



## PBH - ECLIPSE / K

**STANDARDS:** PIX PROPRIETARY. EXCEEDS PRESSURE RATING OF EN 857 1SC



### Application:

Suitable to carry petroleum based hydraulic fluids such as mineral oils, fuels, hydrocarbons and glycol water based fluids at high pressure.

### Special Features:

Working pressure exceeds EN 857 1SC standard. Good flexibility with low bend radius for complex high pressure hydraulic circuits. Validated for 300,000 impulse cycles.

| 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   |                          |                       |                     |
| BK106        | -4 6    | 1/4            | 6.4          | 10.5          | 12.5         | 28.0                     | 280 | 4000 | 112.0                  | 1120 | 16000 | 50                       | 0.209                 | PF 23 06            |
| BK108        | -5 8    | 5/16           | 7.9          | 11.5          | 13.5         | 25.0                     | 250 | 3625 | 100.0                  | 1000 | 14500 | 60                       | 0.215                 | PF 23 08            |
| BK110        | -6 10   | 3/8            | 9.5          | 13.7          | 15.7         | 22.5                     | 225 | 3263 | 90.0                   | 900  | 13050 | 75                       | 0.260                 | PF 23 10            |
| BK112        | -8 12   | 1/2            | 12.7         | 17.0          | 19.0         | 19.0                     | 190 | 2755 | 76.0                   | 760  | 11020 | 90                       | 0.325                 | PF 23 12            |
| BK116        | -10 16  | 5/8            | 15.9         | 21.5          | 23.5         | 15.0                     | 150 | 2175 | 60.0                   | 600  | 8700  | 125                      | 0.405                 | PF 22 16            |
| BK119        | -12 19  | 3/4            | 19.0         | 25.5          | 27.5         | 15.0                     | 150 | 2175 | 60.0                   | 600  | 8700  | 150                      | 0.580                 | PF 22 19            |
| BK125        | -16 25  | 1              | 25.4         | 33.5          | 35.5         | 11.0                     | 110 | 1595 | 44.0                   | 440  | 6380  | 200                      | 0.830                 | PF 22 25            |

**Working Temperature:** - 40°C to +100°C (Continuous)

**Intermittent Temperature:** - 40°C to +120°C (10% of total working hours)

**Note:** 1MPa = 10 bar = 145 psi

For air application (Temp. max 70°C) & pressure above 17 bar cover must be pin pricked. Special MSHA approved flame resistant outer cover can be provided on request.

\*\* For Recommended Ferrule code please e-mail us at [techsupport@pixtrans.com](mailto:techsupport@pixtrans.com).