

PH270 - 2SC ULTRA HIGH TEMPERATURE MSHA

Applicable Standard : EN 857 - 2SC / SAE 100R16 / ISO 11237 -1



Construction

- Inner tube** Black Color, Synthetic rubber resistant to oil and water
- Reinforcement** Double steel wire braids
- Cover** Black colour, Synthetic rubber resistant to abrasion and weather, oil & ozone. Available in wrap and smooth finish*
- Application** High Pressure Hydraulic Lines 125 to 400 bar requiring compact outer dia and high flexibility for use with petroleum, synthetic or water based fluids in Hydraulic systems. Suitable for Agricultural, Earthmoving & Material handling equipment and machineries/systems

Note : 1.1/4" 1SC not covered under EN857

| Item Code | Dash Size | DN | ID | | OD | | WP | | BP | | BR/r | | W |
|-----------|-----------|----|-------|------|------|------|------|-----|-------|------|------|-----|-------|
| | | | inch | mm | inch | mm | psi | bar | psi | bar | inch | mm | kg/m |
| PH270-04 | -04 | 06 | 1/4 | 6.7 | 0.52 | 13.2 | 5800 | 400 | 23200 | 1600 | 2.0 | 50 | 0.323 |
| PH270-05 | -05 | 08 | 5/16 | 8.2 | 0.59 | 14.9 | 5075 | 350 | 20300 | 1400 | 2.2 | 55 | 0.366 |
| PH270-06 | -06 | 10 | 3/8 | 9.8 | 0.67 | 17.1 | 4785 | 330 | 19140 | 1320 | 2.6 | 65 | 0.466 |
| PH270-08 | -08 | 12 | 1/2 | 13.1 | 0.80 | 20.4 | 3990 | 275 | 15950 | 1100 | 3.5 | 90 | 0.624 |
| PH270-10 | -10 | 16 | 5/8 | 16.3 | 0.93 | 23.5 | 3625 | 250 | 14500 | 1000 | 3.9 | 100 | 0.736 |
| PH270-12 | -12 | 19 | 3/4 | 19.3 | 1.10 | 28 | 3120 | 215 | 12470 | 860 | 4.7 | 120 | 0.932 |
| PH270-16 | -16 | 25 | 1 | 25.9 | 1.41 | 35.7 | 2395 | 165 | 9570 | 660 | 5.9 | 150 | 1.324 |
| PH270-20 | -20 | 31 | 1.1/4 | 32.2 | 1.73 | 43.9 | 1815 | 125 | 7250 | 500 | 8.3 | 210 | 1.750 |
| PH270-24 | -24 | 38 | 1.1/2 | 38.7 | 1.89 | 48.0 | 1450 | 100 | 5800 | 400 | 9.8 | 250 | 1.760 |
| PH270-32 | -32 | 51 | 2 | 51.3 | 2.43 | 61.6 | 1305 | 50 | 5220 | 360 | 11.8 | 300 | 2.300 |



Temperature Range : -40°C to +150°C

Impulse Cycles : 200,000; Tested upto 400,000 cycles, upto 1" I.D

*Smooth cover available only upto size 1"