

2016 Parts Catalog

North America





aquatechnik®

Professional **PP-R Fusion Pipe** Solutions for Fluid Handling Systems since 1985

aquatechnik North America

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Symbol	Legend
Part Number	item part number
ft	feet
OD	external diameter
ID	internal diameter
thickness	wall thickness
Alum.	aluminum thickness
	pieces/package
	pieces/box
M	male thread
F	female thread
sm	safety male thread
sf	safety female thread
*	condition of the safety system
△	condition of the Fusion-Tech system

Fusion-Tech Pipe

PP-R pipe and fittings for polyfusion welding

Range

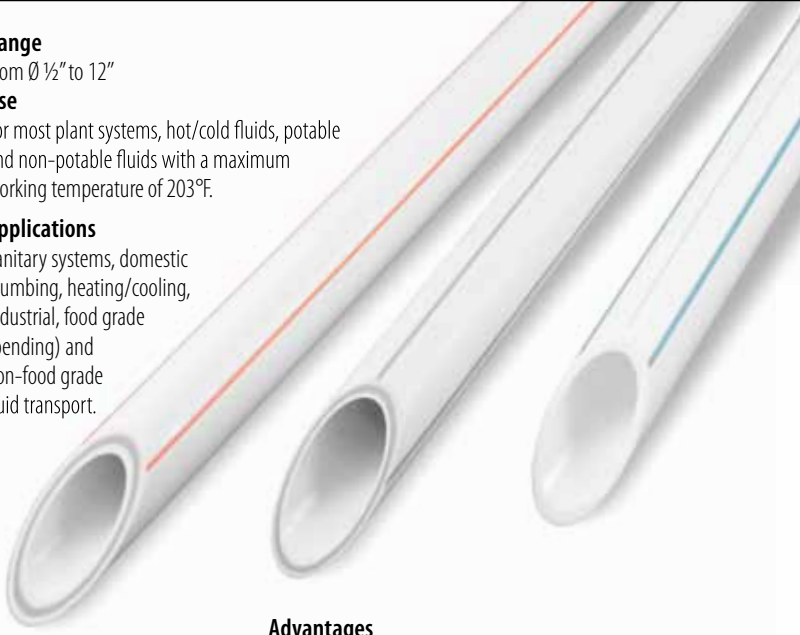
From Ø ½" to 12"

Use

For most plant systems, hot/cold fluids, potable and non-potable fluids with a maximum working temperature of 203°F.

Applications

Sanitary systems, domestic plumbing, heating/cooling, industrial, food grade (pending) and non-food grade fluid transport.



Advantages

- Leader in high flow rate and low pressure drop.
- Resistant to lime, cement, plaster and electro-chemical reaction.
- Completely compatible with warm and cold fluids.
- Economical quick-and-easy installation.

The **Fusion-Tech Pipe** family includes the new **faser FIBER-T** and **faser FIBER-COND** pipes with special re-enforced fibers in the middle layer.

The **faser FIBER-T** is ideal for heating, air conditioning, domestic hot water, warm water transport, irrigation and compressed air systems.

The **faser FIBER-COND** is designed for heating, chilled water and other mechanical systems.



Like all the pipes in the system, the **FIBER-T** and the **FIBER-COND** can be polyfused with the Fusion-Tech fittings. All PP-R fittings with brass are lead-free.



FUSION-TECH PIPE FIELDS OF APPLICATION

	PLUMBING SYSTEMS faser FIBER-T Red-Striped Pipe	MECHANICAL SYSTEMS faser FIBER-COND Grey-Striped Pipe	RAIN WATER COLLECTION Violet Pipe (not shown)
HEATING SYSTEMS	Yes	Yes	No
CHILLED WATER SYSTEMS	Yes	Yes	No
MARINE APPLICATIONS	Yes	Yes	Yes
RAINWATER COLLECTION	No	No	Yes
COMPRESSED AIR SYSTEMS	Yes	Yes	No
IN-FLOOR HEATING	Yes	Yes	No
CHEMICAL APPLICATION	Consult Factory	Consult Factory	No
POTABLE WATER*	Yes	No	No
FOOD GRADE	Pending	No	No
FIRE PROTECTION	Pending	Pending	No
UNDERGROUND APPLICATIONS	Yes	Yes	No
IRRIGATION	No	No	Yes

Notes: * Blue-Striped Pipe is used for potable cold water only.

For all other applications, please consult your **aquatechnik**® PP-RCT fusion pipe distributor.

aquatechnik® Fusion-tech pipe and fittings are certified to NSF/ANSI Standards 14, 51, 61 and 372.

PIPES AND FITTINGS IN PP-R



Description

FUSION-TECH BLUE STRIPED PIPE, PP-RCT for cold water, white color with blue stripes, stick length 13ft up to Ø 4"; 19 ft from Ø 6" up to 8"

Part #	ft. per package	nr. sticks	SDR	OD		thick.		ID	
				inches	mm	inches	mm	inches	mm
61208U	328	25	11	½	20	0.07	1.9	0.64	16.2
61210U	328	25	11	¾	25	0.09	2.3	0.80	20.4
61212U	131	10	11	1	32	0.11	2.9	1.03	26.2
61214U	131	10	11	1¼	40	0.15	3.7	1.28	32.6
61216U	65	5	11	1½	50	0.18	4.6	1.61	40.8
61218U	65	5	11	2	63	0.23	5.8	2.02	51.4
61220U	65	5	11	2½	75	0.27	6.8	2.42	61.4
61222U	39	3	11	3	90	0.32	8.2	2.90	73.6
61224U	26	2	11	3½	110	0.39	10.0	3.54	90.0
61226U	13	1	11	4	125	0.45	11.4	4.02	102.2
61228U	19	1	11	6	160	0.57	14.6	5.15	130.8
61230U	19	1	11	8	200	0.72	18.2	6.44	163.6



Description

FUSION-TECH *faser* FIBER-T RED STRIPED PIPE, PP-RCT/PP-R F/PP-R, multilayer pipe with special fibers, white color with red stripes, for potable hot and cold water, stick length 13 ft up to Ø 4"; 19ft from Ø 6" up to 12"

Part #	ft. per package	nr. sticks	SDR	OD		thick.		ID	
				inches	mm	inches	mm	inches	mm
61358U	328	25	7.4	½	20	0.11	2.8	0.57	14.4
61360U	328	25	7.4	¾	25	0.14	3.5	0.71	18.0
61362U	131	10	7.4	1	32	0.17	4.4	0.91	23.2
61364U	131	10	7.4	1¼	40	0.22	5.5	1.14	29.0
61366U	65	5	7.4	1½	50	0.27	6.9	1.43	36.2
61368U	65	5	7.4	2	63	0.34	8.6	1.80	45.8
61370U	65	5	7.4	2½	75	0.41	10.3	2.14	54.4
61372U	39	3	7.4	3	90	0.48	12.3	2.57	65.4
61374U	26	2	7.4	3½	110	0.59	15.1	3.14	79.8
61376U	13	1	7.4	4	125	0.67	17.1	3.57	90.8
61378U	19	1	11	6	160	0.57	14.6	5.15	130.8
61380U	19	1	11	8	200	0.72	18.2	6.44	163.6
61382U	19	1	11	10	250	0.89	22.7	8.06	204.6
61384U	19	1	11	12	315	1.13	28.7	10.15	257.8



Description

FUSION-TECH *faser* FIBER-COND GREY STRIPED PIPE, PP-RCT/PP-R F/PP-R, multi-layer pipe with special fibers, white color with grey stripes, not potable hot and cold water, stick length 13 ft up to Ø 4"; 19 ft from Ø 6" up to 12"

Part #	ft. per package	nr. sticks	SDR	OD		thick.		ID	
				inches	mm	inches	mm	inches	mm
61462U	131	10	11	1	32	0.11	2.9	1.03	26.2
61464U	131	10	11	1¼	40	0.15	3.7	1.28	32.6
61466U	65	5	11	1½	50	0.18	4.6	1.61	40.8
61468U	65	5	11	2	63	0.23	5.8	2.02	51.4
61470U	65	5	11	2½	75	0.27	6.8	2.42	61.4
61472U	39	3	11	3	90	0.32	8.2	2.90	73.6
61474U	26	2	11	3½	110	0.39	10.0	3.54	90.0
61476U	13	1	11	4	125	0.45	11.4	4.02	102.2
61478U	19	1	11	6	160	0.57	14.6	5.15	130.8
61480U	19	1	11	8	200	0.72	18.2	6.44	163.6
61482U	19	1	11	10	250	0.89	22.7	8.06	204.6
61484U	19	1	11	12	315	1.13	28.7	10.15	257.8

Description

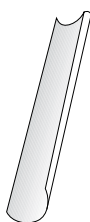


FUSION-TECH VIOLET PIPE, for recycling reclaimed and rainwater, violet, stick length 13 ft

Part #	ft. per package	nr. sticks	SDR	OD		thick.		ID	
				inches	mm	inches	mm	inches	mm
61608	328	25	11	½	20	0.07	1,9	0.64	16,2
61610	328	25	11	¾	25	0.09	2,3	0.80	20,4
61612	131	10	11	1	32	0.11	2,9	1.03	26,2
61614	131	10	11	1¼	40	0.15	3,7	1.28	32,6
61616	65	5	11	1½	50	0.18	4,6	1.61	40,8
61618	65	5	11	2	63	0.23	5,8	2.02	51,4
61620	65	5	11	2½	75	0.27	6,8	2.42	61,4
61622	39	3	11	3	90	0.32	8,2	2.90	73,6
61624	26	2	11	3½	110	0.39	10,0	3.54	90,0
61626	13	1	11	4	125	0.45	11,4	4.02	102,2
61628	13	1	11	6	160	0.57	14,6	5.15	130,8
61630	13	1	11	8	200	0.72	18,2	6.44	163,6
61632	13	1	11	10	250	0.89	22,7	8.06	204,6

*For larger diameter pipes please consult your local representative

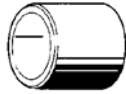
Description



SHELL, zinc-plated steel shell for supporting pipes, 13 ft length, tolerance: +/-1,3%

Part #	ft per package	dimensions	
		inches	mm
61508	13	½	20
61510	13	¾	25
61512	13	1	32
61514	13	1¼	40
61516	13	1½	50
61518	13	2	63
61620	13	2½	75
61522	13	3	90
61524	13	3½	110

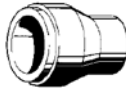
Description



PIPE COUPLING, for socket fusion

Part #	📄	📦	SDR	dimensions	
				inches	mm
62008U	10	400	5	½	20
62010U	10	300	5	¾	25
62012U	5	150	5	1	32
62014U	5	250	5	1¼	40
62016U	5	150	5	1½	50
62018U	1	50	5	2	63
62020U	1	60	5	2½	75
62022U	1	42	5	3	90
62024U	1	24	5	3½	110
62026U	1	12	5	4	125

Description



REDUCER, from Ø ½" to 4" for socket fusion, from Ø 6" to 12" for butt fusion

Part #	📄	📦	SDR	dimensions	
				inches	mm
62112U	10	400	5	¾ - ½	25 - 20
62114U	10	300	5	1 - ½	32 - 20
62116U	10	300	5	1 - ¾	32 - 25
62118U	5	500	5	1¼ - ½	40 - 20
62120U	5	400	5	1¼ - ¾	40 - 25
62122U	5	300	5	1¼ - 1	40 - 32
62124U	5	300	5	1½ - ½	50 - 20
62126U	5	300	5	1½ - ¾	50 - 25
62128U	5	300	5	1½ - 1	50 - 32
62130U	5	200	5	1½ - 1¼	50 - 40
62132U	1	150	5	2 - ¾	63 - 25
62134U	1	100	5	2 - 1	63 - 32
62136U	1	100	5	2 - 1¼	63 - 40
62138U	1	100	5	2 - 1½	63 - 50
62139U	1	100	5	2½ - 1¼	75 - 40
62140U	1	80	5	2½ - 1½	75 - 50
62142U	1	80	5	2½ - 2	75 - 63
62144U	1	50	5	3 - 1½	90 - 50
62152U	1	50	5	3 - 2	90 - 63
62153U	1	50	5	3 - 2½	90 - 75
62155U	1	30	5	3½ - 2	110 - 63
62157U	1	30	5	3½ - 2½	110 - 75
62159U	1	30	5	3½ - 3	110 - 90
62168U	1	30	5	4 - 2½	125 - 75
62170U	1	30	5	4 - 3	125 - 90
62172U	1	24	5	4 - 3½	125 - 110
62173U	1	8	11	6 - 3	160 - 90
62174U	1	8	11	6 - 3½	160 - 110
62176U	1	4	11	6 - 4	160 - 125
62182U	1	1	11	8 - 6	200 - 160
62184U	1	1	11	10 - 6	250 - 160
62186U	1	1	11	10 - 8	250 - 200

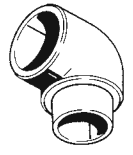
Description



ELBOW 90°, from Ø ½" to 4" for socket fusion, from Ø 6" to 12" for butt fusion

Part #	□	☐	SDR	dimensions	
				inches	mm
63108U	10	350	5	½	20
63110U	10	250	5	¾	25
63112U	5	100	5	1	32
63114U	5	150	5	1¼	40
63116U	5	80	5	1½	50
63118U	1	40	5	2	63
63120U	1	30	5	2½	75
63122U	1	18	5	3	90
63124U	1	10	5	3½	110
63126U	1	5	5	4	125
63128U	1	3	11	6	160
63130U	1	1	11	8	200
63132U	1	1	11	10	250

Description



ELBOW MALE/FEMALE 90°, for socket fusion directly to PP-R fitting

Part #	□	☐	SDR	dimensions	
				inches	mm
63308U	10	350	5	½	20
63310U	10	250	5	¾	25
63312U	5	100	5	1	32
63314U	5	150	5	1¼	40

Description



ELBOW 45°, from Ø ½" to 4" for socket fusion, from Ø 6" to 12" for butt fusion

Part #	□	☐	SDR	dimensions	
				inches	mm
63508U	10	400	5	½	20
63510U	10	250	5	¾	25
63512U	5	150	5	1	32
63514U	5	150	5	1¼	40
63516U	5	80	5	1½	50
63518U	1	50	5	2	63
63520U	1	36	5	2½	75
63522U	1	18	5	3	90
63524U	1	10	5	3½	110
63526U	1	5	5	4	125
63528U	1	3	11	6	160
63530U	1	1	11	8	200
63532U	1	1	11	10	250

Description



ELBOW MALE/FEMALE 45°, for socket fusion directly to PP-R fitting

Part #	□	☐	SDR	dimensions	
				inches	mm
63708U	10	400	5	½	20
63710U	10	300	5	¾	25
63712U	5	150	5	1	32

Description



TEE, from Ø ½" to 4" for socket fusion, from Ø 6" to 12" for butt fusion

Part #	Sheet	Box	SDR	dimensions	
				inches	mm
64108U	10	250	5	½	20
64110U	10	150	5	¾	25
64112U	5	80	5	1	32
64114U	5	100	5	1¼	40
64116U	5	50	5	1½	50
64118U	1	30	5	2	63
64120U	1	25	5	2½	75
64122U	1	16	5	3	90
64124U	1	10	5	3½	110
64126U	1	5	5	4	125
64128U	1	2	11	6	160
64130U	1	1	11	8	200
64132U	1	1	11	10	250

Description



REDUCING TEE, from Ø ½" to 4" for socket fusion, from Ø 6" to 12" for butt fusion

Part #	Sheet	Box	SDR	dimensions	
				inches	mm
64220U	10	150	5	¾ - ½ - ½	25 - 20 - 20
64222U	10	150	5	¾ - ¾ - ½	25 - 25 - 20
64232U	5	100	5	1 - ¾ - ¾	32 - 25 - 25
64234U	5	100	5	1 - 1 - ½	32 - 32 - 20
64240U	5	100	5	1 - 1 - ¾	32 - 32 - 25
64242U	5	120	5	1¼ - 1¼ - ½	40 - 40 - 20
64244U	5	120	5	1¼ - 1¼ - ¾	40 - 40 - 25
64245U	5	100	5	1¼ - 1 - 1	40 - 32 - 32
64246U	5	100	5	1¼ - 1¼ - 1	40 - 40 - 32
64247U	5	60	5	1½ - 1½ - ½	50 - 50 - 20
64248U	5	60	5	1½ - 1½ - ¾	50 - 50 - 25
64250U	5	60	5	1½ - 1½ - 1	50 - 50 - 32
64251U	5	60	5	1½ - 1½ - 1¼	50 - 50 - 40
64252U	1	35	5	2 - 2 - ½	63 - 63 - 20
64254U	1	35	5	2 - 2 - ¾	63 - 63 - 25
64256U	1	35	5	2 - 2 - 1	63 - 63 - 32
64258U	1	35	5	2 - 2 - 1¼	63 - 63 - 40
64260U	1	30	5	2 - 2 - 1½	63 - 63 - 50
64261U	1	25	5	2½ - 2½ - ½	75 - 75 - 20
64262U	1	25	5	2½ - 2½ - ¾	75 - 75 - 25
64264U	1	25	5	2½ - 2½ - 1	75 - 75 - 32
64266U	1	25	5	2½ - 2½ - 1¼	75 - 75 - 40
64268U	1	25	5	2½ - 2½ - 1½	75 - 75 - 50
64270U	1	16	5	2½ - 2½ - 2	75 - 75 - 63
64280U	1	16	5	3 - 3 - 1½	90 - 90 - 50
64282U	1	16	5	3 - 3 - 2	90 - 90 - 63
64284U	1	16	5	3 - 3 - 2½	90 - 90 - 75
64286U	1	10	5	3½ - 3½ - 2	110 - 110 - 63
64288U	1	10	5	3½ - 3½ - 2½	110 - 110 - 75
64290U	1	10	5	3½ - 3½ - 3	110 - 110 - 90
64294U	1	5	5	4 - 4 - 3	125 - 125 - 90
64296U	1	5	5	4 - 4 - 3½	125 - 125 - 110
64298U	1	2	11	6 - 6 - 3	160 - 160 - 90
64299U	1	2	11	6 - 6 - 3½	160 - 160 - 110
64300U	1	1	11	6 - 6 - 4	160 - 160 - 125
64302U	1	1	11	8 - 8 - 6	200 - 200 - 160
64306U	1	1	11	10 - 10 - 6	250 - 250 - 160
64307U	1	1	11	10 - 10 - 8	250 - 250 - 200

Description



SADDLE JOINT, for outlet socket fusion

Part #	📄	SDR	output Ø		for pipe		
			inches	mm	inches	mm	
650480U	10	5	¾	25	1 ½	50	
650500U	10	5	¾	25	2	63	
650502U	5	5	1	32	2 ½	75	
650540U	5	5	1 ¼	40	2 ½	75	
650560U	5	5	1	32	3	90	
650580U	5	5	1 ¼	40	3	90	
650600U	5	5	1 ¼	40	3 ½	110	
650620U	5	5	1 ½	50	3 ½	110	
650640U	5	5	1 ½	50	4	125	
650660U	1	5	2	63	4	125	
650680U	5	5	1 ½	50	6	160	
650700U	1	5	2	63	6	160	
650720U	1	5	2 ½	75	6	160	
650740U	1	5	3	90	6	160	
650760U	5	5	1 ½	50	8	200	
650780U	1	5	2	63	8	200	
650800U	1	5	2 ½	75	8	200	
650820U	1	5	3	90	8	200	
650840U	1	5	3 ½	110	8	200	
650860U	1	5	4	125	8	200	
650880U	5	5	1 ½	50	10	315	
650900U	1	5	2	63	10	315	
650920U	1	5	2 ½	75	10	315	
650940U	1	5	3	90	10	315	
650960U	1	5	3 ½	110	10	315	
650980U	1	5	4	125	10	315	

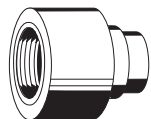
Description



DIRECT JOINT, for outlet socket fusion

Part #	📄	📦	SDR	output Ø		for pipe		miller
				inches	mm	inches	mm	
65132U	10	1000	5	½	20	1 ½ ~ 10	50 ~ 250	50346
65134U	10	500	5	¾	25	2 ~ 10	63 ~ 250	50348
65136U	5	400	5	1	32	2 ½ ~ 10	75 ~ 250	50352
65138U	1	200	5	1 ¼	40	2 ½ ~ 10	75 ~ 250	50354

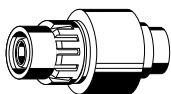
Description



DIRECT THREADED FEMALE JOINT, for outlet socket fusion

Part #	📄	📦	SDR	output Ø		for pipe		miller
				inches	mm	inches	mm	
65152U	5	200	5	½	20	1 ½ ~ 10	50 ~ 250	50346
65154U	5	150	5	¾	25	2 ~ 10	63 ~ 250	50348

Description



FUSION-TECH DIRECT JOINT WITH SAFETY-POL CONNECTION, lead-free, for outlet socket fusion

Part #	📄	📦	SDR	output Ø		for pipe		miller
				inches	mm	inches	mm	
65170U	5	150	5	½	sm16	1 ½ ~ 10	50 ~ 250	50346
65172U	5		5	¾	sm20	1 ½ ~ 10	50 ~ 250	50346
65174U	5		5	¾	sm26	2 ~ 10	63 ~ 250	50348

Description



CROSS, for socket fusion

Part #	[Sheet Icon]	[Box Icon]	SDR	dimensions	
				inches	mm
64308U	10	400	5	½	20
64310U	10	300	5	¾	25
64312U	5	150	5	1	32
64314U	1	80	5	1¼	40

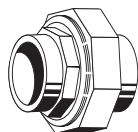
Description



END CAP, from Ø ½" to 4" for socket fusion, from Ø 6" to 12" for butt fusion

Part #	[Sheet Icon]	[Box Icon]	SDR	dimensions	
				inches	mm
65008U	10	500	5	½	20
65010U	10	450	5	¾	25
65012U	5	250	5	1	32
65014U	5	350	5	1¼	40
65016U	5	200	5	1½	50
65018U	1	80	5	2	63
65020U	1	80	5	2½	75
65022U	1	50	5	3	90
65024U	1	24	5	3½	110
65026U	1	12	5	4	125
65028U	1	5	11	6	160
65030U	1	2	11	8	200
65032U	1	1	11	10	250

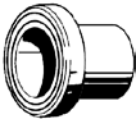
Description



PIPE UNION, For socket fusion

Part #	[Sheet Icon]	[Box Icon]	SDR	dimensions	
				inches	mm
69280	5	100	11	½	20 - 20
69282	5	50	11	¾	25 - 25
69284	5	30	11	1	32 - 32
69286	5	20	11	1¼	40 - 40
69288	1	10	11	1½	50 - 50
69290	1	8	11	2	63 - 63

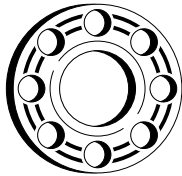
Description



FLANGE COLLAR, from Ø ½" to 4" for socket fusion, from Ø 6" to 12" for butt fusion

Part #	📄	📦	SDR	dimensions		collar OD	
				inches	mm	inches	mm
65208U	10	1000	11	½	20	1.02	26
65210U	10	400	11	¾	25	1.30	33
65212U	10	300	11	1	32	1.57	40
65214U	5	200	11	1¼	40	1.93	49
65216U	5	100	11	1½	50	2.28	58
65218U	1	50	11	2	63	2.87	73
65220U	1	40	11	2½	75	3.50	89
65222U	1	25	11	3	90	4.25	108
65224U	1	16	11	3½	110	5.12	130
65226U	1	25	11	4	125	5.79	147
65228U	1	4	11	6	160	8.35	212
65230U	1	4	11	8	200	10.55	268
65232U	1	1	11	10	250		

Description



FLANGES, with ANSI bolt pattern, for collars

Part #	📄	📦	for collar		ID		OD		no. holes
			inches	mm	inches	mm	inches	mm	
65266U	10	1000	½	20	0.07	28	3.74	95	4
65268U	10	400	¾	25	0.09	34	4.13	105	4
65270U	10	300	1	32	0.11	42	4.53	115	4
65272U	5	200	1¼	40	0.15	51	5.51	140	4
65274U	5	100	1½	50	0.18	62	5.91	150	4
65276U	1	50	2	63	0.23	78	6.50	165	4
65278U	1	40	2½	75	0.27	92	7.28	185	4
65280U	1	25	3	90	0.32	108	7.87	200	8
65282U	1	16	3½	110	0.39	128	8.66	220	8
65284U	1	25	4	125	0.45	135	9.84	250	8
65286U	1	4	6	160	0.57	178	11.22	285	8
65290U	1	4	8	200	0.72	235	13.39	340	8
65292U	1	1	10	250	0.89	290	15.55	395	12

Description



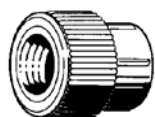
SWAN NECK *faser* FIBER-T RED STRIPED PIPE, for socket fusion

Part #	📄	📦	SDR	dimensions	
				inches	mm
65414U	10	250	7,4	½	20
65416U	10	70	7,4	¾	25
65418U	5	40	7,4	1	32

SWAN NECK *faser* FIBER-COND GREY STRIPED PIPE, for socket fusion

Part #	📄	📦	SDR	dimensions	
				inches	mm
65424U	5	40	11		1

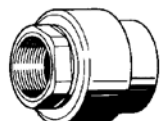
Description



THREADED FEMALE JOINT, lead-free, for socket fusion to PP-R pipe, with

Part #	□	☐	SDR	dimensions	
				inches	mm
66008U	10	200	5	F $\frac{1}{2}$ - $\frac{1}{2}$	F $\frac{1}{2}$ - 20
66010U	10	200	5	F $\frac{1}{2}$ - $\frac{3}{4}$	F $\frac{1}{2}$ - 25
66010U	10	200	5	F $\frac{3}{4}$ - $\frac{3}{4}$	F $\frac{3}{4}$ - 25
66011U	10	200	5	F $\frac{3}{4}$ - $\frac{1}{2}$	F $\frac{3}{4}$ - 20
66013U	5	150	5	F $\frac{3}{4}$ - 1	F $\frac{3}{4}$ - 32

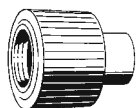
Description



THREADED FEMALE JOINT, lead-free, for socket fusion to PP-R pipe, with

Part #	□	☐	SDR	dimensions	
				inches	mm
66108U	10	200	5	F $\frac{1}{2}$ - $\frac{1}{2}$	F $\frac{1}{2}$ - 20
66109U	10	150	5	F $\frac{3}{4}$ - $\frac{1}{2}$	F $\frac{3}{4}$ - 20
66110U	10	150	5	F $\frac{3}{4}$ - $\frac{3}{4}$	F $\frac{3}{4}$ - 25
66112U	5	80	5	F1 - 1	F1 - 32
66114U	5	50	5	F1 $\frac{1}{4}$ - 1 $\frac{1}{4}$	F1 $\frac{1}{4}$ - 40
66116U	1	40	5	F1 $\frac{1}{2}$ - 1 $\frac{1}{2}$	F1 $\frac{1}{2}$ - 50
66118U	1	25	5	F2 - 2	F2 - 63
66120U	1	15	5	F2 $\frac{1}{2}$ - 2 $\frac{1}{2}$	F2 $\frac{1}{2}$ - 75
66122U	1		5	F3 - 3	F3 - 90
66124U	1		5	F4 - 4	F4 - 125
66126U	1	4	5	F5 - 4	F5 - 125

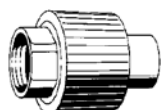
Description



THREADED FEMALE JOINT, lead-free, for socket fusion directly to PP-R fittings, with alloy thread

Part #	□	☐	SDR	dimensions	
				inches	mm
66150U	10	200	5	F $\frac{1}{2}$ - $\frac{1}{2}$	F $\frac{1}{2}$ - 20

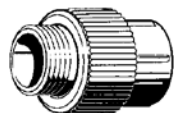
Description



THREADED FEMALE JOINT, lead-free, for socket fusion directly to PP-R fittings, with hexagonal seat and alloy thread

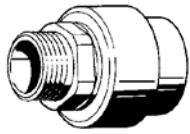
Part #	□	☐	SDR	dimensions	
				inches	mm
66158U	10	200	5	F $\frac{1}{2}$ - $\frac{1}{2}$	F $\frac{1}{2}$ - 20

Description



THREADED MALE JOINT, for socket fusion to PP-R pipe with alloy thread, lead-free

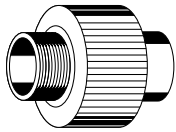
Part #	□	☐	SDR	dimensions	
				inches	mm
66208U	10	200	5	M $\frac{1}{2}$ - $\frac{1}{2}$	M $\frac{1}{2}$ - 20
66209U	10	200	5	M $\frac{1}{2}$ - $\frac{3}{4}$	M $\frac{1}{2}$ - 25
66210U	10	200	5	M $\frac{3}{4}$ - $\frac{3}{4}$	M $\frac{3}{4}$ - 25
66211U	10	200	5	M $\frac{3}{4}$ - $\frac{1}{2}$	M $\frac{3}{4}$ - 20
66213U	5	150	5	M $\frac{3}{4}$ - 1	M $\frac{3}{4}$ - 32



Description

THREADED MALE JOINT, lead-free, for socket fusion to PP-R pipe, with hexagonal seat and alloy thread

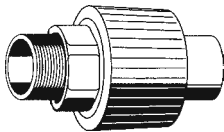
Part #	□	☐	SDR	dimensions	
				inches	mm
66308U	10	200	5	M½ - ½	M½ - 20
66310U	10	150	5	M¾ - ¾	M¾ - 25
66311U	10	150	5	M¾ - ½	M¾ - 20
66312U	5	70	5	M1 - 1	M1 - 32
66314U	5	50	5	M1¼ - 1¼	M1¼ - 40
66316U	5	40	5	M1½ - 1½	M1½ - 50
66318U	1	20	5	M2 - 2	M2 - 63
66320U	1	20	5	M2½ - 2½	M2½ - 75
66321U	1	15	5	M2½ - 3	M2½ - 90
66322U	1	6	5	M3 - 3	M3 - 90
66324U	1	6	5	M3 - 3½	M3 - 110
66325U	1		5	M4 - 3½	M4 - 110
66326U	1	4	5	M5 - 4	M5 - 125



Description

THREADED MALE JOINT, lead-free, for socket fusion directly to PP-R fittings, with alloy thread

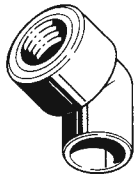
Part #	□	☐	SDR	dimensions	
				inches	mm
66350U	10	200	5	M½ - ½	M½ - 20



Description

THREADED MALE JOINT, lead-free, for socket fusion directly to PP-R fittings, with hexagonal

Part #	□	☐	SDR	dimensions	
				inches	mm
66358U	10	200	5	M½ - ½	M½ - 20



Description

THREADED FEMALE ELBOW, lead-free, for socket fusion to PP-R pipe, without bracket, with alloy thread

Part #	□	☐	SDR	dimensions	
				inches	mm
67008U	10	200	5	F½ - ½	F½ - 20
67009U	10	150	5	F½ - ¾	F½ - 25
67010U	10	150	5	F¾ - ¾	F¾ - 25
67011U	10	100	5	F¾ - ½	F¾ - 20
67013U	5	100	5	F¾ - 1	F¾ - 32
67014U	5	70	5	F1 - 1	F1 - 32



Description

THREADED FEMALE ELBOW, lead-free, for socket fusion to PP-R pipe, with bracket, with alloy thread

Part #	□	☐	SDR	dimensions	
				inches	mm
67108U	10	150	5	F½ - ½	F½ - 20
67109U	10	100	5	F¾ - ½	F¾ - 20
67110U	10	100	5	F¾ - ¾	F¾ - 25
67111U	10	100	5	F½ - ¾	F½ - 25

Description



THREADED FEMALE ELBOW, lead-free, for socket fusion directly to PP-R fittings, without bracket, with alloy thread

Part #	📄	📦	SDR	dimensions	
				inches	mm
67208U	10	200	5	F½ - ½	F½ - 20

Description



THREADED MALE ELBOW, lead-free, for socket fusion to PP-R pipe, with alloy thread

Part #	📄	📦	SDR	dimensions	
				inches	mm
67500U	10	100	5	M½ - ¾	M½ - 25
67508U	10	150	5	M½ - ½	M½ - 20
67509U	10	100	5	M¾ - ½	M¾ - 20
67510U	10	100	5	M¾ - ¾	M¾ - 25
67511U	5	50	5	M¾ - 1	M¾ - 32
67512U	5	50	5	M1 - 1	M1 - 32

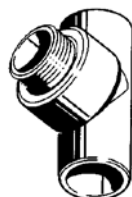
Description



THREADED FEMALE TEE, lead-free, for socket fusion to PP-R pipe, with alloy thread

Part #	📄	📦	SDR	dimensions	
				inches	mm
68008U	10	150	5	½ - ½ - F½	20 - 20 - F½
68009U	10	100	5	½ - ½ - F¾	20 - 20 - F¾
68010U	10	100	5	¾ - ¾ - F¾	25 - 25 - F¾
68011U	10	100	5	¾ - ¾ - F½	25 - 25 - F½
68014U	5	50	5	1 - 1 - F¾	32 - 32 - F¾
68016U	5	50	5	1 - 1 - F1	32 - 32 - F1

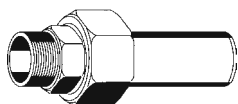
Description



THREADED MALE TEE, lead-free, for socket fusion to PP-R pipe, with alloy thread

Part #	📄	📦	SDR	dimensions	
				inches	mm
68508U	10	150	5	½ - ½ - M½	20 - 20 - M½

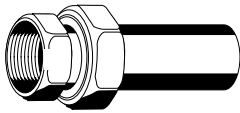
Description



THREADED MALE PIPE UNION, lead-free, for socket fusion directly to a PP-R fittings

Part #	📄	📦	SDR	dimensions	
				inches	mm
69230U	5	200	11	M½ - ½	M½ - 20
69232U	5	100	11	M¾ - ¾	M¾ - 25
69234U	5	50	11	M1 - 1	M1 - 32
69236U	5	40	11	M1¼ - 1¼	M1¼ - 40
69238U	1	20	11	M1½ - 1½	M1½ - 50
69240U	1	15	11	M2 - 2	M2 - 63

Description



THREADED FEMALE PIPE UNION, lead-free, for socket fusion directly to PP-R fittings

Part #	📄	📦	SDR	dimensions	
				inches	mm
69260U	5	200	11	F½ - ½	F½ - 20
69262U	5	100	11	F¾ - ¾	F¾ - 25
69264U	5	50	11	F1 - 1	F1 - 32
63266U	5	40	11	F1¼ - 1¼	F1¼ - 40
69268U	1	20	11	F1½ - 1½	F1½ - 50
69270U	1	15	11	F2 - 2	F2 - 63

Description



RING NUT - FEMALE, for socket fusion, with alloy thread

Part #	📄	📦	dimensions	
			inches	mm
69314U	5	200	F½	F½

Description



PP-R PIPE PLUG, for socket fusion, for hole repairs

Part #	📄	📦	dimensions	
			inches	mm
69350	10	1000	0.28 - 0.43	7 - 11

Description



ELECTRO-FUSION COUPLING, for weld with low voltage 48V

Part #	📄	📦	SDR	dimensions	
				inches	mm
69508U	10	250	5	½	20
69510U	10	200	5	¾	25
69512U	10	150	5	1	32
69514U	5	100	5	1¼	40
69516U	5	75	5	1½	50
69518U	5	50	5	2	63
69520U	1	40	5	2½	75
69522U	1	24	5	3	90
69524U	1	12	5	3½	110
69526U	1	6	5	4	125
69528U	1	4	11	6	160
69530U	1	4	11	8	200
69532U	1	1	11	10	250

Description



BALL VALVE, alloy, for socket fusion directly to PP-R fittings, with pipe unions

Part #	📄	📦	SDR	dimensions	
				inches	mm
40008U	5	50	11	½	20
40010U	5	40	11	¾	25
40012U	1	20	11	1	32
40014U	1	15	11	1¼	40
40016U	1	10	11	1½	50
40018U	1	7	11	2	63

Description



BALL VALVE, alloy, with butterfly handle, for socket fusion directly to PP-R fittings, with pipe unions

Part #	📄	📦	SDR	dimensions	
				inches	mm
40058U	5	50	11	1/2	20
40060U	5	40	11	3/4	25
40062U	1	20	11	1	32

Description



HANDLE, for ball valve

Part #	📄	for code
40130	1	40008U - 40010U
40132	1	40012U - 40014U
40134	1	40016U - 40018U

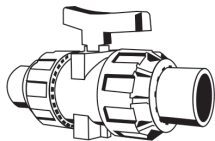
Description



PIPE UNION ADAPTOR WITH NUT, for socket fusion directly to PP-R fitting, for ball valves: 40008U, 40058U, 40068U, 40098U, 40108U

Part #	📄	📦	dimensions	
			inches	mm
40208U	10	200	F3/4 - 1/2	F3/4 - 20
40210U	10	200	F1 - 3/4	F1 - 25
40212U	5	100	F1 1/4 - 1	F1 1/4 - 32
40214U	5	100	F1 1/2 - 1 1/4	F1 1/2 - 40
40216U	1	50	F2 - 1 1/2	F2 - 50
40218U	1	20	F2 1/2 - 2	F2 1/2 - 63

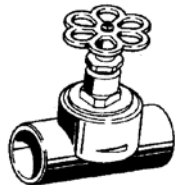
Description



PP-R BALL VALVE, FULLY IN PP-R, lead-free, for socket fusion

Part #	📄	📦	SDR	dimensions	
				inches	mm
40258U	1	25	5	1/2	20
40260U	1	20	5	3/4	25
40262U	1	15	5	1	32
40264U	1	10	5	1 1/4	40
40266U	1	8	5	1 1/2	50

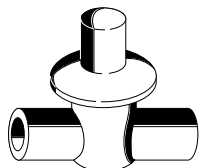
Description



GLOBE VALVE, for socket fusion, for outdoor use, with gasket and hand wheel

Part #	📄	📦	SDR	dimensions	
				inches	mm
40719U	1	40	5	1/2	20
40721U	1	40	5	3/4	25
40723U	1	30	5	1	32

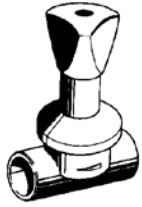
Description



BALL VALVE w/ CHROME PLATED COVER for socket fusion, for enclosed application with an exposed chrome-plated closing cap

Part #	📄	📦	SDR	dimensions	
				inches	mm
40730U	1	40	5	1/2	20
40732U	1	40	5	3/4	25

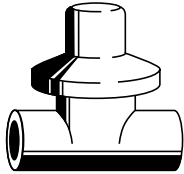
Description



GLOBE VALVE w/ CHROME PLATED HANDLE, for socket fusion, for enclosed application with exposed handle, chrome-plated, with gasket

Part #	□	☐	SDR	dimensions	
				inches	mm
40900U	1	40	5	½	20
40902U	1	40	5	¾	25
40920U	1	30	5	1	32

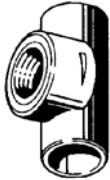
Description



CONCEALED GLOBE VALVE w/ CHROME-PLATED COVER, for socket fusion, for enclosed applications with an exposed chrome-plated closing cap, with gasket

Part #	□	☐	SDR	dimensions	
				inches	mm
40921U	1	40	5	½	20
40923U	1	40	5	¾	25
40924U	1	30	5	1	32

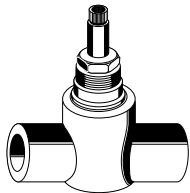
Description



GLOBE VALVE BODY, lead-free, for socket fusion, for screw type shut-off valves, with alloy thread

Part #	□	☐	SDR	dimensions	
				inches	mm
40846U	10	100	5	½	20
40847U	10	100	5	¾	25
40850U	5	50	5	1	32

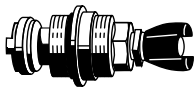
Description



BALL VALVE WITH BODY, alloy, for socket fusion

Part #	□	☐	SDR	dimensions	
				inches	mm
40852U	1		5	½	20
40854U	1		5	¾	25

Description



AUGER (VALVE STEM), alloy, with handle and gasket

Part #	□	☐	for code	
			40925	5
40926	5			40924U-40850U

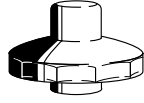
Description



HANDLE, for auger

Part #	□	☐	for code	
			40990	5

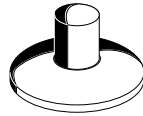
Description



CAP, alloy, with chrome-plated washer

Part #			for code
40927	5	100	40921U-40923U-40925
40950	5	80	40924U-40926

Description



CAP, alloy, with chrome-plated washer

Part #		for code
40952	1	40730U-40732U-40852U-40854U

Description



GLOBE VALVE AUGER (VALVE STEM), alloy

Part #			for code
40928	5	100	40719U-40721U-40846U-40847U
40953	5		40723U-40850U

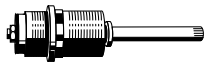
Description



HANDLE, alloy, for auger (valve stem)

Part #			for code
40992	1	100	40719U-40721U-40928
40994	1		40723U-40953

Description



AUGER (VALVE STEM), alloy, for without handle

Part #			for code
40956	5	100	40900U-40902U
40960	5	100	40920U

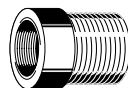
Description



HANDLE, alloy, with chrome-plated washer




Part #			for code
40964	5	50	40900U-40902U
40966	5	100	40920U




Description








EXTENSION, alloy, for shut-off valve, length 1.42 inches (mm 36)

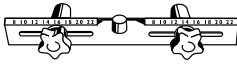


Part #			for code
40931	5	400	40730U-70732U-40900U-40921U-40923U
40933	5	400	40920U-40924U

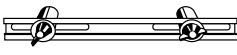


Description					
					
EXTENSION , alloy, for shut-off valve, length 1.59 inches (mm 40,5)					
Part #			for code		
40934	5	400	40900U-40902U-40921U-40923U-40730U-40732U-40920U-40924U		




Description					
					
PIPE BRACKETS , for pipe support					
Part #			for pipe		
			inches	mm	
27042	1	2000	3/4	16-18	
27044	1	2000	1/2	20-22	
27046	1	1500	3/4	25-27	

Description					
					
CLOSING CAP , NPT thread, for pressure testing					
Part #			dimension		
			inches	mm	
27048U	10	500	M1/2	M1/2	
27050U	10	400	M3/4	M3/4	

Description					
					
O-RING , for testing cap					
Part #		dimension			
		inches	mm	for item	
27052	10	1/2	20	27050	
27053	10	3/4	25	27048	

Description					
					
AIR-BUBBLE SPACER , metal, adjustable spacer, extension from 3 1/8 to 9 1/2 inches (mm 80 to 240)					
Part #			extension		
			inches	mm	
27054 ^A	1	35	3.15 ~ 9.45	80 ~ 240	

Description					
					
SPACER , plastics, adjustable, extension from 3 1/8 to 9 1/2 inches (mm 80 to 240)					
Part #			extension		
			inches	mm	
27056 ^A	5	100	3.15 ~ 9.45	80 ~ 240	

Description					
					
PRE-BORED PLATE , for mounting fittings					
Part #			for code		
27058	5	250	67108U-67109U-67110U-67111U		

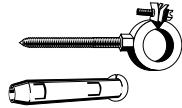
Description



POSITIONER, metal, adjustable for radiator connection rough-in, extension from 1to 3 feet (mm 400 to 950)

Part #	Icon	extension	
		feet	mm
50250*	5	1 ~ 3	400 ~ 950

Description



RING CLAMPS, with rubber protection and threaded screw

Part #	Icon	Box	dimensions	
			inches	mm
27520	5	150	1/2	20
27525	5	150	3/4	25
27532	5	100	1	32
27540	5	100	1 1/4	40
27550	5	50	1 1/2	50
27563	5	50	2	63

Description



RING CLAMPS, with rubber protection

Part #	Icon	Box	dimensions	
			inches	mm
27575	1	30	2 1/2	75
27590	1	30	3	90
27610	1	25	3 1/2	110
27612	1	25	4	125
27614	1	15	6	160
27616	1	10	8	200
27618	1	10	10	250

Tools and equipment of the Fusion-Tech system
 For Fusion-Tech equipment, please consult your local distributor

Multi-Layer Pipe

Multi-Calor

Multi-Layer PEX-AL-PEX



Range

From \emptyset 1/2" to 2 1/2"

Use

Transport of hot/cold, potable and non-potable fluids with maximum working temperature/pressure 203°F/145psi

Applications

Domestic plumbing, heating/cooling, industrial, food grade and non-food grade fluid transport

Advantages

- Extremely flexible
- High working temperature and pressure
- Chemically safe and stable for food-grade fluids
- Non-corrosive
- Leader in high flow rates and low pressure drops
- Economical quick-and-easy installation
- Impermeable to oxygenated fluids

Multi-Eco

Multi-Layer PEX-AL-PE-HD



Range

From \emptyset 1/2" to 1"

Use

Transport of hot/cold and non-potable fluids with maximum working temperature/pressure 203°F/145psi

Applications

Heating/cooling, industrial and non-food grade fluids transport

Advantages

- Extremely flexible
- High working temperature and pressure
- Chemically safe and stable for food-grade fluids
- Non-corrosive
- Leader in high flow rates and low pressure drops
- Economical quick-and-easy installation
- Impermeable to oxygenated fluids
- Excellent price/product value

Polipert

PE-RT pipe with an EVOH oxygen barrier



Range

From \emptyset 1/2" to 5/8"

Use

Heating systems

Applications

Heating systems with radiators, conditioning systems and floor heating/cooling systems for industrial and community structures

Advantages

- Simple and safe connections for in-wall and free-hanging installations
- Extremely flexible
- Easy laying operations
- Long life and reliability of systems
- Non-corrosive
- Extremely flexible using the aquatechnik® coupling tool
- Economical quick-and-easy installation
- Impermeable to oxygenated fluids
- Excellent price/product value
- Less processing waste when used with safety fittings

MULTILAYER (WHITE)

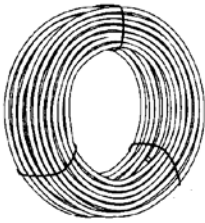
Description



MULTI-CALOR PIPE, PE-X+Al+PE-X, NP 145 psi, 50 - 203°F, bar length 13 ft

CODE	ft per package	sticks	OD		thickness		ID		Alum.	
			inch	mm	inch	mm	inch	mm	inch	mm
74154	196	15	½	16	0.08	2	0.47	12	0.01	0,30
74156	131	10	5/8	20	0.08	2	0.63	16	0.01	0,40
74158	131	10	7/8	26	0.12	3	0.79	20	0.02	0,58
74160	104	8	1	32	0.12	3	1.02	26	0.03	0,75

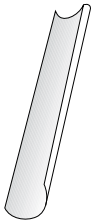
Description



MULTI-CALOR PIPE, PE-X+Al+PE-X, NP 145 psi, 50 - 203°F, coils

CODE	ft per coil	ft per pallet	OD		thickness		ID		Alum.	
			inch	mm	inch	mm	inch	mm	inch	mm
74004	328	17060	½	16	0.08	2	0.47	12	0.01	0,30
74008	328	9842	5/8	20	0.08	2	0.63	16	0.01	0,40
74010	164	3937	7/8	26	0.12	3	0.79	20	0.02	0,58
74012	164	2624	1	32	0.12	3	1.02	26	0.03	0,75

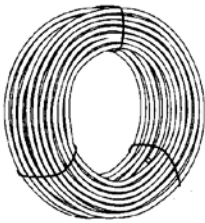
Description



SHELL, dilatation containment shell in zinc-plated steel to support free laying of the pipes, 13 ft length

CODE	ft per package	dimensions	
		inches	mm
61508 ^A	13	½	20
61510 ^A	13	7/8	26
61512 ^A	13	1	32

Description



MULTI-ECO PIPE, PE-X + Al + PE-HD, NP 145 psi, 50 - 203°F, coils

CODE	ft per coil	ft per pallet	OD		thickness		ID		Alum.	
			inch	mm	inch	mm	inch	mm	inch	mm
74504	328	17060	½	16	0.08	2	0.47	12	0.007	0,20
74508	328	9842	5/8	20	0.08	2	0.63	16	0.007	0,20
74510	164	3937	7/8	26	0.12	3	0.79	20	0.013	0,35
74512	164	2628	1	32	0.12	3	1.02	26	0.015	0,40

Safety[®]-Pol Fittings

Patented fittings of PPSU with PAM caps



Range

From Ø ½" to 2½"

Use

Transport of hot/cold fluid and non-potable fluids with maximum working temperature/pressure 203°F/145psi

Applications

Heating/cooling and industrial fluid transport

Advantages

- Simple and safe connections for in-wall installations
- High impact-resistant
- High flow rates and low pressure drops
- Quick-and-easy installation
- Possibility to unlock fittings for re-use
- Resistant to lime, cement, plaster and electro-chemical reaction
- Low cost and economical dedicated tools
- Less waste by re-using fittings

The **safety-pol** fittings are the product of continuous technical innovation and research, which are an integral to **aquatechnik**[®] success. This new range was designed and patented by the **aquatechnik**[®] group spa to reach the highest safety standards regarding the connection of in-wall multi-layer pipe installations.

The main features of the **safety-pol** system are:

- patented **aquatechnik**[®] tools flare the pipe around the fitting to maintain precise inside diameters of the fittings, reducing pressure drops throughout the fittings
- the pipe is locked on the fitting by a tight collar/cap connection, but can be unlocked and used again.

The idea to develop the **safety-pol** fittings came from the decision to increase the flow – consequently decreasing pressure drops and friction – making a greater diameter socket on the pipe head for the connection.

The project has been carried out step by step, going through all necessary tests and paying great attention to reliability factors for its in-wall piping use.

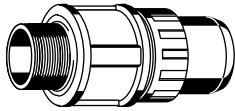
The industrial production began only after receiving certifications from international authorities for the whole range and its dedicated accessories.

The socket on the pipe head is made by special tool that ensure a quick, reliable and safe connection.



SAFETY SYSTEM WITH MULTILAYER PIPES

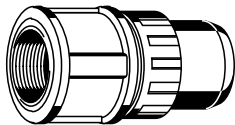
Description



THREADED JOINT MALE, safety-pol, with PPSU NPT thread

CODE	📄	📦	dimensions		for pipe	
			inches	mm	inches	mm
20002U	10	300	M½ - sm½	M½ - sm16	½	16
20006U	10	250	M½ - sm ⅝	M½ - sm20	⅝	20
20010U	10	250	M¾ - sm ⅝	M¾ - sm20	⅝	20
20012U	5	100	M¾ - sm ⅞	M¾ - sm26	⅞	26
20016U	5	80	M1 - sm1	M1 - sm32	1	32

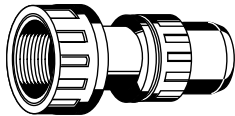
Description



THREADED JOINT FEMALE, safety-pol, with PPSU NPT thread

CODE	📄	📦	dimensions		for pipe	
			inches	mm	inches	mm
20062U	10	300	F½ - sm½	F½ - sm16	½	16
20066U	10	250	F½ - sm ⅝	F½ - sm20	⅝	20
20070U	10	250	F¾ - sm ⅝	F¾ - sm20	⅝	20
20072U	5	100	F¾ - sm ⅞	F¾ - sm26	⅞	26
20076U	5	80	F1 - sm1	F1 - sm32	1	32

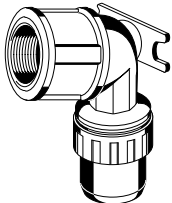
Description



REDUCER, safety-pol

CODE	📄	📦	dimensions		for pipe	
			inches	mm	inches	mm
20122	10	250	sf½ - sm½	sf20 - sm16	½	16
20126	5	200	sf¾ - sm½	sf26 - sm16	½	16
20130	5	200	sf¾ - sm ⅝	sf26 - sm20	⅝	20
20132	5	80	sf1 - sm½	sf32 - sm16	½	16
20136	5	80	sf1 - sm ⅝	sf32 - sm20	⅝	20
20138	5	80	sf1 - sm ⅞	sf32 - sm26	⅞	26

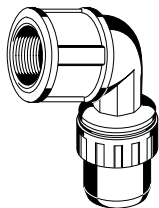
Description



THREADED ELBOW FEMALE, safety-pol, with PPSU NPT thread, with bracket

CODE	📄	📦	dimensions		for pipe	
			inches	mm	inches	mm
20212U	10	200	F½ - sm½	F½ - sm16	½	16
20216U	10	150	F½ - sm ⅝	F½ - sm20	⅝	20

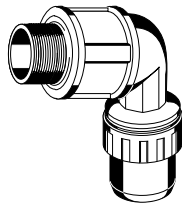
Description



THREADED ELBOW FEMALE, safety-pol, with PPSU NPT thread

CODE	📄	📦	dimensions		for pipe	
			inches	mm	inches	mm
20222U	10	250	F½ - sm½	F½ - sm16	½	16
20226U	10	200	F½ - sm ⅝	F½ - sm20	⅝	20
20230U	10	150	F¾ - sm ⅝	F¾ - sm20	⅝	20
20232U	5	100	F¾ - sm ⅞	F¾ - sm26	⅞	26
20238U	5	60	F1 - sm1	F1 - sm32	1	32

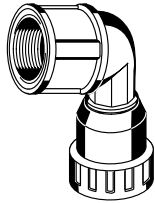
Description



THREADED ELBOW MALE, safety-pol, with PPSU NPT thread

CODE	□	☐	dimensions		for pipe	
			inches	mm	inches	mm
20282U	10	300	M $\frac{1}{2}$ - sm $\frac{1}{2}$	M $\frac{1}{2}$ - sm16	$\frac{1}{2}$	16
20286U	10	200	M $\frac{1}{2}$ - sm $\frac{5}{8}$	M $\frac{1}{2}$ - sm20	$\frac{5}{8}$	20
20288U	10	150	M $\frac{3}{4}$ - sm $\frac{5}{8}$	M $\frac{3}{4}$ - sm20	$\frac{5}{8}$	20
20290U	5	100	M $\frac{3}{4}$ - sm $\frac{7}{8}$	M $\frac{3}{4}$ - sm26	$\frac{7}{8}$	26
20296U	5	60	M1 - sm1	M1 - sm32	1	32

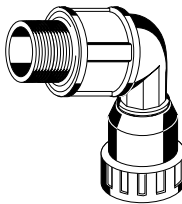
Description



THREADED ELBOW FEMALE/FEMALE, safety-pol, with PPSU NPT thread and turning cap

CODE	□	☐	dimensions		for fitting	
			inches	mm	inches	mm
20332U	10	200	F $\frac{1}{2}$ - sf $\frac{1}{2}$	F $\frac{1}{2}$ - sf16	$\frac{1}{2}$	16
20336U	10	150	F $\frac{1}{2}$ - sf $\frac{5}{8}$	F $\frac{1}{2}$ - sf20	$\frac{5}{8}$	20
20337U	5	100	F $\frac{3}{4}$ - sf $\frac{7}{8}$	F $\frac{3}{4}$ - sf26	$\frac{7}{8}$	26
20338U	5	80	F1 - sf1	F1 - sf32	1	32

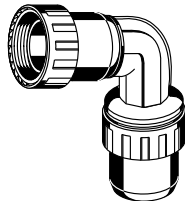
Description



THREADED ELBOW MALE/FEMALE, safety-pol, with PPSU NPT thread and turning cap

CODE	□	☐	dimensions		for fitting	
			inches	mm	inches	mm
20342U	10	200	M $\frac{1}{2}$ - sf $\frac{1}{2}$	M $\frac{1}{2}$ - sf16	$\frac{1}{2}$	16
20344U	10	150	M $\frac{1}{2}$ - sf $\frac{5}{8}$	M $\frac{1}{2}$ - sf20	$\frac{5}{8}$	20
20346U	5	100	M $\frac{3}{4}$ - sf $\frac{7}{8}$	M $\frac{3}{4}$ - sf26	$\frac{7}{8}$	26
20348U	5	80	M1 - sf1	M1 - sf32	1	32

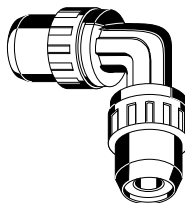
Description



ELBOW 90°MALE/FEMALE, safety-pol, with turning cap

CODE	□	☐	dimensions		for pipe	
			inches	mm	inches	mm
20352	10	200	sf $\frac{1}{2}$ - sm $\frac{1}{2}$	sf16 - sm16	$\frac{1}{2}$	16
20356	10	150	sf $\frac{5}{8}$ - sm $\frac{5}{8}$	sf20 - sm20	$\frac{5}{8}$	20
20358	5	100	sf $\frac{7}{8}$ - sm $\frac{7}{8}$	sf26 - sm26	$\frac{7}{8}$	26
20360	5	50	sf1 - sm1	sf32 - sm32	1	32

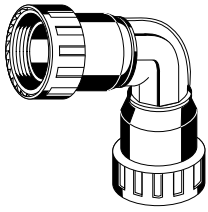
Description



ELBOW 90°, safety-pol

CODE	□	☐	dimensions		for pipe	
			inches	mm	inches	mm
20382	10	200	sm $\frac{1}{2}$ - sm $\frac{1}{2}$	sm16 - sm16	$\frac{1}{2}$	16
20386	10	150	sm $\frac{5}{8}$ - sm $\frac{5}{8}$	sm20 - sm20	$\frac{5}{8}$	20
20388	5	60	sm $\frac{7}{8}$ - sm $\frac{7}{8}$	sm26 - sm26	$\frac{7}{8}$	26
20390	5	40	sm1 - sm1	sm32 - sm32	1	32

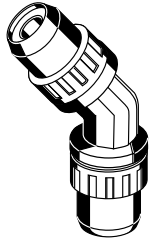
Description



ELBOW 90° FEMALE/FEMALE, safety-pol, with turning cap

CODE	📄	📦	dimensions		for fitting	
			inches	mm	inches	mm
20402	10	250	sf ¹ / ₂ - sf ¹ / ₂	sf16 - sf16	1/2	16
20406	10	200	sf ⁵ / ₈ - sf ⁵ / ₈	sf20 - sf20	5/8	20
20408	5	100	sf ⁷ / ₈ - sf ⁷ / ₈	sf26 - sf26	7/8	26
20410	5	60	sf1 - sf1	sf32 - sf32	1	32

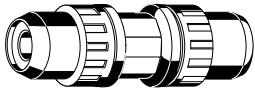
Description



ELBOW 45°, safety-pol

CODE	📄	📦	dimensions		for pipe	
			inches	mm	inches	mm
20416	10	120	sm ⁵ / ₈ - sm ⁵ / ₈	sm20 - sm20	5/8	20
20418	5	50	sm ⁷ / ₈ - sm ⁷ / ₈	sm26 - sm26	7/8	26
20420	5	30	sm1 - sm1	sm32 - sm32	1	32

Description



PIPE COUPLING, safety-pol

CODE	📄	📦	dimensions		for pipe	
			inches	mm	inches	mm
20442	10	250	sm ¹ / ₂ - sm ¹ / ₂	sm16 - sm16	1/2	16
20446	10	200	sm ⁵ / ₈ - sm ⁵ / ₈	sm20 - sm20	5/8	20
20448	5	80	sm ⁷ / ₈ - sm ⁷ / ₈	sm26 - sm26	7/8	26
20450	5	60	sm1 - sm1	sm32 - sm32	1	32

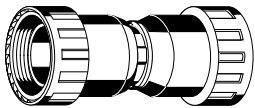
Description



REDUCED PIPE COUPLING, safety-pol

CODE	📄	📦	dimensions		for pipe	
			inches	mm	inches	mm
20472	10	200	sm ⁵ / ₈ - sm ¹ / ₂	sm20 - sm16	1/2	16
20480	10	80	sm ⁷ / ₈ - sm ⁵ / ₈	sm26 - sm20	5/8	20

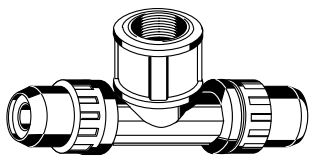
Description



NIPPLES FEMALE/FEMALE, safety-pol, with turning cap

CODE	📄	📦	dimensions		for fitting	
			inches	mm	inches	mm
20522	10	200	sf ¹ / ₂ - sf ¹ / ₂	sf16 - sf16	1/2	16
20526	10	150	sf ⁵ / ₈ - sf ⁵ / ₈	sf20 - sf20	5/8	20
20528	5	150	sf ⁷ / ₈ - sf ⁷ / ₈	sf26 - sf26	7/8	26
20530	5	60	sf1 - sf1	sf32 - sf32	1	32

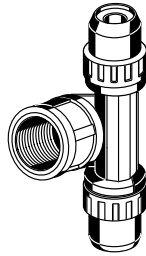
Description



THREADED TEE FEMALE, safety-pol, with PPSU NPT thread

CODE	📄	📦	dimensions		for pipe	
			inches	mm	inches	mm
20542U	10	150	sm ¹ / ₂ - F ¹ / ₂ - sm ¹ / ₂	sm16-F ¹ / ₂ -sm16	1/2	16
20546U	10	120	sm ⁵ / ₈ - F ¹ / ₂ - sm ⁵ / ₈	sm20-F ¹ / ₂ -sm20	5/8	20
20550U	5	50	sm ⁷ / ₈ - F ³ / ₄ - sm ⁷ / ₈	sm26-F ³ / ₄ -sm26	7/8	26
20556U	5	50	sm1-F1 - sm1	sm32-F1-sm32	1	32

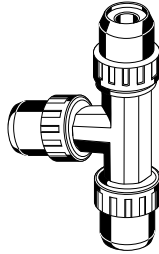
Description



ECCENTRIC THREADED TEE FEMALE, safety-pol, with PPSU NPT thread, with spacer brackets

CODE	10	100	dimensions		for pipe	
			inches	mm	inches	mm
20592U	10	100	sm $\frac{1}{2}$ -F $\frac{1}{2}$ -sm $\frac{1}{2}$	sm16-F $\frac{1}{2}$ -sm16	$\frac{1}{2}$	16
20596U	10	80	sm $\frac{3}{8}$ -F $\frac{1}{2}$ -sm $\frac{5}{8}$	sm20-F $\frac{1}{2}$ -sm20	$\frac{5}{8}$	20

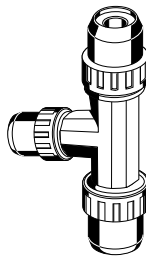
Description



TEE, safety-pol

CODE	10	100	dimensions		for pipe	
			inches	mm	inches	mm
20662	10	100	sm $\frac{1}{2}$ -sm $\frac{1}{2}$ -sm $\frac{1}{2}$	sm16-sm16-sm16	$\frac{1}{2}$	16
20666	10	80	sm $\frac{5}{8}$ -sm $\frac{5}{8}$ -sm $\frac{5}{8}$	sm20-sm20-sm20	$\frac{5}{8}$	20
20668	5	40	sm $\frac{7}{8}$ -sm $\frac{7}{8}$ -sm $\frac{7}{8}$	sm26-sm26-sm26	$\frac{7}{8}$	26
20670	5	30	sm1-sm1-sm1	sm32-sm32-sm32	1	32

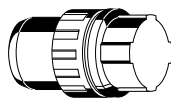
Description



REDUCED TEE, safety-pol

CODE	10	80	dimensions		for pipe	
			inches	mm	inches	mm
20717	10	80	sm $\frac{7}{8}$ -sm $\frac{1}{2}$ -sm $\frac{1}{2}$	sm20-sm16-sm16	$\frac{5}{8}$ - $\frac{1}{2}$	20 - 16
20720	10	80	sm $\frac{5}{8}$ -sm $\frac{1}{2}$ -sm $\frac{5}{8}$	sm20-sm16-sm20	$\frac{5}{8}$ - $\frac{1}{2}$	20 - 16
20725	5	40	sm $\frac{7}{8}$ -sm $\frac{1}{2}$ -sm $\frac{7}{8}$	sm26-sm16-sm26	$\frac{7}{8}$ - $\frac{1}{2}$	26 - 16
20728	5	40	sm $\frac{7}{8}$ -sm $\frac{3}{4}$ -sm $\frac{7}{8}$	sm26-sm20-sm26	$\frac{7}{8}$ - $\frac{5}{8}$	26 - 20
20732	5	40	sm1-sm $\frac{1}{2}$ -sm1	sm32-sm16-sm32	1 - $\frac{1}{2}$	32 - 16
20735	5	40	sm1-sm $\frac{3}{4}$ -sm1	sm32-sm20-sm32	1 - $\frac{5}{8}$	32 - 20
20736	5	40	sm1-sm $\frac{1}{2}$ -sm1	sm32-sm26-sm32	1 - $\frac{7}{8}$	32 - 26

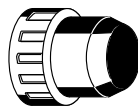
Description



CLOSING CAP M, safety-pol

CODE	10	300	dimensions		for pipe	
			inches	mm	inches	mm
20902	10	300	$\frac{1}{2}$	sm16	$\frac{1}{2}$	16
20906	10	250	$\frac{5}{8}$	sm20	$\frac{5}{8}$	20
20908	5	200	$\frac{7}{8}$	sm26	$\frac{7}{8}$	26
20910	5	150	1	sm32	1	32

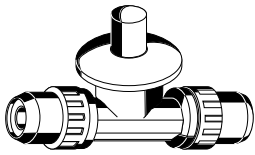
Description



CLOSING CAP F, safety-pol

CODE	10	500	dimensions		for fitting	
			inches	mm	inches	mm
20952	10	500	$\frac{1}{2}$	sf16	$\frac{1}{2}$	16
20956	10	500	$\frac{5}{8}$	sf20	$\frac{5}{8}$	20
20958	5	300	$\frac{7}{8}$	sf26	$\frac{7}{8}$	26
20960	5	200	1	sf32	1	32

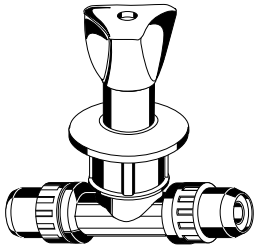
Description



SHUT-OFF VALVE, safety-pol, built-in, screw closing

CODE	📄	📦	dimensions		for pipe	
			inches	mm	inches	mm
21202	1	30	sm $\frac{1}{2}$ - sm $\frac{1}{2}$	sm16 - sm16	$\frac{1}{2}$	16
21206	1	30	sm $\frac{5}{8}$ - sm $\frac{5}{8}$	sm20 - sm20	$\frac{5}{8}$	20
21208	1	30	sm $\frac{7}{8}$ - sm $\frac{7}{8}$	sm26 - sm26	$\frac{7}{8}$	26

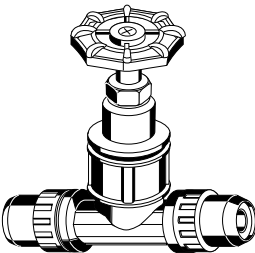
Description



SHUT-OFF VALVE, safety-pol, built-in to handle chrome plated

CODE	📄	📦	dimensions		for pipe	
			inches	mm	inches	mm
21232	1	30	sm $\frac{1}{2}$ - sm $\frac{1}{2}$	sm16 - sm16	$\frac{1}{2}$	16
21236	1	30	sm $\frac{5}{8}$ - sm $\frac{5}{8}$	sm20 - sm20	$\frac{5}{8}$	20
21238	1	30	sm $\frac{7}{8}$ - sm $\frac{7}{8}$	sm26 - sm26	$\frac{7}{8}$	26

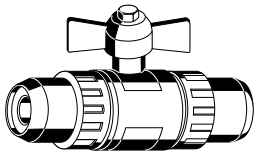
Description



SHUT-OFF VALVE, safety-pol, for outside handwheel auger

CODE	📄	📦	dimensions		for pipe	
			inches	mm	inches	mm
21262	1	30	sm $\frac{1}{2}$ - sm $\frac{1}{2}$	sm16 - sm16	$\frac{1}{2}$	16
21266	1	30	sm $\frac{5}{8}$ - sm $\frac{5}{8}$	sm20 - sm20	$\frac{5}{8}$	20
21268	1	30	sm $\frac{7}{8}$ - sm $\frac{7}{8}$	sm26 - sm26	$\frac{7}{8}$	26

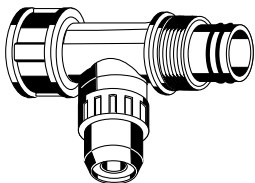
Description



BALL VALVE, safety-pol, with lead-free alloy body and butterfly handle

CODE	📄	📦	dimensions		for pipe	
			inches	mm	inches	mm
21282	5	50	sm $\frac{1}{2}$ - sm $\frac{1}{2}$	sm16 - sm16	$\frac{1}{2}$	16
21286	5	50	sm $\frac{5}{8}$ - sm $\frac{5}{8}$	sm20 - sm20	$\frac{5}{8}$	20
21288	1	30	sm $\frac{7}{8}$ - sm $\frac{7}{8}$	sm26 - sm26	$\frac{7}{8}$	26
21290	1	30	sm1 - sm1	sm32 - sm32	1	32

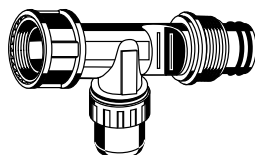
Description



MODULAR MANIFOLD, safety-pol, free-laying and walled-in, PPSU

CODE	📄	📦	dimensions		for pipe	
			inches	mm	inches	mm
21302	10	150	sm $\frac{5}{8}$ -sm $\frac{1}{2}$ -sm $\frac{5}{8}$	sf20-sm16-sm20	$\frac{5}{8}$ - $\frac{1}{2}$	20 - 16
21304	5	80	sm $\frac{7}{8}$ -sm $\frac{1}{2}$ -sm $\frac{7}{8}$	sf26-sm16-sm26	$\frac{7}{8}$ - $\frac{1}{2}$	26 - 16
21307	5	80	sm $\frac{7}{8}$ -sm $\frac{7}{8}$ -sm $\frac{7}{8}$	sf26-sm20-sm26	$\frac{7}{8}$ - $\frac{7}{8}$	26 - 20

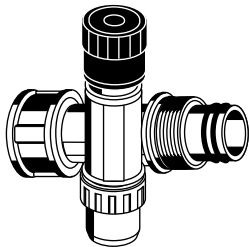
Description



SWAN NECK MANIFOLD, safety-pol

CODE	📄	📦	dimensions		for pipe	
			inches	mm	inches	mm
21782	10	150	sm $\frac{5}{8}$ -sm $\frac{1}{2}$ -sm $\frac{5}{8}$	sf20-sm16-sm20	$\frac{5}{8}$ - $\frac{1}{2}$	20 - 16

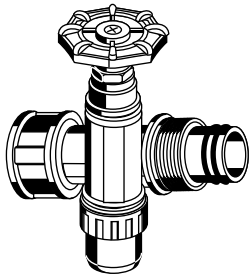
Description



MULTIRAPID MANIFOLD, safety-pol, for domestic distributions, with shut-off valve

CODE	📄	📦	dimensions		for pipe	
			inches	mm	inches	mm
21312	10	100	sm ^{5/8} - sm ^{1/2} - sm ^{5/8}	sf20-sm16-sm20	5/8 - 1/2	20 - 16
21316	5	80	sm ^{7/8} - sm ^{1/2} - sm ^{7/8}	sf26-sm16-sm26	7/8 - 1/2	26 - 16
21322	5	40	sm1-sm ^{1/2} -sm1	sf32-sm16-sm32	1 - 1/2	32 - 16
21326	5	40	sm1-sm ^{5/8} -sm1	sf32-sm20-sm32	1 - 5/8	32 - 20

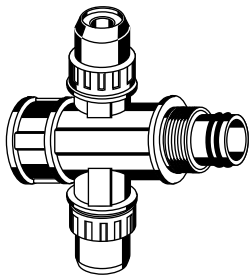
Description



MULTIRAPID MANIFOLD, safety-pol, for domestic distributions, with shut-off valve

CODE	📄	📦	dimensions		for pipe	
			inches	mm	inches	mm
21342	5	40	sm1-sm ^{1/2} -sm1	sf32-sm16-sm32	1 - 1/2	32 - 16
21346	5	40	sm1-sm ^{5/8} -sm1	sf32-sm20-sm32	1 - 5/8	32 - 20

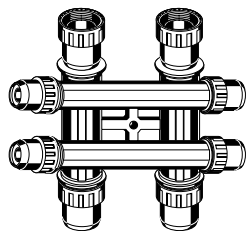
Description



CROSS MANIFOLD, safety-pol

CODE	📄	📦	dimensions		for pipe	
			inches	mm	inches	mm
21402	10	120	sm ^{5/8} - sm ^{1/2} - sm ^{5/8}	sf20-sm16-sm20	5/8 - 1/2	20 - 16
21406	5	80	sm ^{7/8} - sm ^{1/2} - sm ^{7/8}	sf26-sm16-sm26	7/8 - 1/2	26 - 16

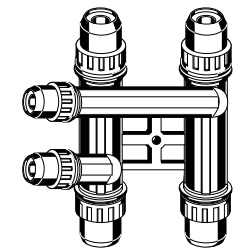
Description



COPLANAR MANIFOLD, safety-pol, modular

CODE	📄	📦	dimensions		for pipe	
			inches	mm	inches	mm
21658	1	20	sm ^{7/8} - sm ^{1/2} - sm ^{7/8}	sm26-sm16-sf26	7/8 - 1/2	26 - 16

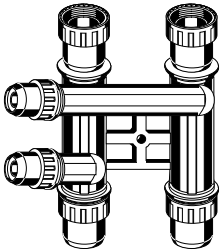
Description



DERIVATION MANIFOLD, safety-pol

CODE	📄	📦	dimensions		for pipe	
			inches	mm	inches	mm
21685	1	25	sm ^{5/8} - sm ^{1/2} - sm ^{5/8}	sm20-sm16-sm20	5/8 - 1/2	20 - 16
21689	1	25	sm ^{7/8} - sm ^{1/2} - sm ^{7/8}	sm26-sm16-sm26	7/8 - 1/2	26 - 16

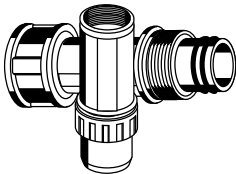
Description



COPLANAR MANIFOLD M/F, safety-pol, modular

CODE	📄	📦	dimensions		for pipe	
			inches	mm	inches	mm
21745	1	25	sm $\frac{5}{8}$ - sm $\frac{1}{2}$ - sm $\frac{3}{8}$	sm20-sm16-sf20	$\frac{5}{8}$ - $\frac{1}{2}$	20 - 16

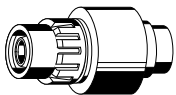
Description



MANIFOLD BODY, safety-pol, for modular and multirapid manifolds with valve connection

CODE	📄	📦	dimensions		for pipe	
			inches	mm	inches	mm
22312	10	150	sf $\frac{5}{8}$ - sm $\frac{1}{2}$ - sm $\frac{3}{8}$	sf20-sm16-sm20	$\frac{5}{8}$ - $\frac{1}{2}$	20 - 16
22316	5	80	sf $\frac{7}{8}$ - sm $\frac{1}{2}$ - sm $\frac{3}{8}$	sf26-sm16-sm26	$\frac{7}{8}$ - $\frac{1}{2}$	26 - 16
22322	5	60	sf1-sm $\frac{1}{2}$ -sm1	sf32-sm16-sm32	1 - $\frac{1}{2}$	32 - 16
22326	5	60	sf1-sm $\frac{5}{8}$ -sm1	sf32-sm20-sm32	1 - $\frac{5}{8}$	32 - 20

Description



FUSIO-TECHNIK DIRECT JOINT WITH SAFETY DERIVATION, lead-free

CODE	📄	📦	SDR	output Ø		for pipe		
				inches	mm	inches	mm	miller
65170U ^A	5	150	5	sm $\frac{1}{2}$	sm16	1 $\frac{1}{2}$ ~ 10	50 ~ 250	50346
65172U ^A	5		5	sm $\frac{3}{8}$	sm20	1 $\frac{1}{2}$ ~ 10	50 ~ 250	50346
65174U ^A	5		5	sm $\frac{7}{8}$	sm26	2 ~ 10	63 ~ 250	50348

Description



CAP, safety-pol, PA-M

CODE	📄	📦	dimensions		for fitting	
			inches	mm	inches	mm
39102	10	700	$\frac{1}{2}$	sf16	$\frac{1}{2}$	16
39106	10	500	$\frac{5}{8}$	sf20	$\frac{5}{8}$	20
39108	10	300	$\frac{3}{4}$	sf26	$\frac{3}{4}$	26
39110	10	200	1	sf32	1	32

Description



CAP, lead-free, for safety manifold with O-ring

CODE	📄	📦	dimensions		for code	
			inches			
22876	1	500	M $\frac{3}{8}$		22312-22314-22316-22318	
22902	1	500	M $\frac{1}{2}$		22322-22326-22334	

Description



REDUCER CAP, lead-free, for safety manifold

CODE	📄	dimensions		for code	
		inches			
22910	1	M1 - F $\frac{1}{2}$		22336	

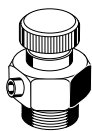
Description



VENT VALVE, automatic, lead-free, for safety manifold

CODE			dimensions inches
92320 [□]	1	100	M ³ / ₈
92322 [□]	1	100	M ¹ / ₂

Description



VENT VALVE, manual, lead-free, for safety manifold

CODE			dimensions inches
92330 [□]	1	500	M ³ / ₈
92332 [□]	1	500	M ¹ / ₂

Description



BUTTERFLY HANDLE, alloy, for ball valve

CODE		for code
22850	10	21282-21286
22852	10	21288-21290

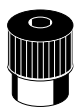
Description



MANIFOLD VALVE, alloy, for multirapid manifold

CODE			for code
22880	1	100	21312-21316
22882	1	100	21322-21326

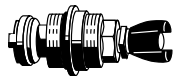
Description



HANDWHEEL, for manifold shut-off valve

CODE		for code
22854	1	21312-21316-21322-21326-22880-22882

Description



AUGER, alloy

CODE		for code
22890	1	21202-21206
22892	1	21208

Description



HANDWHEEL, for manifold shut-off valve

CODE		for code
40990 ^A	1	21202-21206-21208-22890-22892



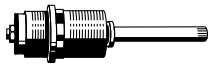
Description				
AUGER , alloy, for multirapid manifolds				
CODE			for code	
22886	1	100	21342-21346-21348	
22940	1	100	21262-21266	
22942	1	100	21268	



Description				
AUGER , alloy, for multirapid manifolds				
CODE			for code	
40992 ^A	1		21342-21346-21348-21262-21266-22886-22940	



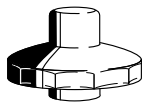
Description				
HANDLE , alloy, with chrome-plated closed-up				
CODE			for code	
22920	5		21232-21236-21238	



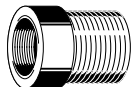
Description				
AUGER , alloy, for shut-off valve with handle				
CODE			for code	
22930	5		21232-21236	
22932	5		21238	



Description				
VALVE PLATE , cold-warm indicator				
CODE			for code	
22884	10		22880-22882	



Description				
CAP , alloy, chrome-plated washer				
CODE			for code	
40927 ^A	5	100	21202-21206-21208	



Description				
EXTENSION , alloy, for shut-off valve, length 1.42 inches (mm 36)				
CODE			for code	
40931 ^A	5	400	21202-21206-21208-21232-21236-21238	



Description

EXTENSION, alloy, for shut-off valve, length 1.59 inches (mm 40,5)

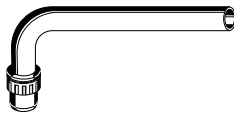
CODE			for code
40934 ^A	5	400	21202-21206-21208-21232-21236-21238



Description

O-RING, safety, peroxidic EPDM

CODE			dimensions	
			inches	mm
39252	10		1/2	16
39256	10		5/8	20
39258	10		7/8	26
39260	10		1	32



Description

CHROME PLATED JOINT, alloy, for radiator connection, length 14.17x2.75 inches (360x70 mm)

CODE			dimensions	
			inches	mm
39285	1	60	Ø 35/64 - sm 1/2	Ø 14 mm - sm16
39286	1	60	Ø 19/32 - sm 1/2	Ø 15 mm - sm16



Description

WASHER, alloy, for chrome-plated joint

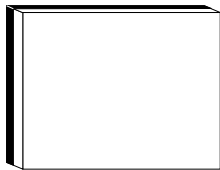
CODE			for code
39290	10	150	39280-39285
39291	10	150	39286



Description

SPACER, plastics, for pipe and eccentric fitting, distance 1.50 inches (38 mm)

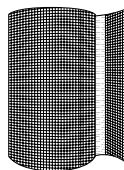
CODE			for pipe	
			inches	mm
39296	10	500	1/2	16
39300	10	300	5/8	20



Description

INSPECTION CASE, for safety manifolds Ø 1/2 and 3/4, to be built-in (without electrical-head), without brackets, steel sheet (support brackets code 73580 and 73582)

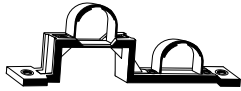
CODE		n° connections	height		length		thickness	
			feet	mm	feet	mm		
71458	1	max 5	1.14	350	1.14	350	3.54	90
71460	1	max 9	1.31	400	2.29	700	3.54	90



Description

GRIPPING NET, for inspection case

CODE			height		length	
			inches	mm	feet	m
71470	1	15	5.90	150	82	25



Description

LOCKING BRACKET, plastic, for safety manifolds, with collars and screws

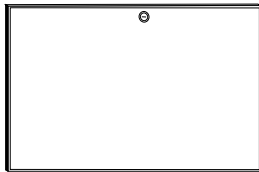
CODE			dimensions
73580	2	80	for safety manifold Ø 5/8" (20 mm) and case 71458
73582	2	60	for safety manifold Ø 7/8" (26 mm) and case 71460



Description

LOCKING BRACKET, plastic, for coplanar and derivation manifolds

CODE			for code
73586	1	80	21658-21685-21689-21745



Description

CASE COVER, white painted steel sheet

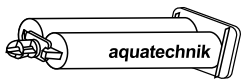
CODE		for code
73558	1	71458
73560	1	71460



Description

HEMP COMPOUND, for safety-pol PPSU fittings

CODE			weight	
			pounds	gr
71370	1	30	0,88	400



Description

SEALANT, for safety-pol fittings

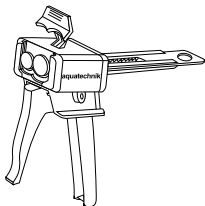
CODE			capacity	
			ounce	ml
71380	1	50	1.69	50



Description

MIXING NOOZLE, for safety-pol fittings

CODE			for code
71382	10	500	71380



Description

DOSING PISTOL, for sealant

CODE		for code
71384	1	71380

Description



LEAK TESTER, to detect air drops

CODE	1	40	capacity	
			ounce	ml
71393	1	40	8.45	250

Description



GREASE, for O-ring

CODE	1	80	weight	
			pounds	g
71391	1	80	0.11	50

Description



KLIPS, brackets for pipe support

CODE	1	2000	for pipe	
			inches	mm
27042 ^Δ	1	2000	½	16-18
27044 ^Δ	1	2000	¾	20-22
27046 ^Δ	1	1500	¾	25-27

Description



PAINT PR 094G/01, protection for PP-R, PPSU and PE-X pipes and fittings, grey

CODE	1	weight	
		pounds	kg
71400 ^Δ	1	2.2	1

Description



THINNER 2001, for paint PR 094G/01 and cleaning before painting

CODE	1	capacity	
		ounce	ml
71405 ^Δ	1	33.81	1000

Description



CLOSING CAP, NPT thread, for plant testing

CODE	10	500	dimension	
			inches	mm
27048U ^Δ	10	500	M½	M½
27050U ^Δ	10	400	M¾	M¾

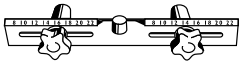
Description



O-RING, for testing cap

CODE	10	for item
		27052 ^Δ
27053 ^Δ	10	27048

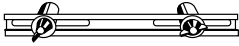
Description



AIR-BUBBLE SPACER, metal, adjustable spacer, extension from 3.15 to 9.45 inches (mm 80 to 240)

CODE			extension	
			inches	mm
27054 ^Δ	1	35	3.15 ~ 9.45	80 ~ 240

Description



SPACER, plastics, adjustable, extension from 3.15 to 9.45 inches (mm 80 to 240)

CODE			extension	
			inches	mm
27056 ^Δ	5	100	3.15 ~ 9.45	80 ~ 240

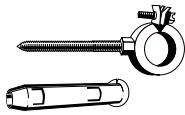
Description



PRE-BORED PLATE, plastics

CODE			for code
			27058 ^Δ

Description

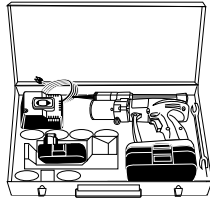


RING CLAMPS, with rubber protection

CODE			dimensions	
			inches	mm
27520 ^Δ	5	150	5/8	20
27525 ^Δ	5	150	7/8	26
27532 ^Δ	5	100	1	32

TOOLS AND ACCESSORIES FOR safety SYSTEM

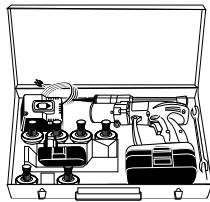
Description



COUPLING TOOL BBS 32, from $\varnothing 1/2$ " to 1" battery, with 2 batteries, battery-recharger, support, wrenches $\varnothing 1/2$ "- $5/8$ "- $7/8$ "-1", elastomeric adapter $\varnothing 1/2$ "- $5/8$ "- $7/8$ "-1"

CODE	📄	dimensions	
		inches	mm
51143U	1	$1/2 \sim 1$	14 ~ 32

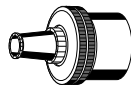
Description



COUPLING TOOL BBS 32, from $\varnothing 1/2$ " to 1", 2 batteries, battery-recharger, support, wrenches $\varnothing 1/2$ "- $5/8$ "- $7/8$ "-1", elastomeric adapter $\varnothing 1/2$ "- $5/8$ "- $7/8$ "-1", splitting wrench, mechanical expanders $\varnothing 1/2$ "- $5/8$ "- $7/8$ "-1", grease for conical pin and carrying case

CODE	📄	dimensions	
		inches	mm
51145U	1	$1/2 \sim 1$	14 ~ 32

Description



MECHANICAL EXPANDER, for BBS 32 - BMC 011, with elastomeric adapter, to use with multilayer pipe

CODE	📄	📦	dimensions		for pipe	
			inches	mm	inches	mm
50702	1	40	$1/2$	16	$1/2$	16
50704	1	40	$5/8$	20	$5/8$	20
50705	1	40	$7/8$	26	$7/8$	26
50706	1	40	1	32	1	32

Description



ELASTOMERIC ADAPTER, spare part for mechanical expander, for BBS 32 - BMC 011

CODE	📄	dimensions		for code
		inches	mm	
50752	10	$1/2$	16	50702
50754	10	$5/8$	20	50704
50755	10	$7/8$	26	50705
50756	10	1	32	50706

Description



GREASE FOR CONICAL PIN, for BBS32 - BMC 011

CODE	📄	weight	
		pounds	g
50825	1	0.11	50

Description



PROTECTION FOR CONICAL PIN, for BBS32 - BMC 011

CODE	📄
50770	1

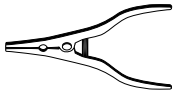
Description



PROTECTION FOR MECHANICAL EXPANDER, for BBS32 - BMC 011

CODE		for code
50772	1	50702-50704-50705-50706

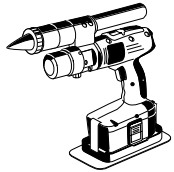
Description



SPLITTING WRENCH, to insert the elastomeric adapters from Ø ¼" to 1"

CODE		for code
50830	1	50752-50754-50755-50756

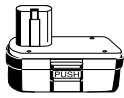
Description



COUPLING TOOL BBS 32, from Ø ¼" to 1", without batteries or accessories

CODE		dimensions	
		inches	mm
51148	1	¼ ~ 1 - 18V	14 ~ 32 - 18V

Description



BATTERY

CODE		for code
50426	1 10	51142 -51143U

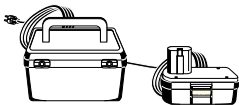
Description



BATTERY CHARGER

CODE		for code
50430U	1 12	51143U

Description



TRANSFORMER 110-18V

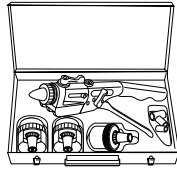
CODE		dimensions	for code
50447U	1	110V -18V	51143U

Description



MANUAL COUPLING TOOL BMM 011, from Ø ½" to 1", for safety, with elastomeric adapters Ø ½"-5/8"-7/8"-1" and carrying case

CODE		dimensions	
		inches	mm
50451	1	½ ~ 1	14 ~ 32



Description

MANUAL COUPLING TOOL BMM 011, from \varnothing 1/2" to 1", for safety, with elastomeric adapters \varnothing 1/2"-5/8"-7/8"-1", mechanical expanders \varnothing 1/2", 5/8" and carrying case

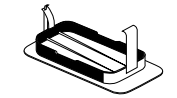
CODE	📄	dimensions	
		inches	mm
50452	1	1/2 ~ 1	14 ~ 32



Description

MANUAL COUPLING TOOL BMM 011, from \varnothing 1/2" to 1", for safety, without accessories and carrying case

CODE	📄	dimensions	
		inches	mm
50454	1	1/2 ~ 1	14 ~ 32



Description

SUPPORT, for BBS 32

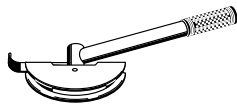
CODE	📄	for code	
		50246	1



Description

PLASTIC WRENCH, spanner for safety locking

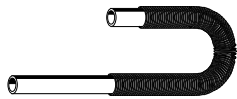
CODE	📄	📦	for fitting	
			inches	mm
50600	1	150	1/2 - 5/8	16 - 20
50602	1	100	7/8 - 1	26 - 32



Description

HAND HELD TOOL, fixed radius

CODE	📄	📦	for pipe	
			inches	mm
51082	1	20	1/2	16
51086	1	20	5/8	20



Description

OUTER PIPE-BENDING SPRING, length 1.5 ft

CODE	📄	📦	for pipe	
			inches	mm
51094	1	40	1/2	16
51098	1	30	5/8	20
51100	1	20	7/8	26



Description

PUNCH MC 1420, to correct the coupling on the multilayer pipe

CODE	📄	dimensions	
		inches	mm
51252	1	1/2	16
51256	1	5/8	20



Description

WORKBENCH

CODE		height		length		width	
		feet	mm	feet	mm	feet	mm
50121	1	2.7	850	2.95	900	1.6	500



Description

PIPE LAYER TR 20, multipurpose truck to: -transport pipe rolls - straighten up to 1640 ft uncoated pipe, pipe Ø ¼ - ¾ - 4⁵/₁₆ - ½ (14-16-18-20 mm) - coated pipe included

CODE		for pipe	
		inches	mm
51205	1	½ - 5/8	16 - 20



Description

CUTTER CM 26, precision shear to cut plastic and multilayer pipes

CODE			for pipe	
			inches	mm
50275	1	30	½ - 5/8	16 - 20



Description

CUTTER CM 40, precision shear to cut plastic and multilayer pipes

CODE			for pipe	
			inches	mm
50277	1	16	½ - 5/8 - 7/8 - 1	16 - 20 - 26 - 32



Description

PIPE CUTTER, to cut plastic and multilayer pipes

CODE			for pipe	
			inches	mm
50288	1	10	5/8 ~ 1	20 ~ 32



Description

ROLLER, for pipe cutter

CODE		for code
50293	1	50288



Description

BLADE, for shear

CODE		for code
50302	1	50275
50304	1	50277



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