

PBH ISOELITE / 21

STANDARDS: SAE 100 R17



Application:

Wide range of pressure with the condensed product range specially for Mobile van application. Suitable for petroleum based hydraulic fluids, synthetic esters, biodegradable hydraulic fluids, water-glycol based fluids.

Special Features:

High flexibility, Constant working pressure rating irrespective of size for easy selection. Low bend radius combined with good flexibility for narrow space applications.

| 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 | | | |
| OT10621 | -4 | 6 | 1/4 | 6.4 | 10.2 | 12.4 | 21.0 | 210 | 3000 | 84.0 | 840 | 12000 | 50 | 0.190 | PF 23 06 |
| OT10821 | -5 | 8 | 5/16 | 7.9 | 12.0 | 14.2 | 21.0 | 210 | 3000 | 84.0 | 840 | 12000 | 55 | 0.224 | PF 23 08 |
| OT11021 | -6 | 10 | 3/8 | 9.5 | 14.2 | 16.2 | 21.0 | 210 | 3000 | 84.0 | 840 | 12000 | 65 | 0.281 | PF 23 10 |
| OT11221 | -8 | 12 | 1/2 | 12.7 | 17.8 | 20.3 | 21.0 | 210 | 3000 | 84.0 | 840 | 12000 | 90 | 0.450 | PF 23 12 |
| OT21621 | -10 | 16 | 5/8 | 15.9 | 22.1 | 24.0 | 21.0 | 210 | 3000 | 84.0 | 840 | 12000 | 100 | 0.630 | PF 22 16 |
| OT21921 | -12 | 19 | 3/4 | 19.0 | 25.5 | 29.0 | 21.0 | 210 | 3000 | 84.0 | 840 | 12000 | 120 | 0.911 | PF 22 19 |
| OT22521 | -16 | 25 | 1 | 25.4 | 34.5 | 37.8 | 21.0 | 210 | 3000 | 84.0 | 840 | 12000 | 150 | 1.541 | PF 22 25 |

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

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

Impulse Performance: 400000 cycles.

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.