	350	C 20	02712293021	-
50	1"½	93	203	87	22	440	C 15	02712293026	-
63	2"	113	236	105	26	760	C 8	02712293030	-

Dimension key: d = Ø exterior do tubo (mm), G = Rosca (in), I = Profundidade de encaixe (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm)

22.10 Union ends female

Material: not defined

Solvent weld / fusion

7 references

7 with CAD file

d	A	D	I	Z	Weight (g)	Pack	REF.	3D
16	36	28	20	3	13	A 60	01611131016	sim
20	36	28	20	3	11	A 60	01611131020	sim
25	50	36	23	4	25	A 30	01611131025	sim
32	50	42	30	7	29	A 20	01611131032	sim
40	74.5	52	30.5	3.5	60	B 60	01611131040	sim
50	74.5	63	34.5	3.5	64	B 40	01611131050	sim
63	90	77	44	5	117	B 20	01611131063	sim

Dimension key: d = Ø exterior do tubo (mm), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm)

22.11 Union ends female

Material: not defined

Threaded

6 references

6 with CAD file

G	I	A	D	Z	Weight (g)	Pack	REF.	3D
" 1/2	20	36	28	5	11	A 60	01611131012	sim
" 3/4	23	50	36	6	25	A 30	01611131034	sim
1 "	30	50	42	11	28	A 20	01611131100	sim
1 " 1/4	30.5	74.5	52	9.5	58	B 60	01611131114	sim
1 " 1/2	34.5	74.5	63	12.5	76	B 40	01611131150	sim
2 "	44	90	77	18	145	B 20	01611131200	sim

Dimension key: G = Rosca (in), I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

22.12 Male union ends

Material: not defined

Threaded

6 references

5 with CAD file

G	I	A	S	Z	Weight (g)	Pack	REF.	3D
" 1/2	36	36	22	21	14	A 50	01611206012	sim
" 3/4	41.5	50	36	25	34	A 25	01611206034	sim
1 "	45	50	36	26	37	A 15	01611206100	sim
1 " 1/4	48	74.5	50	29	77	B 45	01611206114	-
1 " 1/2	51	74.5	50	30	80	B 30	01611206150	sim
2 "	61	90	65	35	147	B 15	01611206200	sim

Dimension key: G = Rosca (in), I = Profundidade de encaixe (mm)

22.13 Male/female union ends

Material: not defined

Quick coupling

6 references

6 with CAD file

d	d1	I	A	Z	Z1	Weight (g)	Pack	REF.	3D
20	16	28	35.5	11	13	10	A 50	01611315003	sim
25	20	35	50.5	16	18	20	A 20	01611315006	sim
32	25	35	50.5	12	16	24	A 20	01611315009	sim
40	32	49	74.5	22	26	66	B 30	01611315012	sim
50	40	49	74.5	14	22	78	B 30	01611315015	sim
63	50	55.5	90	17	24	130	B 20	01611315019	sim

Dimension key: d = Ø exterior do tubo (mm), d1 = Ø exterior do tubo (2.ª saída) (mm), I = Profundidade de encaixe (mm)

22.14 Foot valve screen

Material: not defined

Quick coupling

4 references

G	d	A	I	Weight (g)	Pack	REF.	3D
"½	20	35	30	4	A 60	02612290020	-
"¾ 1"	25 32	50 50	43 43	-	-	02612290032	-
1"¾ 1"½	40 50	73 73	60 60	-	-	02612290040	-
2"	63	89	75	33	B 24	02612290063	-

Dimension key: G = Rosca (in), d = Ø exterior do tubo, I = Profundidade de encaixe

23.05 Elbows 90°

PVC-U

Solvent weld / fusion

10 references

5 with CAD file

d	D	I	Z	Weight (g)	Pack	REF.	3D
½"	27	28	11	18	B 120	01071001012	sim
¾"	32.5	33	13	23	B 90	01071001034	sim
1"	42	39	16	48	B 50	01071001100	sim
1¼"	50	47	21	70	C 100	01071001114	-
1½"	58	57	26	114	C 64	01071001150	sim
2"	73	72	34	247	C 30	01071001200	sim
2½"	87.5	82	38	318	C 20	01071001250	-
3"	105	97	46	565	C 12	01071001300	-
4"	132	122	58	1108	D 16	01071001400	-
5"	162	149	72	1990	D 8	01071001500	-

Dimension key: d = Ø exterior do tubo (in), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm)

23.06 Tees 90°

PVC-U

Solvent weld / fusion

10 references

5 with CAD file

d	D	I	Z	Weight (g)	Pack	REF.	3D
½"	27	28	11	23	B 100	01071003012	sim
¾"	33	33	13	37	B 50	01071003034	sim
1"	41	39	16	56	B 30	01071003100	-
1¼"	50	49	21	93	C 70	01071003114	sim
1½"	59.5	57	26	180	C 50	01071003150	sim
2"	73	72	34	335	C 26	01071003200	sim
2½"	88.5	82	38	493	C 14	01071003250	-
3"	105	97	46	744	D 24	01071003300	-
4"	132	122	58	1465	D 12	01071003400	-
5"	162	149	72	2521	D 6	01071003500	-

Dimension key: d = Ø exterior do tubo (in), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm)

23.07 Elbows 45°

PVC-U

Solvent weld / fusion

10 references

5 with CAD file

d	D	I	Z	Weight (g)	Pack	REF.	3D
½"	27.5	21	4	14	B 180	01071067012	sim
¾"	33.5	25	5	23	B 100	01071067034	sim
1"	42	30	7	41	B 60	01071067100	sim
1¼"	51	36	9	66	C 120	01071067114	-
1½"	58	43	11	108	C 80	01071067150	sim
2"	75	53	15	221	C 40	01071067200	sim

d	D	I	Z	Weight (g)	Pack	REF.	3D
2"½	90	62	18	330	C 24	01071067250	-
3"	106	72	21	514	C 14	01071067300	-
4"	132	88.5	25	855	D 20	01071067400	-
5"	162	107	30	1514	D 10	01071067500	-

Dimension key: d = Ø exterior do tubo (in), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm)

23.08 Sockets

PVC-U	Solvent weld / fusion	11 references	11 with CAD file
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d	D	I	Z	Weight (g)	Pack	REF.	3D
"½	27	35	1.5	10	B 200	01071005012	sim
"¾	32.5	40.5	1	15	B 120	01071005034	sim
1"	41	47	2	28	B 70	01071005100	sim
1"¼	50	58	3	45	C 180	01071005114	sim
1"½	58	65	3	72	C 120	01071005150	sim
2"	73	79	3	134	C 60	01071005200	sim
2"½	90	94	4	246	C 30	01071005250	sim
3"	106	107	4	399	C 18	01071005300	sim
4"	132	133	5	687	C 12	01071005400	sim
5"	162	162	8	1144	D 14	01071005500	sim
6"	196	188	6	2010	D 10	01071005600	sim

Dimension key: d = Ø exterior do tubo (in), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm)

23.09 Caps

PVC-U	Solvent weld / fusion	11 references	11 with CAD file
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d	D	I	Weight (g)	Pack	REF.	3D
"½	27	22	7	A 80	01071012012	sim
"¾	32.5	26	11	B 200	01071012034	sim
1"	41	30	20	B 120	01071012100	sim
1"¼	50	38	33	B 80	01071012114	sim
1"½	58	43	62	C 200	01071012150	sim
2"	73	50	98	C 120	01071012200	sim
2"½	90	60	182	C 60	01071012250	sim
3"	106	68	277	C 38	01071012300	sim
4"	134	90	562	C 18	01071012400	sim
5"	162	110	926	C 10	01071012500	sim
6"	196	132	1694	C 6	01071012600	sim

Dimension key: d = Ø exterior do tubo (in), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm)

23.10 Short reducers

PVC-U	Solvent weld / fusion	10 references
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d	d1	I	Z	Fig	Weight (g)	Pack	REF.	3D
1"¼	1"	27	4	A	19	B 140	01071080012	-
2"	1"	38	15	B	65	B 50	01071080017	-
2"	1"¼	38	12	B	60	B 50	01071080018	-
2"	1"½	38	7	A	54	B 50	01071080019	-
2"½	1"¼	44	16	B	104	C 100	01071080020	-
2"½	1"½	44	13	B	110	C 100	01071080021	-
2"½	2"	44	6	A	94	C 100	01071080022	-
3"	1"½	51	19	B	150	C 60	01071080023	-
3"	2"	51	13	B	151	C 60	01071080024	-
3"	2"½	51	7	A	126	C 60	01071080025	-

Dimension key: d = Ø exterior do tubo (in), d1 = Ø exterior do tubo (2.ª saída) (in), I = Profundidade de encaixe (mm), Fig = Figura (un)

23.11 Tees 45°

PVC-U	Solvent weld / fusion	4 references	4 with CAD file
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d	D	I	Z	Z1	Weight (g)	Pack	REF.	3D
"½	27	68	29	7	28	B 80	01071344012	sim
"¾	33	81	35	8	46	B 50	01071344034	sim
1"	41	97	43	9	80	B 30	01071344100	sim
1"¼	50	118	54	11	125	C 55	01071344114	sim

Dimension key: d = Ø exterior do tubo (in), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm)

23.12 Unions for pools female/female

PVC-U	Solvent weld / fusion	36 references	1 with CAD file
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d	G	I1	I2	Z1	Z2	D	D1	Weight (g)	Pack	REF.	3D
" ½	1"	20	27	3	9	40	27	31	B 100	01071278012	-
" ¾	1 " ¼	23	29	3	9	51	35	58	B 50	01071278034	-
1"	1 " ½	27	31	3	9	57	41	73	B 40	01071278100	-
1"¼	2 "	30	41	3	9	71	52	136	C 75	01071278114	-
1"½	2 " ¼	34	45	3	14	77	59	186	C 60	01071278150	-
2"	2 " ¾	41	52	3	14	93	74	322	C 36	01071278200	-
75	3 " ½	48	57	4	13	115	91	515	C 16	01051278075	sim
3"	4"	59	66	7	14.5	132	104	720	C 12	01071278300	-
4"	5"	67	76	7	14.5	165	129	1190	C 6	01071278400	-

Dimension key: d = Ø exterior do tubo (in), G = Rosca (in), I1 = Profundidade de encaixe (2) (mm), I2 = Profundidade de encaixe (3) (mm), D = Ø exterior do acessório (mm), D1 = Ø exterior do acessório (2) (mm)

Union nuts for pools

d	G	I	D	Weight (g)	Pack	REF.	3D
" 1/2	1"	20	40	13	-	01011274012	-

d	G	I	D	Weight (g)	Pack	REF.	3D
"3/4	1" 1/4	23	51	23	-	01011274034	-
1"	1" 1/2	25	57	28	-	01011274100	-
1" 1/4	2"	27	71	47	-	01011274114	-
1" 1/2	2" 1/4	30	77	60	-	01011274150	-
2"	2" 3/4	37	93	97	-	01011274200	-
2" 1/2	3" 1/2	45	115	163	-	01011274250	-
3"	4"	45	132	245	-	01011274300	-
4"	5"	59	165	525	-	01011274400	-

Dimension key: d = Ø exterior do tubo (in), G = Rosca (in), I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

Union ends for pools

d	I	A	D	Z	Weight (g)	Pack	REF.	3D
" ½	20	29.5	27	3	7	-	01071275012	-
" ¾	23	33	30	3	14	-	01071275034	-
1"	26	39	36	3	18	-	01071275100	-
1"¼	30	56	52	3	33	-	01071275114	-
1"½	34	62	59	3	47	-	01071275150	-
2"	41	78	74	3	91	-	01071275200	-
75	49	97	91	5	144	-	01051275075	-
3"	59	109	104	7	212	-	01071275300	-
4"	67	135.5	129	7	274	-	01071275400	-

Dimension key: d = Ø exterior do tubo (in), I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

Union bushes for pools

d	G	I	Z	E	F	H	D	Weight (g)	Pack	REF.	3D
" ½	1"	27	9	25.4	3	2	27	12	-	01071276012	-
" ¾	1 " ¼	29	9	35.2	4.5	2.5	35	21	-	01071276034	-
1"	1 " ½	31	9	39.8	4.5	2.5	41	26	-	01071276100	-
1"¼	2 "	41	13	50.8	7	4	52	54	-	01071276114	-
1"½	2" ¼	45	14	57	7	4	67	67	-	01071276150	-
2"	2 " ¾	52	14	70	7	4	74	127	-	01071276200	-
75	3 " ½	57	13	85	7	4	91	202	-	01051276075	-
3"	4"	66	14.5	102	7	4	104	260	-	01071276300	-
4"	5"	76	14.5	124	7	4	128	380	-	01071276400	-

Dimension key: d = Ø exterior do tubo (in), G = Rosca (in), I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

23.16 Flange adaptors with grooves

PVC-U Solvent weld / fusion 6 references

d	h	I	A	D	Z	Weight (g)	Pack	REF.	3D
2"	9	41	90	77	3	121	C 80	01071152200	-
2"½	10	47	106	91	3	163	C 55	01071152250	-
3"	11	56	125	108	5	274	C 30	01071152300	-

d	h	I	A	D	Z	Weight (g)	Pack	REF.	3D
4"	12	69	150	134	5	424	C 20	01071152400	-
5"	14	83	187	162	6	714	D 22	01071152500	-
6"	16	98	221	196	6	1235	D 14	01071152600	-

Dimension key: d = Ø exterior do tubo (in), h = Altura (mm), I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

23.17 Sockets BS/MM

PVC-U	Solvent weld / fusion	10 references	10 with CAD file
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d	d1	D	I	Z	Weight (g)	Pack	REF.	3D
" 1/2	20	27	35	1.5	11	B 200	01091005005	sim
" 3/4	25	32.5	40.5	1	17	B 120	01091005006	sim
1 "	32	41	47	2	30	B 70	01091005007	sim
1 " 1/4	40	50	58	3	50	C 180	01091005008	sim
1 " 1/2	50	58	65	3	66	C 120	01091005009	sim
2 "	63	73	79	3	123	C 60	01091005010	sim
2 " 1/2 (73,2)	75	90	94	4	246	C 36	01091005011	sim
3 "	90	106	107	4	376	C 18	01091005012	sim
4 "	110	132	133	5	756	C 12	01091005013	sim
6 "	160	196	188	6	2265	D 10	01091005016	sim

Dimension key: d = Ø exterior do tubo (in), d1 = Ø exterior do tubo (2.ª saída) (mm), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm)

23.18 Reducing tees 90° BS/MM

PVC-U	Solvent weld / fusion	1 references
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d	d1	D	D1	I	I1	Z	Z1	Weight (g)	Pack	REF.	3D
40	" 1/2	47	25	49	38	22	21	72	C 100	01091004006	-

Dimension key: d = Ø exterior do tubo (mm), d1 = Ø exterior do tubo (2.ª saída) (in), D = Ø exterior do acessório (mm), D1 = Ø exterior do acessório (2) (mm), I = Profundidade de encaixe (mm), I1 = Profundidade de encaixe (2) (mm)

23.16a Backing flanges

PVC-U	Solvent weld / fusion	2 references	2 with CAD file
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d	A	B	K	I	Y	Furos	PN	Weight (g)	Pack	REF.	3D
4"	220	138	180	22	18	8	15	527	C 25	01071019400	sim
6"	285	198	240	28	22	8	15	923	C 10	01071019600	sim

Dimension key: d = Ø exterior do tubo (in), I = Profundidade de encaixe (mm), Furos = N.º de furos (un), PN = Pressão nominal (bar)

23.19 Unions for pools BS/MM

PVC-U	Solvent weld / fusion	32 references
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d	d1	G1	D	D1	I1	I2	Z1	Z2	Weight (g)	Pack	REF.	3D
" ½	20	1"	40	27	20	27	3	10	33	B 100	01091278005	-
" ¾	25	1 " ¼	51	35	23	29	3	10	62	B 40	01091278006	-
1"	32	1 " ½	57	41	27	31	3	10	79	B 30	01091278007	-

d	d1	G1	D	D1	I1	I2	Z1	Z2	Weight (g)	Pack	REF.	3D
1"¼	40	2 "	71	52	30	41	3	22	146	C 75	01091278008	-
1"½	50	2" ¼	77	59	34	45	3	22	184	C 60	01091278009	-
2"	63	2 " ¾	93	74	41	52	3	25	325	C 36	01091278010	-
3"	90	4"	132	104	59	66	7	31	750	C 12	01091278012	-
4"	110	5"	165	129	50	76	15	37	1200	C 6	01091278013	-

Dimension key: d = Ø exterior do tubo (in), d1 = Ø exterior do tubo (2.ª saída) (mm), G1 = Rosca (2.ª saída) (in), D = Ø exterior do acessório (mm), D1 = Ø exterior do acessório (2) (mm), I1 = Profundidade de encaixe (2) (mm), I2 = Profundidade de encaixe (3) (mm)

Union nuts for pools

d	G	I	D	Weight (g)	Pack	REF.	3D
" 1/2	1"	20	40	13	-	01011274012	-
"3/4	1" 1/4	23	51	23	-	01011274034	-
1"	1" 1/2	25	57	28	-	01011274100	-
1" 1/4	2"	27	71	47	-	01011274114	-
1" 1/2	2" 1/4	30	77	60	-	01011274150	-
2"	2" 3/4	37	93	97	-	01011274200	-
3"	4"	45	132	245	-	01011274300	-
4"	5"	59	165	525	-	01011274400	-

Dimension key: d = Ø exterior do tubo (in), G = Rosca (in), I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

Union ends for pools

d	I	A	D	Z	Weight (g)	Pack	REF.	3D
20	20	29.5	27	3	8	-	01051275020	-
25	23	33	30	3	16	-	01051275025	-
32	26	39	36	3	20	-	01051275032	-
40	30	56	48	3	31	-	01051275040	-
50	34	62	59	3	41	-	01051275050	-
63	41	78	74	3	77	-	01051275063	-
90	59	109	104	7	200	-	01051275090	-
110	67	135.5	129	7	337	-	01051275110	-

Dimension key: d = Ø exterior do tubo (mm), I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

Union bushes for pools

d	G	I	Z	E	F	H	D	Weight (g)	Pack	REF.	3D
" ½	1"	27	9	25.4	3	2	27	12	-	01071276012	-
" ¾	1 " ¼	29	9	35.2	4.5	2.5	35	21	-	01071276034	-
1"	1 " ½	31	9	39.8	4.5	2.5	41	26	-	01071276100	-
1"¼	2 "	41	13	50.8	7	4	52	54	-	01071276114	-
1"½	2" ¼	45	14	57	7	4	67	67	-	01071276150	-
2"	2 " ¾	52	14	70	7	4	74	127	-	01071276200	-
3"	4"	66	14.5	102	7	4	104	260	-	01071276300	-
4"	5"	76	14.5	124	7	4	128	380	-	01071276400	-

Dimension key: d = Ø exterior do tubo (in), G = Rosca (in), l = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

24.05 Elbow 90°

PVC-U

Connection: not defined

1 references

d	G	D	I	I1	Z	Z1	Weight (g)	Pack	REF.	3D
4 "	4 "	132	122	122	83	58	1180	D 16	01121002040	-

Dimension key: d = Ø exterior do tubo (in), G = Rosca (in), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm), I1 = Profundidade de encaixe (2) (mm)

24.06 Socket female/female

PVC-U

Connection: not defined

9 references

2 with CAD file

d	G	S	I	Z	Weight (g)	Pack	REF.	3D
"½	"½	32	36	4	22	B 130	01121007005	sim
"¾	"¾	38	40	3	33	B 90	01121007006	-
1 "	1 "	46	45	5	50	B 60	01121007007	-
1"¼	1"¼	55	50	6	68	B 40	01121007008	-
1"½	1"½	64	55	3	116	B 30	01121007009	-
2 "	2 "	80	65	4	184	B 18	01121007010	sim
75	2"1/2	92	82	7	195	B 9	01101007011	-
3 "	3 "	107	93	8	366	B 6	01121007012	-
4 "	4 "	134	133	30	785	C 12	01121007013	-

Dimension key: d = Ø exterior do tubo (in), G = Rosca (in), I = Profundidade de encaixe (mm)

24.07 Reducer female/male

PVC-U

Connection: not defined

10 references

2 with CAD file

d	G	I	Z	S	Weight (g)	Pack	REF.	3D
"1/2	"1/2	37	21	28	11	A 50	01121006005	-
"3/4	"3/4	41	21	33	17	B 120	01121006007	sim
1 "	1 "	49	26	41	29	B 60	01121006009	-
1"1/4	1"1/4	52	25	52	46	C 180	01121006011	-
1"1/2	1"1/2	61	29	62	83	B 35	01121006015	-
1"1/2	2 "	68	31	73	102	C 100	01121006017	-
2 "	2 "	68	31	73	130	C 100	01121006019	sim
2"1/2	2"1/2	97	53	95	268	C 48	01121006025	-
3 "	3 "	110	59	116	484	C 20	01121006030	-
4 "	4 "	114	50	130	507	C 15	01121006038	-

Dimension key: d = Ø exterior do tubo (in), G = Rosca (in), I = Profundidade de encaixe (mm)

24.08 Multiple reducer female/male/male

PVC-U Connection: not defined 1 references

d	d1	G	I	Z	S	Weight (g)	Pack	REF.	3D
1" 1/2	2"	2"	76	44	66	120	C 80	01121081015	-

Dimension key: d = Ø exterior do tubo (in), d1 = Ø exterior do tubo (2.ª saída) (in), G = Rosca (in), I = Profundidade de encaixe (mm)

24.09 Union for pool female/female

PVC-U Connection: not defined 45 references 1 with CAD file

d	G	G1	D	D1	I1	I2	Z1	Z2	PN	Weight (g)	Pack	REF.	3D
½	"½	1"	40	27	20	27	3	10	10	30	B 100	01121278005	-
"¾	"¾	1" ¼	51	35	23	29	3	10	10	60	B 50	01121278006	-
1"	1"	" 1" ½	57	41	27	31	3	10	10	75	B 40	01121278007	-
1"1/4	1"1/4	2"	71	52	30	41	3	22	10	140	C 75	01121278008	-
1"1/2	1"1/2	2" ¼	77	59	34	45	3	22	10	184	C 60	01121278009	-
2"	2"	2" ¾	93	74	41	52	3	25	10	325	C 30	01121278010	-
75	2"1/2	3" ½	115	91	49	57	5	26	10	540	C 16	01101278011	sim
3"	3"	4"	132	104	59	66	7	31	10	750	C 12	01121278012	-
4"	4"	5"	165	129	67	79	4	43	4	1190	C 6	01121278013	-

Dimension key: d = Ø exterior do tubo (in), G = Rosca (in), G1 = Rosca (2.ª saída) (in), D = Ø exterior do acessório (mm), D1 = Ø exterior do acessório (2) (mm), I1 = Profundidade de encaixe (2) (mm), I2 = Profundidade de encaixe (3) (mm), PN = Pressão nominal (bar)

Union nut for pool

d	G	I	D	Weight (g)	Pack	REF.	3D
" 1/2	1"	20	40	13	-	01011274012	-
"3/4	1" 1/4	23	51	23	-	01011274034	-
1"	1" 1/2	25	57	28	-	01011274100	-
1" 1/4	2"	27	71	47	-	01011274114	-
1" 1/2	2" 1/4	30	77	60	-	01011274150	-
2"	2" 3/4	37	93	97	-	01011274200	-
2" 1/2	3" 1/2	45	115	163	-	01011274250	-
3"	4"	45	132	245	-	01011274300	-
4"	5"	59	165	525	-	01011274400	-

Dimension key: d = Ø exterior do tubo (in), G = Rosca (in), I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

Union end for pool

d	I	A	D	Z	Weight (g)	Pack	REF.	3D
" ½	20	29.5	27	3	7	-	01071275012	-
" ¾	23	33	30	3	14	-	01071275034	-
1"	26	39	36	3	18	-	01071275100	-
1"¼	30	56	52	3	33	-	01071275114	-
1"½	34	62	59	3	47	-	01071275150	-
2"	41	78	74	3	91	-	01071275200	-
75	49	97	91	5	144	-	01051275075	-

d	I	A	D	Z	Weight (g)	Pack	REF.	3D
3"	59	109	104	7	212	-	01071275300	-
4"	67	135.5	129	7	274	-	01071275400	-

Dimension key: d = Ø exterior do tubo (in), I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

Union bush for pool

d	G1	I	Z	E	F	H	D	Weight (g)	Pack	REF.	3D
-	1"	27	9	25,4	3	2	27	13	-	01011276012	-
-	1" 1/4	29	9	35,2	4,5	2,5	35	23	-	01011276034	-
-	1" 1/2	31	9	39,8	4,5	2,5	41	29	-	01011276100	-
-	2"	41	22	50,8	7	4	52	58	-	01011276114	-
-	2" 1/4	45	22	57	7	4	59	76	-	01011276150	-
-	2" 3/4	52	25	70	7	4	74	140	-	01011276200	-
-	3" 1/2	57	26	85	7	4	91	219	-	01011276250	-
-	4"	66	31	102	7	4	104	297	-	01011276300	-
-	5"	76	37	124	7	4	128	432	-	01011276400	-

Dimension key: d = Ø exterior do tubo (in), G1 = Rosca (2.ª saída) (in), I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

O' ring gasket

D	d	I	Weight (g)	Pack	REF.	3D
25,64	20,30	2,62	-	-	40908093106	-
35,23	28,17	3,53	-	-	40908093014	-
39,96	32,92	3,53	-	-	40908093016	-
51,30	40,64	5,33	-	-	40908093018	-
57,65	46,99	5,33	-	-	40908093024	-
70,36	59,70	5,33	-	-	40908093030	-
85,29	74,63	5,33	-	-	40908093055	-
102,10	91,44	5,33	-	-	40908093056	-
124,33	113,67	5,33	-	-	40908093057	-

Dimension key: D = Ø exterior do acessório (mm), d = Ø exterior do tubo (mm), I = Profundidade de encaixe (mm)

24.10 Socket F/F with metallic thread

PVC-U Threaded 1 references

d	G	D	D1	I	Z	Weight (g)	Pack	REF.	3D
" 1 / 2	" 1 / 2	30	38	36	8	60	B 170	01121102005	-

Dimension key: d = Ø exterior do tubo (in), G = Rosca (in), D = Ø exterior do acessório (mm), D1 = Ø exterior do acessório (2) (mm), I = Profundidade de encaixe (mm)

25.05 Cement jointing valve

PVC-U

Solvent weld / fusion

10 references

1 with CAD file

D	DN	A	B	H	L	M	S	Z	L1	L2	Weight (g)	Pack	REF.	3D
"½	15	48	46	70	84	35	10	44	20	17	127	B 40	01671077020	-
"¾	20	58.5	56	85	101	46	13	54	23.5	20	196	C 60	01671075025	-
"¾	25	68	71	105	112	54	18	66	23	20	355	C 40	01671077025	-
1"	25	68	71	105	126	54	18	66	30	23	360	C 40	01671077032	-
1¼"	40	95	93	141	149	65	21	88	30.5	27	815	C 16	01671077040	-
1½"	40	95	93	141	157	65	21	88	34.5	31	826	C 16	01671077050	-
2"	50	115	107	164	190	74	23	102	44	38	1382	C 10	01671077063	-
75	65	151	122	197	214	100	25	116	49	44	2500	C 4	01611077075	sim
3"	80	185	148	240	249	123	30	130	59	51	3900	C 3	01671077090	-
4"	80	185	148	240	259	123	30	130	64	58	3900	C 3	01671077110	-

Dimension key: D = Ø exterior do acessório (in), DN = Diâmetro nominal (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm), L2 = Comprimento (3) (mm)

25.06 Cement jointing valve (Teflon-EPDM)

PVC-U

Solvent weld / fusion

10 references

1 with CAD file

D	DN	A	B	H	L	M	S	Z	L1	L2	Weight (g)	Pack	REF.	3D
"½	15	48	46	70	84	35	10	44	20	17	127	B 40	01671299020	-
"¾	20	58.5	56	85	101	46	13	54	23.5	20	196	C 60	01671300025	-
"¾	25	68	71	105	112	54	18	66	23	20	355	C 40	01671299025	-
1"	25	68	71	105	126	54	18	66	30	23	360	C 40	01671299032	-
1¼"	40	95	93	141	149	65	21	88	30.5	27	815	C 16	01671299040	-
1½"	40	95	93	141	157	65	21	88	34.5	31	826	C 16	01671299050	-
2"	50	115	107	164	190	74	23	102	44	38	1382	C 10	01671299063	-
75	65	151	122	197	214	100	25	116	49	44	2500	C 4	01611299075	sim
3"	80	185	148	240	249	123	30	130	59	51	3900	C 3	01671299090	-
4"	80	185	148	240	259	123	30	130	64	58	3900	C 3	01671299110	-

Dimension key: D = Ø exterior do acessório (in), DN = Diâmetro nominal (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm), L2 = Comprimento (3) (mm)

25.07 Cement jointing valve (Teflon-VITON)

PVC-U

Solvent weld / fusion

10 references

1 with CAD file

D	DN	A	B	H	L	M	S	Z	L1	L2	Weight (g)	Pack	REF.	3D
"½	15	48	46	70	84	35	10	44	20	17	127	B 40	01671296020	-
"¾	20	58.5	56	85	101	46	13	54	23.5	20	196	C 60	01671297025	-
"¾	25	68	71	105	112	54	18	66	23	20	355	C 40	01671296025	-
25	68	71	105	126	54	18	66	30	23	360	-	C 40	01671296032	-

D	DN	A	B	H	L	M	S	Z	L1	L2	Weight (g)	Pack	REF.	3D
1"¼	40	95	93	141	149	65	21	88	30.5	27	815	C 16	01671296040	-
1"½	40	95	93	141	157	65	21	88	34.5	31	826	C 16	01671296050	-
2"	50	115	107	164	190	74	23	102	44	38	1382	C 10	01671296063	-
75	65	151	122	197	214	100	25	116	49	44	2500	C 4	01611296075	sim
3"	80	185	148	240	249	123	30	130	59	51	3900	C 3	01671296090	-
4"	80	185	148	240	259	123	30	130	64	58	3900	C 3	01671296110	-

Dimension key: D = Ø exterior do acessório (in), DN = Diâmetro nominal (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm), L2 = Comprimento (3) (mm)

25.08 Single union ball valve F/F

PVC-U Connection: not defined 9 references

D	DN	A	B	H	L	M	S	L1	L2	Weight (g)	Pack	REF.	3D
"½	15	48	46	70	75	35	10	20	17	91	B 45	01551077020	-
"¾	20	58.5	56	85	90	46	13	23.5	20	140	C 72	01551075025	-
"¾	25	68	71	105	100	54	18	23	20	264	C 50	01551077025	-
1"	25	68	71	105	111	54	18	30	23	273	C 50	01551077032	-
1"¼	40	95	93	141	135	65	21	30.5	27	606	C 20	01551077040	-
1"¼	40	95	93	141	135	65	21	30.5	27	606	C 20	01551077040	-
2"	50	115	107	164	172	74	23	44	38	1028	C 12	01551077063	-
75	65	151	122	197	204	100	25	49	44	1920	C 4	01691077075	-
3"	80	185	148	240	239	123	30	59	51	3000	C 3	01551077090	-

Dimension key: D = Ø exterior do acessório (in), DN = Diâmetro nominal (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm), L2 = Comprimento (3) (mm)

25.09 Union end female

PVC-U Solvent weld / fusion 10 references

d	A	D	I	Z	Weight (g)	Pack	REF.	3D
"½	36	28	20	3	11	A 60	01671208020	-
"¾	44	36	23.5	3.5	22	A 40	01671135025	-
"¾	50	36	23	4	25	A 30	01671208025	-
1"	50	42	30	7	29	A 20	01671208032	-
1"¼	74.5	52	30.5	3.5	60	B 60	01671208040	-
1"½	74.5	63	34.5	3.5	64	B 40	01671208050	-
2"	90	77	44	5	117	B 20	01671208063	-
2"½	124	91	49	5	220	B 12	01671208075	-
3"	138	111	58	7	363	B 8	01671208090	-
4"	141	132	64	6	351	B 8	01671208110	-

Dimension key: d = Ø exterior do tubo (in), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm)

25.10 Union end female

PVC-U

Threaded

10 references

10 with CAD file

G	I	A	D	Z	Weight (g)	Pack	REF.	3D
" 1/2	20	36	28	5	11	A 60	01611131012	sim
" 3/4	23.5	44	36	7.5	22	A 40	01611135034	sim
" 3/4	23	50	36	6	25	A 30	01611131034	sim
1 "	30	50	42	11	28	A 20	01611131100	sim
1 " 1/4	30.5	74.5	52	9.5	58	B 60	01611131114	sim
1 " 1/2	34.5	74.5	63	12.5	76	B 40	01611131150	sim
2 "	44	90	77	18	145	B 20	01611131200	sim
2 " 1/2	49	124	91	18	235	B 12	01611131250	sim
3 "	58	138	111	24	392	B 8	01611131300	sim
4 "	50	135	128.5	15	280	B 6	01611131400	sim

Dimension key: G = Rosca (in), I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

25.11 Union end female NPT

PVC-U

Threaded

9 references

G	I	A	D	Z	Weight (g)	Pack	REF.	3D
"½	20	36	28	5	11	A 60	01611209012	-
"¾	23.5	44	36	7.5	22	A 40	01671209034	-
"¾	23	50	36	7	25	A 30	01611209034	-
1"	30	50	42	11	28	A 20	01611209100	-
1"¼	30.5	74.5	52	9.5	58	B 60	01611209114	-
1"½	34.5	74.5	63	12.5	76	B 40	01611209150	-
2"	44	90	77	18	134	B 20	01611209200	-
2"½	49	124	91	18	235	B 12	01611209250	-
3"	58	138	111	24	392	B 8	01611209300	-

Dimension key: G = Rosca (in), I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

25.12 Male union end

PVC-U

Threaded

7 references

6 with CAD file

G	I	A	S	Z	Weight (g)	Pack	REF.	3D
" 1/2	36	36	22	21	14	A 50	01611206012	sim
" 3/4	40	43	28	24	24	A 30	01011205034	sim
" 3/4	41.5	50	36	25	34	A 25	01611206034	sim
1 "	45	50	36	26	37	A 15	01611206100	sim
1 " 1/4	48	74.5	50	29	77	B 45	01611206114	-
1 " 1/2	51	74.5	50	30	80	B 30	01611206150	sim
2 "	61	90	65	35	147	B 15	01611206200	sim

Dimension key: G = Rosca (in), I = Profundidade de encaixe (mm)

25.13 Male union end NPT

PVC-U

Threaded

7 references

1 with CAD file

G	I	A	S	Z	Weight (g)	Pack	REF.	3D
"½	36	36	22	21	14	A 50	01611226012	-
" ¾	40	43	28	24	24	A 30	01011205034	sim
"¾	41.5	50	36	25	34	A 25	01611226034	-
1"	45	50	36	26	37	A 15	01611226100	-
1"¾	48	74.5	50	29	77	B 45	01611226114	-
1"½	51	74.5	50	30	80	B 30	01611226150	-
2"	61	90	65	35	147	B 15	01611226200	-

Dimension key: G = Rosca (in), I = Profundidade de encaixe (mm)

26.05 Check valves F/F

PVC-U

Connection: not defined

8 references

d	A	I	L	Weight (g)	Pack	REF.	3D
½"	48	84	17	104	B 35	01671291020	-
¾"	68	112	19	270	C 60	01671291025	-
1"	68	126	23	277	C 48	01671291032	-
1¼"	95	149	27	622	C 18	01671291040	-
1½"	95	157	31	630	C 18	01671291050	-
2"	115	190	38	1080	C 10	01671291063	-
3"	185	249	51	3250	C 3	01671291090	-
4"	185	266	61	3270	C 3	01671291110	-

Dimension key: d = Ø exterior do tubo (in), I = Profundidade de encaixe (mm), L = Comprimento (mm)

26.06 Spring foot valves female

PVC-U

Connection: not defined

6 references

d	A	I	L	Weight (g)	Pack	REF.	3D
½"	48	94	17	97	B 35	01661294020	-
¾"	68	132	19	249	C 35	01661294025	-
1"	68	139	23	256	C 35	01661294032	-
1¼"	95	179	27	582	C 18	01661294040	-
1½"	95	182	31	586	C 18	01661294050	-
2"	115	221	38	1004	C 8	01661294063	-

Dimension key: d = Ø exterior do tubo (in), I = Profundidade de encaixe (mm), L = Comprimento (mm)

26.07 Single union check valves F/F

PVC-U

Connection: not defined

6 references

d	A	I	L	Weight (g)	Pack	REF.	3D
½"	48	75	17	68	B 50	01551291020	-
¾"	68	100	19	175	C 60	01551291025	-
1"	68	111	23	190	C 50	01551291032	-
1¼"	95	135	27	413	C 24	01551291040	-
1½"	95	143	31	439	C 24	01551291050	-
2"	115	172	38	750	C 13	01551291063	-

Dimension key: d = Ø exterior do tubo (in), I = Profundidade de encaixe (mm), L = Comprimento (mm)

26.08 Single union spring foot valves female

PVC-U Connection: not defined 6 references

d	A	I	L	Weight (g)	Pack	REF.	3D
"½	48	85	15	68	B 50	01561294020	-
"¾	68	120	16	175	C 60	01561294025	-
1"	68	124	19	190	C 50	01561294032	-
1"¼	95	148	21	413	C 12	01561294040	-
1"½	95	169	22	439	C 12	01561294050	-
2"	115	203	26	750	C 12	01561294063	-

Dimension key: d = Ø exterior do tubo (in), I = Profundidade de encaixe (mm), L = Comprimento (mm)

26.09 Union ends female

PVC-U Solvent weld / fusion 9 references

d	A	D	I	Z	Weight (g)	Pack	REF.	3D
"½	36	28	20	3	11	A 60	01671208020	-
"¾	50	36	23	4	25	A 30	01671208025	-
1"	50	42	30	7	29	A 20	01671208032	-
1"¼	74.5	52	30.5	3.5	60	B 60	01671208040	-
1"½	74.5	63	34.5	3.5	64	B 40	01671208050	-
2"	90	77	44	5	117	B 20	01671208063	-
2"½	124	91	49	5	220	B 12	01671208075	-
3"	138	111	58	7	363	B 8	01671208090	-
4"	141	132	64	6	351	B 8	01671208110	-

Dimension key: d = Ø exterior do tubo (in), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm)

26.10 Foot valve screen

PVC-U Connection: not defined 4 references

G	d	A	I	Weight (g)	Pack	REF.	3D
"½	20	35	30	4	A 60	02612290020	-
"¾ 1"	25 32	50 50	43 43	-	-	02612290032	-
1"¼ 1"½	40 50	73 73	60 60	-	-	02612290040	-
2"	63	89	75	33	B 24	02612290063	-

Dimension key: G = Rosca (in), d = Ø exterior do tubo, I = Profundidade de encaixe

27.05 Elbows 90°

ABS

Solvent weld / fusion

10 references

d	D	I	Z	Weight (g)	Pack	REF.	3D
1/2"	27	28	11	14	B 120	04074001012	-
3/4"	32.5	33	13	18	B 90	04074001034	-
1"	42	39	16	37	B 50	04074001100	-
1 1/4"	50	47	21	52	C 100	04074001114	-
1 1/2"	58	57	26	88	C 64	04074001150	-
2"	73	72	34	183	C 30	04074001200	-
2 1/2"	87.5	82	38	247	C 20	04074001250	-
3"	105	97	46	440	C 12	04074001300	-
4"	132	122	58	810	D 16	04074001400	-
5"	162	149	72	1500	D 8	04074001500	-

Dimension key: d = Ø exterior do tubo (in), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm)

27.06 Tees 90°

ABS

Solvent weld / fusion

10 references

d	D	I	Z	Weight (g)	Pack	REF.	3D
1/2"	27	28	11	18	B 100	04074003012	-
3/4"	33	33	13	28	B 50	04074003034	-
1"	41	39	16	42	B 30	04074003100	-
1 1/4"	50	49	21	69	C 70	04074003114	-
1 1/2"	58	57	26	118	C 50	04074003150	-
2"	73	72	34	250	C 26	04074003200	-
2 1/2"	88.5	82	38	367	C 14	04074003250	-
3"	105	97	46	545	D 24	04074003300	-
4"	132	122	58	1074	D 12	04074003400	-
5"	162	149	72	1932	D 5	04074003500	-

Dimension key: d = Ø exterior do tubo (in), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm)

27.07 Elbows 45°

ABS

Solvent weld / fusion

10 references

d	D	I	Z	Weight (g)	Pack	REF.	3D
1/2"	27.5	21	4	11	B 180	04074067012	-
3/4"	33.5	25	5	17	B 100	04074067034	-
1"	42	30	7	31	B 60	04074067100	-
1 1/4"	51	36	9	50	C 120	04074067114	-
1 1/2"	58	43	11	70	C 80	04074067150	-
2"	75	53	15	168	C 40	04074067200	-

d	D	I	Z	Weight (g)	Pack	REF.	3D
2"½	90	62	18	238	C 20	04074067250	-
3"	106	72	21	381	C 14	04074067300	-
4"	132	88.5	25	630	D 20	04074067400	-
5"	162	107	30	1152	D 10	04074067500	-

Dimension key: d = Ø exterior do tubo (in), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm)

27.08 Sockets

ABS	Solvent weld / fusion	11 references
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d	D	I	Z	Weight (g)	Pack	REF.	3D
"½	27	35	1.5	8	B 200	04074005012	-
"¾	32.5	40.5	1	11	B 120	04074005034	-
1"	41	47	2	21	B 70	04074005100	-
1"¼	50	58	3	34	C 180	04074005114	-
1"½	58	65	3	53	C 120	04074005150	-
2"	73	79	3	101	C 60	04074005200	-
2"½	90	94	4	184	C 30	04074005250	-
3"	106	107	4	293	C 18	04074005300	-
4"	132	133	5	500	C 12	04074005400	-
5"	162	162	8	866	D 14	04074005500	-
6"	196	189	8	1492	E 6	04074005600	-

Dimension key: d = Ø exterior do tubo (in), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm)

27.09 Caps

ABS	Solvent weld / fusion	11 references
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d	D	I	Weight (g)	Pack	REF.	3D
"½	27	22	6	A 80	04074012012	-
"¾	32.5	26	9	B 200	04074012034	-
1"	41	30	15	B 120	04074012100	-
1"¼	50	38	25	B 80	04074012114	-
1"½	58	43	39	C 200	04074012150	-
2"	73	50	73	C 100	04074012200	-
2"½	90	60	134	C 60	04074012250	-
3"	106	68	208	C 35	04074012300	-
4"	134	90	423	C 18	04074012400	-
5"	162	110	0	C 10	04074012500	-
6"	196	132	1250	C 6	04074012600	-

Dimension key: d = Ø exterior do tubo (in), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm)

27.10 Short reducers

ABS Solvent weld / fusion 7 references

d	d1	I	Z	Fig	Weight (g)	Pack	REF.	3D
2"	1½"	38	7	A	41	C 160	04074080019	-
2½"	1¾"	44	16	B	81	C 100	04074080020	-
2½"	1½"	44	13	B	84	C 100	04074080021	-
2½"	2"	44	6	A	71	C 100	04074080022	-
3"	1½"	51	19	B	150	C 60	04074080023	-
3"	2"	51	13	B	114	C 60	04074080024	-
3"	2½"	51	7	A	95	C 60	04074080025	-

Dimension key: d = Ø exterior do tubo (in), d1 = Ø exterior do tubo (2.ª saída) (in), I = Profundidade de encaixe (mm), Fig = Figura (un)

27.11 Unions

ABS Solvent weld / fusion 24 references

d	G	D	D1	I1	I2	Z1	Z2	Weight (g)	Pack	REF.	3D
½"	40x10	46	28	26	20	10	3	39	B 60	04074114012	-
¾"	47x10	56	36	28	23	10	3	61	B 40	04074114034	-
1"	53x8	67	42	30	26	10	3	90	B 20	04074114100	-
1¼"	66x8	82	52	41	31	13	3	153	C 60	04074114114	-
1½"	74x8	88	63	45	35	14	3	198	C 45	04074114150	-
2"	90x8	106	77	52	42	14	3	328	C 30	04074114200	-

Dimension key: d = Ø exterior do tubo (in), G = Rosca, D = Ø exterior do acessório (mm), D1 = Ø exterior do acessório (2) (mm), I1 = Profundidade de encaixe (2) (mm), I2 = Profundidade de encaixe (3) (mm)

Union nuts

d	G	I	D	Weight (g)	Pack	REF.	3D
½"	40x10	22	46	16	-	04014118012	-
¾"	47x10	26	56	26	-	04014118034	-
1"	53x8	28	67	42	-	04014118100	-
1¼"	66x8	30	82	62	-	04014118114	-
1½"	74x8	31	88	68	-	04014118150	-
2"	90x8	38	106	113	-	04014118200	-

Dimension key: d = Ø exterior do tubo (in), G = Rosca, I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

Union ends

d	A	D	I	Z	Weight (g)	Pack	REF.	3D
½"	36	28	20	3	8	-	04074116012	-
¾"	43	36	23	3	13	-	04074116034	-
1"	50	42	26	3	18	-	04074116100	-
1¼"	63	52	31	3	28	-	04074116114	-
1½"	69	63	35	3	48	-	04074116150	-
2"	83	77	42	3	83	-	04074116200	-

Dimension key: d = Ø exterior do tubo (in), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm)

Union bushes

d	G	I	Z	E	F	H	D	Weight (g)	Pack	REF.	3D
"½	40x10	26	10	28.4	4.3	2.5	28	14	-	04074117012	-
"¾	47x10	28	10	35.5	4.8	2.5	36	21	-	04074117034	-
1"	53x8	30	10	39.6	4.6	2.5	42	29	-	04074117100	-
1"¼	66x8	41	13	51.8	7	4	52	52	-	04074117114	-
1"½	74x8	45	14	57	7	4	63	77	-	04074117150	-
2"	90x8	52	14	70	7	4	77	126	-	04074117200	-

Dimension key: d = Ø exterior do tubo (in), G = Rosca, I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

27.15 Flange adaptors with grooves

ABS Solvent weld / fusion 6 references

d	h	I	A	D	Z	Weight (g)	Pack	REF.	3D
2"	9	41	90	77	3	90	C 80	04074152200	-
2"½	10	47	106	91	3	122	C 55	04074152250	-
3"	11	56	125	108	5	204	C 30	04074152300	-
4"	12	69	150	134	5	307	C 20	04074152400	-
5"	14	83	187	162	6	537	D 22	04074152500	-
6"	16	98	221	196	6	915	D 14	04074152600	-

Dimension key: d = Ø exterior do tubo (in), h = Altura (mm), I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

27.16 Backing flanges

ABS Solvent weld / fusion 2 references

d	A	B	K	I	Y	Furos/Holes	PN	Weight (g)	Pack	REF.	3D
4"	220	138	180	22	18	8	15	400	C 25	04074019400	-
6"	285	240	240	28	22	8	15	700	C 10	04074019600	-

Dimension key: d = Ø exterior do tubo (in), I = Profundidade de encaixe (mm), PN = Pressão nominal (bar)

27.17 Tees 45°

ABS Solvent weld / fusion 4 references

d	D	I	Z	Z1	Weight (g)	Pack	REF.	3D
" ½	27	68	29	7	22	B 80	04074344012	-
" ¾	33	81	35	8	35	B 50	04074344034	-
1"	41	97	43	9	60	B 30	04074344100	-
1" ¼	50	118	54	11	95	C 55	04074344114	-

Dimension key: d = Ø exterior do tubo (in), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm)

28.05 Sockets female/female

ABS

Connection: not defined

9 references

d	G	S	I	Z	Weight (g)	Pack	REF.	3D
"1/2	"1/2	32	36	4	17	B 130	04124007005	-
"3/4	"3/4	38	40	3	25	B 90	04124007006	-
1"	1"	46	45	5	38	B 60	04124007007	-
1"1/4	1"1/4	55	50	6	50	B 40	04124007008	-
1"1/2	1"1/2	64	55	3	90	B 30	04124007009	-
2"	2"	80	65	4	140	C 60	04124007010	-
2"1/2	2"1/2	90	80	5	0	B 9	04124007011	-
3"	3"	107	93	8	257	B 6	04124007012	-
4"	4"	134	133	30	566	C 10	04124007013	-

Dimension key: d = Ø exterior do tubo (in), G = Rosca (in), I = Profundidade de encaixe (mm)

28.06 Reducers female/male

ABS

Connection: not defined

10 references

d	G	I	Z	S	Weight (g)	Pack	REF.	3D
"1/2	"1/2	37	21	28	9	A 50	04124006005	-
"3/4	"3/4	41	21	33	13	B 120	04124006007	-
1 "	1 "	49	26	41	22	B 80	04124006009	-
1" 1/4	1" 1/4	52	25	52	34	B 50	04124006011	-
1" 1/2	1" 1/2	61	29	62	62	B 35	04124006015	-
1" 1/2	2"	68	31	73	95	C 100	04124006017	-
2"	2"	68	31	73	95	C 100	04124006019	-
2" 1/2	2" 1/2	97	53	95	0	C 36	04124006025	-
3"	3"	110	59	116	360	C 20	04124006030	-
4"	4"	114	50	130	380	C 15	04124006038	-

Dimension key: d = Ø exterior do tubo (in), G = Rosca (in), I = Profundidade de encaixe (mm)

29.05 SCH80 - Cement jointing valves

PVC-U

Solvent weld / fusion

9 references

D	A	B	H	L	M	S	Z	L1	L2	Weight (g)	Pack	REF.	3D
"½	48	46	70	94	35	10	44	25	22	127	B 40	01541077020	-
"¾	68	71	105	122	54	18	66	28	25	355	C 40	01541077025	-
1"	68	71	105	130	54	18	66	32	29	360	C 40	01541077032	-
1"¼	95	93	141	158	65	21	88	35	32	815	C 16	01541077040	-
1"½	95	93	141	164	65	21	88	38	35	826	C 16	01541077050	-
2"	115	107	164	190	74	23	102	44	38	1382	C 10	01541077063	-
2"½	151	122	197	214	100	25	116	49	44	2500	C 4	01541077075	-
3"	185	148	240	249	123	30	130	59	51	3900	C 3	01541077090	-
4"	185	148	240	259	123	30	130	64	58	3900	C 3	01541077110	-

Dimension key: D = Ø exterior do acessório (in), L = Comprimento (mm), L1 = Comprimento (2) (mm), L2 = Comprimento (3) (mm)

29.06 SCH80 - Cement jointing valves (Teflon-EPDM)

PVC-U

Solvent weld / fusion

9 references

D	A	B	H	L	M	S	Z	L1	L2	Weight (g)	Pack	REF.	3D
"½	48	46	70	94	35	10	44	25	22	127	B 40	01541299020	-
"¾	68	71	105	122	54	18	66	28	25	355	C 40	01541299025	-
1"	68	71	105	130	54	18	66	32	29	360	C 40	01541299032	-
1"¼	95	93	141	158	65	21	88	35	32	815	C 16	01541299040	-
1"½	95	93	141	164	65	21	88	38	35	826	C 16	01541299050	-
2"	115	107	164	190	74	23	102	44	38	1382	C 10	01541299063	-
2"½	151	122	197	214	100	25	116	49	44	2500	C 4	01541299075	-
3"	185	148	240	249	123	30	130	59	51	3900	C 3	01541299090	-
4"	185	148	240	259	123	30	130	64	58	3900	C 3	01541299110	-

Dimension key: D = Ø exterior do acessório (in), L = Comprimento (mm), L1 = Comprimento (2) (mm), L2 = Comprimento (3) (mm)

29.07 SCH80 - Cement jointing valves (Teflon-VITON)

PVC-U

Solvent weld / fusion

9 references

D	A	B	H	L	M	S	Z	L1	L2	Weight (g)	Pack	REF.	3D
"½	48	46	70	94	35	10	44	25	22	127	B 40	01541296020	-
"¾	68	71	105	122	54	18	66	28	25	355	C 40	01541296025	-
1"	68	71	105	130	54	18	66	32	29	360	C 40	01541296032	-
1"¼	95	93	141	158	65	21	88	35	32	815	C 16	01541296040	-
1"½	95	93	141	164	65	21	88	38	35	826	C 16	01541296050	-
2"	115	107	164	190	74	23	102	44	38	1382	C 10	01541296063	-
2"½	151	122	197	214	100	25	116	49	44	2500	C 4	01541296075	-
3"	185	148	240	249	123	30	130	59	51	3900	C 3	01541296090	-

D	A	B	H	L	M	S	Z	L1	L2	Weight (g)	Pack	REF.	3D
4"	185	148	240	259	123	30	130	64	58	3900	C 3	01541296110	-

Dimension key: D = Ø exterior do acessório (in), L = Comprimento (mm), L1 = Comprimento (2) (mm), L2 = Comprimento (3) (mm)

29.08 SCH80 - Union ends female

PVC-U	Solvent weld / fusion	9 references
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d	A	D	I	Z	Weight (g)	Pack	REF.	3D
½"	36	28	25	3	11	A 60	01541384020	-
¾"	50	36	28	4	25	A 30	01541384025	-
1"	50	42	32	7	29	A 20	01541384032	-
1¼"	74.5	52	35	3.5	60	B 60	01541384040	-
1½"	74.5	63	38	3.5	64	B 40	01541384050	-
2"	90	77	44	5	117	B 20	01541384063	-
2½"	124	91	49	5	220	B 12	01541384075	-
3"	138	111	58	7	363	B 8	01671208090	-
4"	141	132	64	6	351	B 8	01671208110	-

Dimension key: d = Ø exterior do tubo (in), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm)

30.05 SCH80 - Check valves F/F

PVC-U

Connection: not defined

9 references

d	A	I	L	Weight (g)	Pack	REF.	3D
"½	48	94	22	104	B 35	01541291020	-
"¾	68	122	25	270	C 60	01541291025	-
1"	68	130	29	277	C 48	01541291032	-
1"¼	95	158	32	622	C 18	01541291040	-
1"½	95	164	35	630	C 18	01541291050	-
2"	115	190	38	1080	C 10	01541291063	-
2"½	151	216	44	2120	C 4	01541291075	-
3"	185	249	51	3250	C 3	01671291090	-
4"	185	266	61	3270	C 3	01671291110	-

Dimension key: d = Ø exterior do tubo (in), I = Profundidade de encaixe (mm), L = Comprimento (mm)

30.06 SCH80 - Union ends female

PVC-U

Solvent weld / fusion

9 references

d	A	D	I	Z	Weight (g)	Pack	REF.	3D
"½	36	28	25	3	11	A 60	01541384020	-
"¾	50	36	28	4	25	A 30	01541384025	-
1"	50	42	32	7	29	A 20	01541384032	-
1"¼	74.5	52	35	3.5	60	B 60	01541384040	-
1"½	74.5	63	38	3.5	64	B 40	01541384050	-
2"	90	77	44	5	117	B 20	01541384063	-
2"½	124	91	49	5	220	B 12	01541384075	-
3"	138	111	58	7	363	B 8	01671208090	-
4"	141	132	64	6	351	B 8	01671208110	-

Dimension key: d = Ø exterior do tubo (in), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm)

31.05 Cement jointing valves

ABS

Solvent weld / fusion

8 references

D	A	B	H	L	M	S	Z	L1	L2	Weight (g)	Pack	REF.	3D
"½	48	46	70	84	35	10	44	20	17	97	B 40	04674077020	-
"¾	68	71	105	112	54	18	66	23	20	276	C 40	04674077025	-
1"	68	71	105	126	54	18	66	30	23	281	C 40	04674077032	-
1"¼	95	93	141	149	65	21	88	30.5	27	625	C 16	04674077040	-
1"½	95	93	141	157	65	21	88	34.5	31	651	C 16	04674077050	-
2"	115	107	164	190	74	23	102	44	38	1073	C 10	04674077063	-
2"½	151	122	197	214	100	25	116	49	44	1940	C 4	04674077075	-
3"	185	148	240	249	123	30	130	59	51	2950	C 3	04674077090	-

Dimension key: D = Ø exterior do acessório (in), L = Comprimento (mm), L1 = Comprimento (2) (mm), L2 = Comprimento (3) (mm)

31.06 Single union ball valves F/F

ABS

Connection: not defined

6 references

D	A	B	H	L	M	S	L1	L2	Weight (g)	Pack	REF.	3D
"½	48	46	70	75	35	10	20	17	70	B 45	04554077020	-
"¾	68	71	105	100	54	18	23	19	212	C 50	04554077025	-
1"	68	71	105	111	54	18	30	23	212	C 50	04554077032	-
1"¼	95	93	141	135	65	21	30.5	27	471	C 20	04554077040	-
1"½	95	93	141	143	65	21	34.5	31	505	C 20	04554077050	-
2"	115	107	164	172	74	23	44	38	830	C 12	04554077063	-

Dimension key: D = Ø exterior do acessório (in), L = Comprimento (mm), L1 = Comprimento (2) (mm), L2 = Comprimento (3) (mm)

31.07 Union ends female

ABS

Solvent weld / fusion

8 references

d	A	D	I	Z	Weight (g)	Pack	REF.	3D
" 1/2	36	28	20	3	9	A 60	04674208020	-
" 3/4	50	36	23	4	18	A 30	04674208025	-
1 "	50	42	30	7	20	A 20	04674208032	-
1 " 1/4	74.5	52	30.5	3.5	41	B 60	04674208040	-
1 " 1/2	74.5	63	34.5	3.5	53	B 40	04674208050	-
2 "	90	77	44	5	100	B 20	04674208063	-
2 " 1/2	124	91	49	5	165	B 12	04674208075	-
3 "	138	111	58	7	270	B 8	04674208090	-

Dimension key: d = Ø exterior do tubo (in), D = Ø exterior do acessório (mm), I = Profundidade de encaixe (mm)

32.05 Check valves F/F

ABS

Connection: not defined

6 references

d	A	I	L	Weight (g)	Pack	REF.	3D
"½	48	84	17	78	B 35	04674291020	-
"¾	68	112	19	200	C 60	04674291025	-
1 "	68	126	23	205	C 48	04674291032	-
1"¼	95	146	27	470	C 18	04674291040	-
1"½	95	157	31	492	C 18	04674291050	-
2"	115	190	38	825	C 10	04674291063	-

Dimension key: d = Ø exterior do tubo (in), I = Profundidade de encaixe (mm), L = Comprimento (mm)

32.06 Spring foot valves female

ABS

Connection: not defined

6 references

d	A	I	L	Weight (g)	Pack	REF.	3D
"½	48	94	17	74	B 35	04664294020	-
"¾	68	132	19	191	C 35	04664294025	-
1 "	68	139	23	193	C 35	04664294032	-
1"¼	95	179	27	447	C 18	04664294040	-
1"½	95	182	31	460	C 18	04664294050	-
2"	115	221	38	760	C 8	04664294063	-

Dimension key: d = Ø exterior do tubo (in), I = Profundidade de encaixe (mm), L = Comprimento (mm)

33.05 Clamp saddles with pin

Material: not defined

Connection: not defined

8 references

d	G	A	L	PN/Bar	Weight (g)	Pack	REF.	3D
32	" 1/2	54	60	10	62	C 100	02152002005	-
32	" 3/4	54	60	10	70	C 100	02152002006	-
40	" 1/2	62	60	10	78	C 100	02152002008	-
40	" 3/4	62	60	10	82	C 100	02152002009	-
40	1 "	62	60	10	90	C 90	02152002010	-
50	" 1/2	72	60	10	93	C 80	02152002011	-
50	" 3/4	72	60	10	97	C 80	02152002012	-
50	1 "	72	60	10	105	C 70	02152002013	-

Dimension key: d = Ø exterior do tubo (mm), G = Rosca (in), L = Comprimento (mm), PN/Bar = Pressão nominal (bar)

33.06 Clamp saddles with pin and reinforce

Material: not defined

Connection: not defined

8 references

d	G	A	L	PN/Bar	Weight (g)	Pack	REF.	3D
32	" 1/2	54	60	10	68	C 100	02152003005	-
32	" 3/4	54	60	10	77	C 100	02152003006	-
40	" 1/2	62	60	10	84	C 100	02152003008	-
40	" 3/4	62	60	10	90	C 100	02152003009	-
40	1 "	62	60	10	98	C 90	02152003010	-
50	" 1/2	72	60	10	100	C 80	02152003011	-
50	" 3/4	72	60	10	105	C 80	02152003012	-
50	1 "	72	60	10	113	C 70	02152003013	-

Dimension key: d = Ø exterior do tubo (mm), G = Rosca (in), L = Comprimento (mm), PN/Bar = Pressão nominal (bar)

33.07 «O» ring gaskets

Material: not defined

Connection: not defined

2 references

D	d	I	Weight (g)	Pack	REF.	3D
-	-	-	-	-	40908093008	-
35,23	28,17	3,53	-	-	40908093014	-

Dimension key: D = Ø exterior do acessório (mm), d = Ø exterior do tubo (mm), I = Profundidade de encaixe (mm)

34.05 Butterfly valve

PVC-U

Connection: not defined

7 references

7 with CAD file

d	DN	A	B	C	D	E	F	G	H	I	J	S	Weight (g)	Pack	REF.	3D
63/2"	50	196	52	118	120	125	19	42	283	100	13	11	1120	M 1	01781331063	sim
75/2" ¹ / ₂	65	208	52	124	145	140	19	42	283	100	13	11	1235	M 1	01781331075	sim
90/3"	80	218	54	130	160	150	19	42	283	100	13	11	1350	M 1	01781331090	sim
110/4"	100	267	66	155	190	175	21	42	283	100	16	14	2050	F 1	01781331110	sim
140/125 5"	125	293	74	168	220	210	22	42	283	100	16	14	2600	F 1	01781331140	sim
160/6"	150	335	82	182	244	232	23	42	353	100	19	17	4100	F 1	01781331160	sim
225/200 8"	200	378	84	201	296	290	25	57	488	100	33	17	6400	G 1	01781331225	sim

Dimension key: d = Ø exterior do tubo (in), DN = Diâmetro nominal (mm), D = Ø exterior do acessório (mm), G = Rosca (mm), I = Profundidade de encaixe (mm)

34.06 Butterfly valve without actuator

PVC-U

Connection: not defined

7 references

d	DN	A	B	C	D	E	F	G	H	S	T	U	Weight (g)	Pack	REF.	3D
63/2"	50	196	52	118	120	125	19	100	11	11	70	9	730	M 1	01781330063	-
75/2" ¹ / ₂	65	208	52	124	145	140	19	100	11	11	70	9	840	M 1	01781330075	-
90/3"	80	218	54	130	160	150	19	100	11	11	70	9	950	M 1	01781330090	-
110/4"	100	267	66	155	190	175	21	100	14	14	70	9	1650	F 1	01781330110	-
140/125 5"	125	293	74	168	220	210	22	100	14	14	70	9	2200	F 1	01781330140	-
160/6"	150	335	82	182	244	232	23	100	17	17	70	9	3400	F 1	01781330160	-
225/200 8"	200	362	84	201	296	290	25	100	31	17	70	9	4940	G 1	01781330225	-

Dimension key: d = Ø exterior do tubo (in), DN = Diâmetro nominal (mm), D = Ø exterior do acessório (mm), G = Rosca (mm)

34.08 Butterfly valve kit

PVC-U

Connection: not defined

10 references

d	B	K	P	Q	Weight (g)	Pack	REF.	3D
63	32-67	125	M16x140	4	1980	B 2	01781332063	-
75	22 - 61	145-140	M16x140	4	2210	B 2	01781332075	-
90	23 - 58	160-152	M16x140	8	3620	B 2	01781332090	-
110	25 - 61	180	M16x150	8	4210	B 1	01781332110	-
140/125	36 - 69	210	M16x170	8	5360	C 2	01781332141	-
140	36 - 69	210	M16x170	8	5420	C 2	01781332140	-
160	59 - 91	240	M20x200	8	9550	C 2	01781332160	-
200	45 - 100	286	M20x220	8	11800	C 1	01781332200	-

d	B	K	P	Q	Weight (g)	Pack	REF.	3D
200/225	45 - 100	295	M20x220	8	11800	C 1	01781332201	-
225	50 - 101	295	M20x240	8	11620	E 1	01781332225	-

Dimension key: d = Ø exterior do tubo (mm)

34.05a Butterfly valve

PVC-U	Connection: not defined	7 references	7 with CAD file
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d	DN	A	B	C	D	E	F	G	H	I	J	S	Weight (g)	Pack	REF.	3D
63/2"	50	196	52	118	120	125	19	42	283	100	13	11	1120	M 1	71781331063	sim
75/2"½	65	208	52	124	145	140	19	42	283	100	13	11	1235	M 1	71781331075	sim
90/3"	80	218	54	130	160	150	19	42	283	100	13	11	1350	M 1	71781331090	sim
110/4"	100	267	66	155	190	175	21	42	283	100	16	14	2050	F 1	71781331110	sim
140/125 5"	125	293	74	168	220	210	22	42	283	100	16	14	2600	F 1	71781331140	sim
160/6"	150	335	82	182	244	232	23	42	353	100	19	17	4100	F 1	71781331160	sim
225/200 8"	200	378	84	201	296	290	25	57	488	100	33	17	6400	G 1	71781331225	sim

Dimension key: d = Ø exterior do tubo (in), DN = Diâmetro nominal (mm), D = Ø exterior do acessório (mm), G = Rosca (mm), I = Profundidade de encaixe (mm)

36.05 Compact valve - PP

Material: not defined

Connection: not defined

8 references

6 with CAD file

G	DN	A	B	C	L	L1	Z	M	S	Weight (g)	Pack	REF.	3D
"1/2	15	38	46	16	62	15	32	35	27	47	B 45	02692400012	sim
"3/4	25	53	71	25	85	17	51	54	37	141	C 75	02692400034	sim
1"	25	53	71	25	93	22	49	54	44	152	C 50	02692400100	sim
1"1/4	40	81	93	30	114	23	68	65	53	375	C 20	02692400114	sim
1"1/2	40	81	93	30	123	27	69	65	60	400	C 20	02692400150	sim
2"	50	97	107	31	143	29	85	74	74	600	C 20	02692400200	sim
2"1/2	65	132	122	33	190	36	118	100	93	1340	C 4	02692401250	-
3"	80	151	148	41	206	36	134	123	107	1940	C 3	02692401300	-

Dimension key: G = Rosca (in), DN = Diâmetro nominal (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm)

36.05a Compact valve - PP NPT

Material: not defined

Connection: not defined

8 references

G	DN	A	B	C	L	L1	Z	M	S	Weight (g)	Pack	REF.	3D
"1/2	15	38	46	16	62	15	32	35	27	47	B 45	02562400012	-
"3/4	25	53	71	25	85	17	51	54	37	141	C 75	02562400034	-
1"	25	53	71	25	93	22	49	54	44	152	C 50	02562400100	-
1"1/4	40	81	93	30	114	23	68	65	53	375	C 20	02562400114	-
1"1/2	40	81	93	30	123	27	69	65	60	400	C 20	02562400150	-
2"	50	97	107	31	143	29	85	74	74	600	C 20	02562400200	-
2"1/2	65	132	122	33	190	36	118	100	93	1340	C 4	02562401250	-
3"	80	151	148	41	206	36	134	123	107	1940	C 3	02562401300	-

Dimension key: G = Rosca (in), DN = Diâmetro nominal (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm)

37.05 NPT - Tapped valves

PVC-U

Threaded

8 references

G	DN	A	B	H	L	M	S	Z	L1	L2	Weight (g)	Pack	REF.	3D
"1/2	15	48	46	70	84	35	10	44	20	15	130	B 40	01671077012	-
"3/4	20	68	71	105	112	54	18	66	23	16	354	C 40	01671077034	-
1"	25	68	71	105	126	54	18	66	30	19	360	C 40	01671077100	-
1"1/4	32	95	93	141	149	65	21	88	30.5	21	817	C 16	01671077114	-
1"1/2	40	95	93	141	157	65	21	88	34.5	22	854	C 16	01671077150	-
2"	50	115	107	164	190	74	23	102	44	26	1433	C 10	01671077200	-
2"1/2	65	151	122	197	214	100	25	116	49	31	2530	C 4	01671077250	-
3"	80	185	148	240	249	123	30	130	59	35	3860	C 3	01671077300	-

Dimension key: G = Rosca (in), DN = Diâmetro nominal (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm), L2 = Comprimento (3) (mm)

37.06 NPT - Tapped valves (Teflon-EPDM)

PVC-U

Threaded

8 references

G	DN	A	B	H	L	M	S	Z	L1	L2	Weight (g)	Pack	REF.	3D
"1/2	15	48	46	70	84	35	10	44	20	15	130	B 40	01671299012	-
"3/4	20	68	71	105	112	54	18	66	23	16	354	C 40	01671299034	-
1"	25	68	71	105	126	54	18	66	30	19	360	C 40	01671299100	-
1"1/4	32	95	93	141	149	65	21	88	30.5	21	817	C 16	01671299114	-
1"1/2	40	95	93	141	157	65	21	88	34.5	22	854	C 16	01671299150	-
2"	50	115	107	164	190	74	23	102	44	26	1433	C 10	01671299200	-
2"1/2	65	151	122	197	214	100	25	116	49	31	2530	C 4	01671299250	-
3"	80	185	148	240	249	123	30	130	59	35	3860	C 3	01671299300	-

Dimension key: G = Rosca (in), DN = Diâmetro nominal (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm), L2 = Comprimento (3) (mm)

37.07 NPT - Tapped valves (Teflon-VITON)

PVC-U

Threaded

8 references

G	DN	A	B	H	L	M	S	Z	L1	L2	Weight (g)	Pack	REF.	3D
"1/2	15	48	46	70	84	35	10	44	20	15	130	B 40	01671296012	-
"3/4	20	68	71	105	112	54	18	66	23	16	354	C 40	01671296034	-
1"	25	68	71	105	126	54	18	66	30	19	360	C 40	01671296100	-
1"1/4	32	95	93	141	149	65	21	88	30.5	21	817	C 16	01671296114	-
1"1/2	40	95	93	141	157	65	21	88	34.5	22	854	C 16	01671296150	-
2"	50	115	107	164	190	74	23	102	44	26	1433	C 10	01671296200	-
2"1/2	65	151	122	197	214	100	25	116	49	31	2530	C 4	01671296250	-
3"	80	185	148	249	259	123	30	130	59	35	3860	C 3	01671296300	-

Dimension key: G = Rosca (in), DN = Diâmetro nominal (mm), L = Comprimento (mm), L1 = Comprimento (2) (mm), L2 = Comprimento (3) (mm)

37.08 NPT - Union ends female

PVC-U

Threaded

8 references

G	I	A	D	Z	Weight (g)	Pack	REF.	3D
"½	20	36	28	5	11	A 60	01611209012	-
"¾	23	50	36	7	25	A 30	01611209034	-
1"	30	50	42	11	28	A 20	01611209100	-
1"¼	30.5	74.5	52	9.5	58	B 60	01611209114	-
1"½	34.5	74.5	63	12.5	76	B 40	01611209150	-
2"	44	90	77	18	134	B 20	01611209200	-
2"½	49	124	91	18	235	B 12	01611209250	-
3"	58	138	111	24	392	B 8	01611209300	-

Dimension key: G = Rosca (in), I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

37.09 NPT - Male union ends

PVC-U

Threaded

6 references

2 with CAD file

G	I	A	S	Z	Weight (g)	Pack	REF.	3D
" 1/2	36	36	22	21	14	A 50	01611206012	sim
" 3/4	41.5	50	36	25	34	A 25	01611206034	sim
1"	45	50	36	26	37	A 15	01611226100	-
1"¼	48	74.5	50	29	77	B 45	01611226114	-
1"½	51	74.5	50	30	80	B 30	01611226150	-
2"	61	90	65	35	147	B 15	01611226200	-

Dimension key: G = Rosca (in), I = Profundidade de encaixe (mm)

38.05 NPT - Check valves F/F

PVC-U

Threaded

8 references

G	A	I	L	Weight (g)	Pack	REF.	3D
"½	48	84	15	104	B 35	01671291012	-
"¾	68	112	16	270	C 60	01671291034	-
1"	68	126	19	277	C 48	01671291100	-
1"¼	95	149	21	618	C 18	01671291114	-
1"½	95	157	22	658	C 18	01671291150	-
2"	115	190	26	1138	C 10	01671291200	-
2"½	151	216	44	2150	C 4	01671291250	-
3"	185	249	51	3334	C 3	01671291300	-

Dimension key: G = Rosca (in), I = Profundidade de encaixe (mm), L = Comprimento (mm)

38.06 NPT - Union ends female

PVC-U

Threaded

8 references

G	I	A	D	Z	Weight (g)	Pack	REF.	3D
"½	20	36	28	5	11	A 60	01611209012	-
"¾	23	50	36	7	25	A 30	01611209034	-
1"	30	50	42	11	28	A 20	01611209100	-
1"¼	30.5	74.5	52	9.5	58	B 60	01611209114	-
1"½	34.5	74.5	63	12.5	76	B 40	01611209150	-
2"	44	90	77	18	134	B 20	01611209200	-
2"½	49	124	91	18	235	B 12	01611209250	-
3"	58	138	111	24	392	B 8	01611209300	-

Dimension key: G = Rosca (in), I = Profundidade de encaixe (mm), D = Ø exterior do acessório (mm)

38.07 NPT - Male union ends

PVC-U

Threaded

6 references

2 with CAD file

G	I	A	S	Z	Weight (g)	Pack	REF.	3D
" 1/2	36	36	22	21	14	A 50	01611206012	sim
" 3/4	41.5	50	36	25	34	A 25	01611206034	sim
1"	45	50	36	26	37	A 15	01611226100	-
1"¼	48	74.5	50	29	77	B 45	01611226114	-
1"½	51	74.5	50	30	80	B 30	01611226150	-
2"	61	90	65	35	147	B 15	01611226200	-

Dimension key: G = Rosca (in), I = Profundidade de encaixe (mm)