

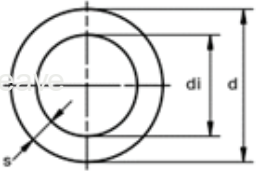
Products	PP-R Pipes – Bars with plain ends	 Image
Material	PP-R (Polypropylene-Random)	
Standard / Compliance	EN ISO 15874 Plastic piping systems for hot and cold water installations – Polypropylene ,DIN 8077/ 8078 , SKZ guidelines, BS6920	
Appearance	The internal and external surfaces of pipes shall be smooth, clean and free from scoring, cavities, and other surface irregularities.	
Color	Green	
Length	4 m (Standard length)	
Thermal conductivity λ	0,24 W m/ K	
Density of material	905 kg/ m ³	
Coefficient of linear expansion α	0,15 mm/ mK	
Fire behavior classification	DIN 4102: B2 , EN 13501-1: E	
Connection technology	Socket fusion according DVS 2207-11	
Field of application	Hot and cold water, Potable water, Compressed air	
Working conditions	Admissible working pressure for domestic installation (Medium Water): SDR6 :- 20°C/ 30 bar 70°C/ 10 bar SDR7,4 : 20°C/24 bar 70°C/8 bar	Table – 1 Ref. 
Key features	Homogenous uniform fusion connection Corrosion free Easy and lightweight handling High thermal stability Halogen and plasticizer-free High chemical resistance Low pipe roughness: excellent flow properties which remain constant throughout the service life Sound and thermal insulation properties	

Table – 1 Dimension details

Item No.	Description	Outer diameter	Wall thickness	Inner diameter	Water content	Weight	Packing unit
		(d) mm	(s) mm	(di) mm	l/m	kg/m	m
112020	PP-R Pipe 20x2,8mm - SDR7,4 - 4m	20	3,4	13,2	0,14	0,17	100
112025	PP-R Pipe 25x3,5mm - SDR7,4 - 4m	25	4,2	16,6	0,22	0,27	60
112032	PP-R Pipe 32x4,4mm - SDR7,4 - 4m	32	5,4	21,2	0,35	0,43	40
112040	PP-R Pipe 40x5,5mm - SDR7,4 - 4m	40	6,7	26,6	0,56	0,67	20
112050	PP-R Pipe 50x6,9mm - SDR7,4 - 4m	50	8,3	33,4	0,87	1,04	20
111020	PP-R Pipe 20x3,4mm - SDR6 - 4m	20	2,8	14,4	0,16	0,15	100
111025	PP-R Pipe 25x4,2mm - SDR6 - 4m	25	3,5	18,0	0,25	0,23	60
111032	PP-R Pipe 32x5,4mm - SDR6 - 4m	32	4,4	23,2	0,42	0,37	40
111040	PP-R Pipe 40x6,7mm - SDR6 - 4m	40	5,5	29,0	0,66	0,58	20
111050	PP-R Pipe 50x8,3mm - SDR6 - 4m	50	6,9	36,2	1,03	0,90	20

Products	PP-R Fittings
Material	PP-R (Polypropylene-Random), Brass (Thread)
Standard / Compliance	EN ISO 15874 Plastic piping systems for hot and cold water installations – Polypropylene SKZ guidelines BS6920
Appearance	The internal and external surfaces of fittings shall be smooth, clean and free from scoring, cavities, and other surface irregularities.
Color	Green
Thermal conductivity λ	0,24 W m/ K
Density of material	905 kg/ m ³
Fire behaviour classification	DIN 4102: B2 EN 13501-1: E
Connection technology	Socket fusion according DVS 2207-11
Field of application	Hot and cold water Potable water Compressed air
Operating range	Terratherm pipes SDR6, SDR7,4
Key features	Homogenous uniform fusion connection Corrosion free High quality fittings High flow rate: smooth internal surface and wide inner diameter. Low friction High thermal stability Halogen and plasticizer-free High chemical resistance Sound and thermal insulation properties

Images



Item No.	Description	Packing unit bag	Packing unit carton
		pcs.	pcs.
130120	Elbow 90° 20mm	10	500
130125	Elbow 90° 25mm	10	300
130132	Elbow 90° 32mm	10	150
130140	Elbow 90° 40mm	5	100
130150	Elbow 90° 50mm	5	50
130320	Elbow 45° 20mm	10	200
130325	Elbow 45° 25mm	10	150
130332	Elbow 45° 32mm	10	100
130340	Elbow 45° 40mm	5	50
130350	Elbow 45° 50mm	5	25
130820	Tee 20mm	10	300
130825	Tee 25mm	10	200
130832	Tee 32mm	5	100
130840	Tee 40mm	5	30
130850	Tee 50mm	2	30
130925	Tee reduced 32x25mm	5	120
130927	Tee reduced 40x32mm	5	80
130520	Socket 20mm	10	600
130525	Socket 25mm	10	400
130532	Socket 32mm	10	250
130540	Socket 40mm	5	170
130550	Socket 50mm	5	100
141125	Cross over 25mm	5	80
130621	Reducer 25x20mm	10	300
130623	Reducer 32x25mm	10	200
130625	Reducer 40x32mm	5	200
130627	Reducer 50x40mm	5	150
140521	Female Elbow 20mmx1/2"	10	150
140523	Female Elbow 25mmx1/2"	10	120
140525	Female Elbow 32mmx1"	5	40
140423	Male Elbow 25mmx1/2"	10	100
140123	Male Socket 25mmx1/2"	10	100
140124	Male Socket 25mmx3/4"	10	100
140125	Male Socket 32mmx1"	5	50
140127	Male Socket 40mmx1 1/4"	5	30
140128	Male Socket 50mmx1 1/2"	5	20
140221	Femal Socket 20mmx1/2"	10	130
140223	Femal Socket 25mmx1/2"	10	130
140224	Femal Socket 25mmx3/4"	10	100
140225	Femal Socket 32mmx1"	5	50
140227	Femal Socket 40mmx1 1/4"	5	30
140228	Femal Socket 50mmx1 1/2"	5	25
140623	Female Tee 25mmx1/2"	10	80
140625	Female Tee 32mmx1"	5	30
140925	Male union brass 32mmx1"	1	40
141225	Female union brass 32mmx1"	1	20
141227	Female union brass 40mmx1 1/4"	1	15
141228	Female union brass 50mmx1 1/2"	1	15
150440	Ball valve 40mm	1	10
150125	Stop valve body 25mm	5	50
150132	Stop valve body 32mm	5	30
146110	Concealed valve upper part 3/4"	1	40
146170	Concealed valve upper part 1"	1	40
150525	Gate valve 25mm	5	40
150532	Gate valve 32mm	5	25