

SDR33/S-16/PN10

SDR21/S-10/PN16

| Size | Wall (mm) | kg/m | Code | Price/m | Wall (mm) | kg/m | Code | Price/m |
|------|-----------|-------|----------------|---------|-----------|-------|----------------|---------|
| 20 | - | - | - | - | 1.9 | 0.21 | 30 705 0020 21 | 20.82 |
| 25 | - | - | - | - | 1.9 | 0.27 | 30 705 0025 21 | 26.63 |
| 32 | - | - | - | - | 2.4 | 0.44 | 30 705 0032 21 | 43.55 |
| 40 | - | - | - | - | 2.4 | 0.55 | 30 705 0040 21 | 54.48 |
| 50 | - | - | - | - | 3.0 | 0.85 | 30 705 0050 21 | 84.19 |
| 63 | 2.5 | 0.93 | 30 705 0063 33 | 91.88 | 3.0 | 1.09 | 30 705 0063 21 | 107.73 |
| 75 | 2.5 | 1.11 | 30 705 0075 33 | 109.64 | 3.6 | 1.55 | 30 705 0075 21 | 153.16 |
| 90 | 2.8 | 1.48 | 30 705 0090 33 | 146.16 | 4.3 | 2.22 | 30 705 0090 21 | 219.42 |
| 110 | 3.4 | 2.20 | 30 705 0110 33 | 217.70 | 5.3 | 3.32 | 30 705 0110 21 | 327.81 |
| 125 | 3.9 | 2.84 | 30 705 0125 33 | 280.88 | 6.0 | 4.24 | 30 705 0125 21 | 419.16 |
| 140 | 4.3 | 3.52 | 30 705 0140 33 | 348.32 | 6.7 | 5.31 | 30 705 0140 21 | 524.14 |
| 160 | 4.9 | 4.54 | 30 705 0160 33 | 489.15 | 7.7 | 6.96 | 30 705 0160 21 | 749.52 |
| 180 | 5.5 | 5.74 | 30 705 0180 33 | 618.92 | 8.6 | 8.74 | 30 705 0180 21 | 942.47 |
| 200 | 6.2 | 7.19 | 30 705 0200 33 | 775.13 | 9.6 | 10.83 | 30 705 0200 21 | 1157.58 |
| 225 | 6.9 | 8.95 | 30 705 0225 33 | 964.66 | 10.8 | 13.67 | 30 705 0225 21 | 1473.43 |
| 250 | 7.7 | 11.10 | 30 705 0250 33 | 1195.13 | 11.9 | 16.73 | 30 705 0250 21 | 1802.96 |
| 280 | 8.6 | 13.90 | 30 705 0280 33 | 1493.93 | 13.4 | 21.11 | 30 705 0280 21 | 2298.08 |
| 315 | 9.7 | 17.60 | 30 705 0315 33 | 1890.03 | - | - | - | - |
| 355 | 10.8 | 22.00 | 30 705 0355 33 | 2369.80 | - | - | - | - |
| 400 | 12.2 | 28.00 | 30 705 0400 33 | 3018.59 | - | - | - | - |



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 |

This data is provided for guidance only. For specific projects please contact our technical department

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 | 14.19 |
| 25 | 35 073 0025 21 | 14.91 |
| 32 | 35 073 0032 21 | 15.96 |
| 40 | 35 073 0040 21 | 17.41 |
| 50 | 35 073 0050 21 | 18.61 |
| 63 | 35 073 0063 21 | 23.90 |



HPF 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

195,000 metres of pipe

in stock for immediate despatch

