

## PBH - BENDTITE

**STANDARDS:** EN 857 2SC, SAE 100 R16S, ISO 11237-1



### Application:

Medium to high pressure hydraulic lines. Suitable for petroleum based hydraulic fluids, synthetic esters, biodegradable hydraulic fluids, water-glycol based fluids and air.

### Special Features:

Qualified for double impulse cycles (400,000 cycles) to relevant standards-EN 8572SC / ISO 11237-1. Compact design results good flexibility. Less MBR for short assembly length and narrow installation compared to 2SN series.

| 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   |                          |                       |                     |
| PK206        | -4   | 6  | 1/4            | 6.4          | 11.4          | 13.5         | 40.0                     | 400 | 5800 | 160.0                  | 1600 | 23200 | 50                       | 0.305                 | PF 22 06            |
| PK208        | -5   | 8  | 5/16           | 7.9          | 13.0          | 15.0         | 35.0                     | 350 | 5000 | 140.0                  | 1400 | 20000 | 55                       | 0.345                 | PF 22 08            |
| PK210        | -6   | 10 | 3/8            | 9.5          | 15.1          | 17.1         | 33.0                     | 330 | 4785 | 132.0                  | 1320 | 19140 | 65                       | 0.420                 | PF 22 10            |
| PK212        | -8   | 12 | 1/2            | 12.7         | 18.3          | 20.5         | 27.5                     | 275 | 3988 | 110.0                  | 1100 | 15950 | 80                       | 0.520                 | PF 22 12            |
| PK216        | -10  | 16 | 5/8            | 15.9         | 21.5          | 23.5         | 25.0                     | 250 | 3625 | 100.0                  | 1000 | 14500 | 90                       | 0.620                 | PF 22 16            |
| PK219        | -12  | 19 | 3/4            | 19.0         | 25.5          | 27.5         | 21.5                     | 215 | 3118 | 86.0                   | 860  | 12470 | 120                      | 0.855                 | PF 22 19            |
| PK225        | -16  | 25 | 1              | 25.4         | 33.5          | 35.5         | 16.5                     | 165 | 2393 | 66.0                   | 660  | 9570  | 150                      | 1.110                 | PF 22 25            |
| PK231        | -20  | 31 | 1-1/4          | 31.8         | 41.0          | 43.5         | 12.5                     | 125 | 1813 | 50.0                   | 500  | 7250  | 210                      | 1.470                 | **                  |

**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).