

## PVC-U Schedule 80 Pressure Pipe (6M length)

Colour: Grey

Sizes: 14" & 16" available on request



SIZE		CODE	I.D. mm	O.D. mm
6 mm	1/4"	<b>8008 002</b>	7.3	13.7
10 mm	3/8"	<b>8008 003</b>	10.3	17.2
15 mm	1/2"	<b>8008 005</b>	13.4	21.4
20 mm	3/4"	<b>8008 007</b>	18.4	26.8
25 mm	1"	<b>8008 010</b>	23.6	33.6
32 mm	1.25"	<b>8008 012</b>	31.3	42.3
40 mm	1.5"	<b>8008 015</b>	37.2	48.7
50 mm	2"	<b>8008 020</b>	48.0	60
65 mm	2.5"	<b>8008 025</b>	58.0	72.7
80 mm	3"	<b>8008 030</b>	72.5	89
100 mm	4"	<b>8008 040</b>	95	114.0
155 mm	6"	<b>8008 060</b>	141.8	167.5
195 mm	8"	<b>8008 080</b>	192.2	219.1
250 mm	10"	<b>8008 100</b>	241	273
300 mm	12"	<b>8008 120</b>	287	324

PVC.1

## PVC-U Schedule 80 Pressure Pipe (6M length)

### Pressure Rating of Pipe at Service Temperature (bar)

▲ Molded or cut threads are rated at 50% of solvent cemented systems

▲ Flanges are 10 bar

SIZE		23°C	32°C	38°C	43°C	49°C	54°C	60°C
15 mm	1/2"	55.427	43.820	36.241	29.214	23.357	17.570	12.884
20 mm	3/4"	47.403	35.552	29.351	23.702	18.948	14.193	10.404
25 mm	1"	43.407	32.590	26.871	21.704	17.363	13.022	9.577
32 mm	1.25"	35.828	26.871	22.186	17.914	14.331	10.748	7.855
40 mm	1.5"	32.452	24.322	20.119	16.192	12.953	9.715	7.166
50 mm	2"	27.836	20.877	17.294	13.918	11.162	8.337	6.132
65 mm	2.5"	29.283	21.979	18.121	14.607	11.713	8.750	6.408
80 mm	3"	25.838	19.361	16.054	12.953	10.335	7.786	5.719
100 mm	4"	22.324	16.743	13.849	11.162	8.957	6.683	4.892
155 mm	6"	19.223	14.400	11.920	9.646	7.717	5.788	4.203
195 mm	8"	16.949	12.747	10.542	8.475	6.752	5.099	3.721

- 1 Figures for pressure rating at 23°C are rounded off from actual calculated values.

Pressure ratings for other temperatures are calculated from 23°C values

- 2 Pressure rating values are for PVC ( 12454-B ) pipe and for most values are calculated from the experimentally determined long term strength of PVC1 extrusion compounds

Because moulding compounds may differ in long term strength and elevated temperature properties from pipe compounds, piping systems consisting of extruded pipe and moulding fittings may have lower pressure ratings than those shown here, particularly at the higher temperatures. Caution should be exercised when designing PVC systems operating above 40°C.

PVC.1