

PH177 - SAE 100 R12

Applicable Standard : SAE J517 - 100R12 / EN 856 - R12 / ISO 3862



Construction

- Inner tube** Black colour, Synthetic rubber resistant to oil and water
- Reinforcement** Four high tensile steel wire spiral
- Cover** Black colour, Synthetic rubber resistant to abrasion and weather, oil & ozone
- Application** Heavy duty high temperature medium pressure hydraulic lines 175 to 280 bar and hydrostatic transmission lines for use with petroleum, synthetic or water based fluids in Hydraulic systems. Suitable for Earthmoving, Material handling equipment and machineries / systems

| Cover Options |
|-----------------------|
| PH177 : MSHA |
| PH187 : HARDX MSHA |
| PH285 : ABRAZONX MSHA |

| Item Code | Dash Size | DN | ID | | RI OD | | OD | | WP | | BP | | BR/r | | W |
|-----------|-----------|----|-------|------|-------|------|------|------|------|-----|-------|------|-------|-----|-------|
| | | | inch | mm | inch | mm | inch | mm | psi | bar | psi | bar | inch | mm | kg/m |
| PH177-06 | -06 | 10 | 3/8 | 9.7 | 0.68 | 17.2 | 0.80 | 20.3 | 4060 | 280 | 16240 | 1120 | 2.52 | 64 | 0.660 |
| PH177-08 | -08 | 12 | 1/2 | 12.9 | 0.82 | 20.9 | 0.94 | 23.8 | 4060 | 280 | 16240 | 1120 | 3.50 | 89 | 0.852 |
| PH177-10 | -10 | 16 | 5/8 | 16.1 | 0.96 | 24.5 | 1.08 | 27.4 | 4060 | 280 | 16240 | 1120 | 4.01 | 102 | 1.059 |
| PH177-12 | -12 | 19 | 3/4 | 19.2 | 1.10 | 28.0 | 1.21 | 30.7 | 4060 | 280 | 16240 | 1120 | 4.76 | 121 | 1.134 |
| PH177-16 | -16 | 25 | 1 | 25.7 | 1.37 | 34.9 | 1.50 | 38.0 | 4060 | 280 | 16240 | 1120 | 6.02 | 153 | 1.980 |
| PH177-20 | -20 | 31 | 1.1/4 | 32.2 | 1.73 | 43.9 | 1.85 | 47.0 | 3045 | 210 | 12180 | 840 | 8.27 | 210 | 2.822 |
| PH177-24 | -24 | 38 | 1.1/2 | 38.5 | 1.98 | 50.4 | 2.11 | 53.5 | 2540 | 175 | 10150 | 700 | 10.00 | 254 | 3.229 |
| PH177-32 | -32 | 51 | 2 | 51.4 | 2.50 | 63.6 | 2.63 | 66.7 | 2540 | 175 | 10150 | 700 | 12.52 | 318 | 4.622 |
| PH177-40 | -40 | 63 | 2.1/2 | 63.5 | 2.95 | 75.0 | 3.07 | 78.0 | 2030 | 140 | 8120 | 560 | 14.20 | 360 | 5.285 |



Temperature Range : Continuous: -40°C to +121°C

Impulse Cycles : 500,000 cycles