



PIPE ISO-UNI

PVC-U

PRESSURE PIPE



PIPE ISO-UNI

Pipes under pressure with cold chemical weld jointing systems (solvent welding) using suitable solvent cement WELD-ON and primer-cleaner.

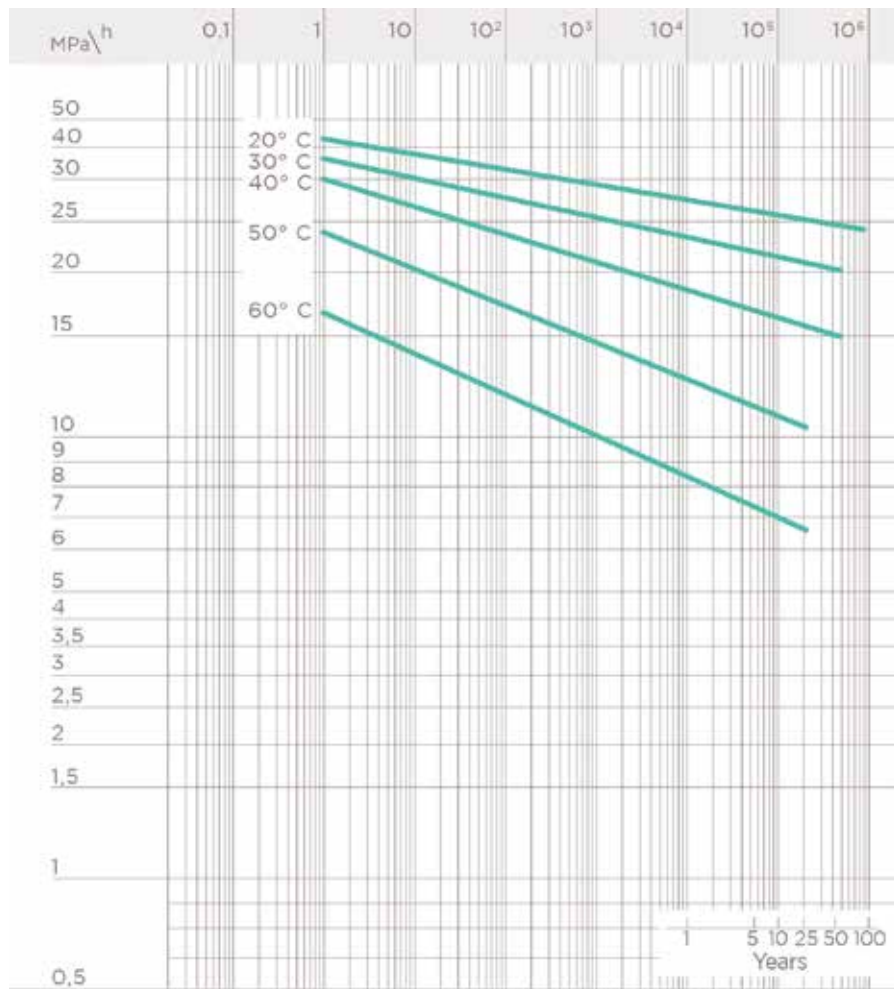
PRESSURE PIPE

Technical specifications	
Size range	d 16 ÷ d 315 (mm)
Nominal pressure	PN16 with water at 20° C PN10 with water at 20° C
Temperature range	0 °C ÷ 60 °C
Coupling standards	Solvent welding: EN ISO 15493, EN ISO 1452, DIN 8061/62
Reference standards	Construction criteria: EN ISO 15493, EN ISO 1452, DIN 8061/62 Test methods and requirements: EN ISO 15493, EN ISO 1452, DIN 8061/62 Installation criteria: DVS 2204, DVS 2221, UNI 11242 EN ISO 1452, DIN 8061/62
Material	PVC-U dark grey RAL 7011

TECHNICAL DATA

REGRESSION CURVE FOR PVC-U PIPE

Regression coefficients according to EN ISO 1452 and EN ISO 15493 for MRS (minimum required strength) values = 25 N/mm² (MPa) (classification PVC-U 250).



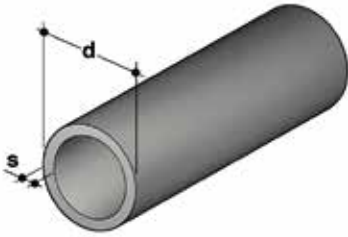
PRESSURE VARIATION ACCORDING TO TEMPERATURE

For water and non-hazardous fluids for which the material is classified as CHEMICALLY RESISTANT (life expectancy 25 years). In other cases, a reduction of the nominal pressure PN is required.



The information in this leaflet is provided in good faith. No liability will be accepted concerning technical data that is not directly covered by recognised international standards. FIP reserves the right to carry out any modification. Products must be installed and maintained by qualified personnel.

DIMENSIONS



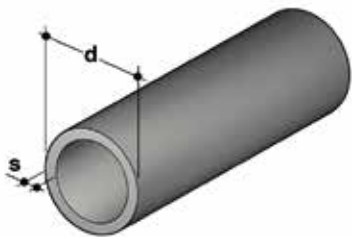
PRESSURE PIPE

PVC-U pressure pipe according to standard EN ISO 1452, dark gray RAL 7011, standard length 5m

d	S mm	kg/m	PN 16 *SDR 11 - SDR 13,6 - SDR 17 Code
16	1,5	0,109	PIPEV11016
20	1,5	0,140	PIPEV13020
25	1,9	0,216	PIPEV13025
32	2,4	0,351	PIPEV13032
40	3,0	0,539	PIPEV13040
50	3,7	0,831	PIPEV13050
63	4,7	1,323	PIPEV13063
75	5,6	1,877	PIPEV13075
90	6,7	2,681	PIPEV13090
110	6,6	3,289	PIPEV17110
125	7,4	4,194	PIPEV17125
140	8,3	5,265	PIPEV17140
160	9,5	6,872	PIPEV17160

*SDR 11: PN 20

d	S mm	kg/m	PN 10 SDR 21 - SDR 26 Code
32	1,6	0,246	PIPEV21032
40	1,9	0,360	PIPEV21040
50	2,4	0,567	PIPEV21050
63	3,0	0,878	PIPEV21063
75	3,6	1,258	PIPEV21075
90	4,3	1,798	PIPEV21090
110	4,2	2,175	PIPEV26110
125	4,8	2,800	PIPEV26125
140	5,4	3,533	PIPEV26140
160	6,2	4,632	PIPEV26160
180	6,9	5,774	PIPEV26180
200	7,7	7,160	PIPEV26200
225	8,6	8,996	PIPEV26225
250	9,6	11,167	PIPEV26250
280	10,7	13,961	PIPEV26280
315	12,1	17,817	PIPEV26315



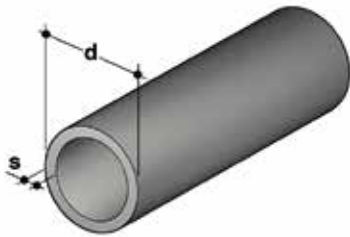
PRESSURE PIPE

PVC-U pressure pipe according to standards EN ISO 15493 and DIN 8061/8062, dark gray RAL 7011, standard length 5m

d	S mm	kg/m	PN 16 *SDR 11 - SDR 13,6 Code
16	1,5	0,109	PIPEV11016
20	1,5	0,140	PIPEV13020
25	1,9	0,216	PIPEV13025
32	2,4	0,351	PIPEV13032
40	3,0	0,539	PIPEV13040
50	3,7	0,831	PIPEV13050
63	4,7	1,323	PIPEV13063
75	5,6	1,877	PIPEV13075
90	6,7	2,681	PIPEV13090
110	8,1	3,940	PIPEV13110
125	9,2	5,070	PIPEV13125
140	10,3	6,563	PIPEV13140
160	11,8	8,563	PIPEV13160

*SDR 11: PN 20

d	S mm	kg/m	PN10 SDR 21 Code
32	1,6	0,246	PIPEV21032
40	1,9	0,360	PIPEV21040
50	2,4	0,567	PIPEV21050
63	3	0,878	PIPEV21063
75	3,6	1,258	PIPEV21075
90	4,3	1,798	PIPEV21090
110	5,3	2,670	PIPEV21110
125	6	3,410	PIPEV21125
140	6,7	4,412	PIPEV21140
160	7,7	5,780	PIPEV21160
180	8,6	7,462	PIPEV21180
200	9,6	8,990	PIPEV21200
225	10,8	11,356	PIPEV21225
250	11,9	13,892	PIPEV21250
280	13,4	17,529	PIPEV21280
315	15	22,020	PIPEV21315



PRESSURE PIPE

PVC-U pressure pipe according to standards NF and CSTB NF055, dark gray RAL 7011, standard length 5m

d	S mm	kg/m	PN 16 SDR 13,6 - SDR 15 - SDR 17 Code
32	2,4	0,351	PIPEV13032
40	3,0	0,539	PIPEV13040
50	3,7	0,831	PIPEV13050
63	4,7	1,323	PIPEV13063
75	5,6	1,877	PIPEV13075
90	6,7	2,681	PIPEV13090
110	8,1	3,940	PIPEV13110
125	9,2	5,070	PIPEV13125
140	9,3	5,860	PIPEV15140
160	9,5	6,872	PIPEV17160

d	S mm	kg/m	PN 10 SDR 21 - SDR 23 - SDR 26 Code
63	3,0	0,878	PIPEV21063
75	3,6	1,258	PIPEV21075
90	4,3	1,798	PIPEV21090
110	5,3	2,670	PIPEV21110
125	6,0	3,410	PIPEV21125
140	6,1	3,940	PIPEV23140
160	6,2	4,632	PIPEV26160
180	6,9	5,774	PIPEV26180
200	7,7	7,160	PIPEV26200
225	8,6	8,996	PIPEV26225
250	9,6	11,167	PIPEV26250
315	12,1	17,817	PIPEV26315