



PBH ELETEMP / 2SN

STANDARDS: PIX PROPRIETARY. EN 853 1SN FOR DIMENSIONAL & PRESSURE REFERENCE



Application:

Medium to high pressure hydraulic lines. Suitable for petroleum based hydraulic fluids, synthetic esters, biodegradable hydraulic fluids, water glycol based fluids at 135°C.

Special Features:

Superior impulse performance of 300,000 cycles. Good weather and ozone resistance. Suitable at high ambient of ~100°C. Service temperature can go intermittently up to 150°C.

| Product Code | Dash | DN | Hose ID (inch) | Hose ID (mm) | Braid OD (mm) | Hose OD (mm) | Maximum Working Pressure | | | Minimum Burst Pressure | | | Minimum Bend Radius (mm) | Weight/Meter (Kg/mtr) | Recommended Ferrule |
|--------------|------|----|----------------|--------------|---------------|--------------|--------------------------|-----|------|------------------------|-----|-------|--------------------------|-----------------------|---------------------|
| | | | | | | | MPa | bar | psi | MPa | bar | psi | | | |
| TH106 | -4 | 6 | 1/4 | 6.4 | 11.1 | 13.2 | 22.5 | 225 | 3263 | 90.0 | 900 | 13050 | 100 | 0.230 | PF 22 06 |
| TH108 | -5 | 8 | 5/16 | 7.9 | 12.7 | 15.0 | 21.5 | 215 | 3118 | 86.0 | 860 | 12470 | 115 | 0.280 | PF 22 08 |
| TH110 | -6 | 10 | 3/8 | 9.5 | 15.1 | 17.3 | 18.0 | 180 | 2610 | 72.0 | 720 | 10440 | 125 | 0.355 | PF 22 10 |
| TH112 | -8 | 12 | 1/2 | 12.7 | 18.3 | 20.6 | 16.0 | 160 | 2320 | 64.0 | 640 | 9280 | 180 | 0.415 | PF 22 12 |
| TH116 | -10 | 16 | 5/8 | 15.9 | 21.4 | 23.9 | 13.0 | 130 | 1885 | 52.0 | 520 | 7540 | 205 | 0.525 | PF 22 16 |
| TH119 | -12 | 19 | 3/4 | 19.0 | 25.4 | 27.6 | 10.5 | 105 | 1523 | 42.0 | 420 | 6090 | 240 | 0.650 | PF 22 19 |
| TH125 | -16 | 25 | 1 | 25.4 | 33.3 | 35.3 | 9.0 | 90 | 1305 | 36.0 | 360 | 5220 | 300 | 1.010 | PF 22 25 |
| TH131 | -20 | 31 | 1-1/4 | 31.8 | 40.5 | 43.2 | 6.3 | 63 | 914 | 25.2 | 252 | 3654 | 420 | 1.290 | PF 22 31 |
| TH138 | -24 | 38 | 1-1/2 | 38.1 | 46.8 | 50.7 | 5.0 | 50 | 725 | 20.0 | 200 | 2900 | 500 | 1.665 | PF 22 38 |
| TH151 | -32 | 51 | 2 | 50.8 | 60.2 | 64.2 | 4.0 | 40 | 580 | 16.0 | 160 | 2320 | 630 | 2.315 | PF 22 51 |

Working Temperature: - 40°C to +135°C

Note: 1MPa = 10 bar = 145 psi. Available in standard high temperature Black cover (Blue MSHA cover can be provided on request)

** For Recommended Ferrule code please e-mail us at techsupport@pixtrans.com.