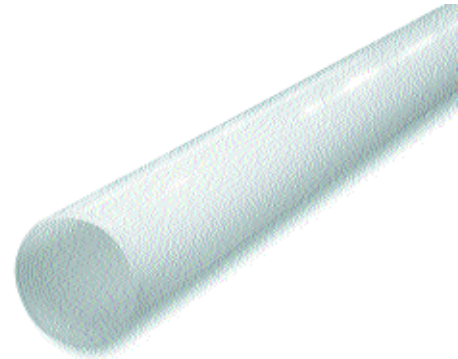


### SDR33/S-16/PN10

Size	Wall (mm)	kg/m	Code	Price/m
20	-	-	-	-
25	-	-	-	-
32	-	-	-	-
40	-	-	-	-
50	-	-	-	-
63	2.5	0.93	30 705 0063 33	73.48
75	2.5	1.11	30 705 0075 33	87.69
90	2.8	1.48	30 705 0090 33	116.91
110	3.4	2.20	30 705 0110 33	174.13
125	3.9	2.84	30 705 0125 33	224.66
140	4.3	3.52	30 705 0140 33	278.60
160	4.9	4.54	30 705 0160 33	391.25
180	5.5	5.74	30 705 0180 33	495.05
200	6.2	7.19	30 705 0200 33	619.99
225	6.9	8.95	30 705 0225 33	771.57
250	7.7	11.10	30 705 0250 33	955.93
280	8.6	13.90	30 705 0280 33	1194.92
315	9.7	17.60	30 705 0315 33	1511.74
355	10.8	22.00	30 705 0355 33	1895.48
400	12.2	28.00	30 705 0400 33	2414.42

### SDR21/S-10/PN16

Wall (mm)	kg/m	Code	Price/m
1.9	0.21	30 705 0020 21	16.66
1.9	0.27	30 705 0025 21	21.30
2.4	0.44	30 705 0032 21	34.83
2.4	0.55	30 705 0040 21	43.58
3.0	0.85	30 705 0050 21	67.33
3.0	1.09	30 705 0063 21	86.17
3.6	1.55	30 705 0075 21	122.50
4.3	2.22	30 705 0090 21	175.50
5.3	3.32	30 705 0110 21	262.19
6.0	4.24	30 705 0125 21	335.27
6.7	5.31	30 705 0140 21	419.23
7.7	6.96	30 705 0160 21	599.51
8.6	8.74	30 705 0180 21	753.83
9.6	10.83	30 705 0200 21	925.89
10.8	13.67	30 705 0225 21	1178.53
11.9	16.73	30 705 0250 21	1442.09
13.4	21.11	30 705 0280 21	1838.12
-	-	-	-
-	-	-	-
-	-	-	-



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	11.19
25	35 073 0025 21	11.53
32	35 073 0032 21	12.77
40	35 073 0040 21	13.93
50	35 073 0050 21	14.89
63	35 073 0063 21	19.12



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

