

PH414 - 4000 PSI LOW TEMPERATURE

Applicable Standard : ISO 18752 - AC



Construction

- Inner tube** Black colour, synthetic rubber resistant to oil and water
- Reinforcement** Single steel wire braid (DN06)
Double steel wire braids (DN08 - 19)
- Cover** Black colour, synthetic rubber resistant to abrasion and weather, oil & ozone. smooth *and wrap finish applicable only for wire braided hose
- Application** Constant pressure hydraulic Lines 280 bar for use with petroleum or water based fluids in hydraulic systems. Suitable for Agricultural, Construction & material handling equipments / systems

| Item Code | Dash Size | DN | ID | | OD | | WP | | BP | | BR/r | | W |
|-----------|-----------|----|------|------|------|------|------|-----|-------|------|------|-----|-------|
| | | | inch | mm | inch | mm | psi | bar | psi | bar | inch | mm | kg/m |
| PH414-04 | -04 | 06 | 1/4 | 6.7 | 0.47 | 12.0 | 4000 | 280 | 16000 | 1120 | 2.0 | 50 | 0.186 |
| PH414-05 | -05 | 08 | 5/16 | 8.2 | 0.59 | 14.9 | 4000 | 280 | 16000 | 1120 | 2.2 | 55 | 0.366 |
| PH414-06 | -06 | 10 | 3/8 | 9.8 | 0.67 | 17.0 | 4000 | 280 | 16000 | 1120 | 2.6 | 65 | 0.466 |
| PH414-08 | -08 | 12 | 1/2 | 13.1 | 0.80 | 20.4 | 4000 | 280 | 16000 | 1120 | 3.5 | 90 | 0.624 |
| PH414-10 | -10 | 16 | 5/8 | 16.2 | 0.93 | 23.5 | 4000 | 280 | 16000 | 1120 | 3.9 | 100 | 0.736 |
| PH414-12 | -12 | 19 | 3/4 | 19.3 | 1.09 | 27.7 | 4000 | 280 | 16000 | 1120 | 4.7 | 120 | 0.901 |



Temperature Range : -55°C to +100°C

Impulse Cycles : 2,00,000

*Smooth cover available only upto size 1"