

### SDR33/S-16/PN10

Size	Wall (mm)	kg/m	Code	Price/m
20	-	-	-	-
25	-	-	-	-
32	-	-	-	-
40	-	-	-	-
50	-	-	-	-
63	2.5	0.93	30 705 0063 33	79.36
75	2.5	1.11	30 705 0075 33	94.71
90	2.8	1.48	30 705 0090 33	126.26
110	3.4	2.20	30 705 0110 33	188.06
125	3.9	2.84	30 705 0125 33	242.63
140	4.3	3.52	30 705 0140 33	300.89
160	4.9	4.54	30 705 0160 33	422.55
180	5.5	5.74	30 705 0180 33	534.65
200	6.2	7.19	30 705 0200 33	669.59
225	6.9	8.95	30 705 0225 33	833.30
250	7.7	11.10	30 705 0250 33	1032.40
280	8.6	13.90	30 705 0280 33	1290.51
315	9.7	17.60	30 705 0315 33	1632.68
355	10.8	22.00	30 705 0355 33	2047.12
400	12.2	28.00	30 705 0400 33	2607.57

### SDR21/S-10/PN16

Wall (mm)	kg/m	Code	Price/m
1.9	0.21	30 705 0020 21	17.99
1.9	0.27	30 705 0025 21	23.00
2.4	0.44	30 705 0032 21	37.62
2.4	0.55	30 705 0040 21	47.07
3.0	0.85	30 705 0050 21	72.72
3.0	1.09	30 705 0063 21	93.06
3.6	1.55	30 705 0075 21	132.30
4.3	2.22	30 705 0090 21	189.54
5.3	3.32	30 705 0110 21	283.17
6.0	4.24	30 705 0125 21	362.09
6.7	5.31	30 705 0140 21	452.77
7.7	6.96	30 705 0160 21	647.47
8.6	8.74	30 705 0180 21	814.14
9.6	10.83	30 705 0200 21	999.96
10.8	13.67	30 705 0225 21	1272.81
11.9	16.73	30 705 0250 21	1557.46
13.4	21.11	30 705 0280 21	1985.17
-	-	-	-
-	-	-	-
-	-	-	-



Standard length 5m

Please note that a transportation surcharge may be applied on pipe diameters 250mm or larger - please enquire for details

## Pipework Support

PVDF pipework requires more support than for metallic systems. As working temperature increases, the distance between the supports is reduced

PN10 Pipe Size	Support Centres/m			
	20°C	60°C	100°C	140°C
16	0.85	0.75	0.65	0.55
20	0.95	0.80	0.70	0.60
25	1.00	0.90	0.80	0.70
32	1.10	0.95	0.85	0.75
40	1.25	1.10	0.95	0.80
50	1.40	1.20	1.10	0.95
63	1.50	1.30	1.15	1.00
75	1.65	1.40	1.25	1.10
90	1.80	1.55	1.35	1.20
110	2.00	1.75	1.55	1.30

## Temperature De-Rating Factors

Pressure ratings for PVDF pipework systems are always quoted at 20°C. As working temperature increases, the maximum working pressure decreases by the factor indicated.

For short term operating temperatures not listed, please enquire.

Working Temperature (°C)	Pressure De-Rating Factor
20	1.00
30	0.90
40	0.82
50	0.74
60	0.66
70	0.56
80	0.51
90	0.44
100	0.39
110	0.34
120	0.29
130	0.24
140	0.19



### PVDF for Ultra Pure Liquids

High purity PVDF pipes and fittings are also available for ultrapure applications. See separate section.

## HPF Electrofusion Socket



Size	Code	Price
20	35 073 0020 21	11.98
25	35 073 0025 21	12.88
32	35 073 0032 21	13.79
40	35 073 0040 21	15.04
50	35 073 0050 21	16.08
63	35 073 0063 21	20.65



HPF 400 Electrofusion Welding Equipment - available for sale or hire.

## AutoCad Software

AGRU CAD software is developed to run under AutoCad R12-DOS, R13-Windows, R14-Windows and Windows 2000

It is specifically produced to design plastic piping systems.

There are several unique features:-

- Drawing on centre lines (products centred automatically)
- Parts list generation
- Prefab parts list (pipe cutting lengths are shown)
- Automatic calculation of expansion loops

AGRU CAD contains the full AGRU range in PP, PVDF and ECTFE.



## Pipe Availability

We typically hold over

**120 miles of pipe**

in stock for immediate despatch

