

**PH332 -MEDIUM PRESSURE HYDRAULIC HOSE -
(ELECTRICAL NON CONDUCTIVE)**



Applicable Standard : SAE 100 R7 / DIN EN ISO 3949 / ANSI A92.2

Construction

- Inner tube** Polyamide
- Reinforcement** One or two braids of synthetic fiber
- Cover** Polyurethane, Orange Color, Non Pin pricked

Application Medium-pressure hydraulic lines rated from 70 to 224 bar. Suitable for hydraulic applications requiring increased abrasion resistance and for use with petroleum, synthetic, or water-based fluids in hydraulic systems. Recommended for agricultural machinery, earthmoving equipment, articulating and telescopic booms, and material-handling equipment. Please consult the manufacturer.

Note : Min. burst pressure - 4:1 design factor required per SAE J517 100R7#Min. burst pressure -3:1 design factor acceptable per ANSI A92.2#Inner tube: Polyamide for sizes -2 to -12, Thermoplastic polyester elastomer for size -16

| Item Code | Dash Size | DN | ID | | OD | | WP | | BP | | BR/r | | W g/m | Qty (ft) | Type | No of sections |
|-----------|-----------|----|------|------|-------|------|------|-----|------|-----|------|-----|----------|----------|------|----------------|
| | | | inch | mm | inch | mm | psi | bar | psi | bar | inch | mm | | | | |
| PH332-02 | -02 | 03 | 1/8 | 3.2 | 0.339 | 8.6 | 3150 | 217 | 3000 | 210 | 0.5 | 13 | 50 | | | |
| PH332-03 | -03 | 05 | 3/16 | 5.0 | 0.429 | 10.9 | 3250 | 224 | 3250 | 224 | 0.7 | 19 | 70 | | | |
| PH332-04 | -04 | 06 | 1/4 | 6.3 | 0.490 | 12.4 | 3150 | 217 | 3000 | 210 | 1.5 | 38 | 90 | | | |
| PH332-05 | -05 | 08 | 5/16 | 8.0 | 0.571 | 14.5 | 3150 | 217 | 2500 | 175 | 1.7 | 44 | 110 | | | |
| PH332-06 | -06 | 10 | 3/8 | 10.0 | 0.642 | 16.3 | 3000 | 210 | 2250 | 155 | 2.0 | 51 | 140 | | | |
| PH332-08 | -08 | 12 | 1/2 | 12.5 | 0.811 | 20.6 | 3000 | 210 | 2250 | 155 | 3.0 | 76 | 220 | | | |
| PH332-10 | -10 | 16 | 5/8 | 16.0 | 0.980 | 24.9 | 3000 | 210 | 2250 | 155 | 4.0 | 102 | 310 | | | |
| PH332-12 | -12 | 20 | 3/4 | 19.0 | 1.051 | 26.7 | 1660 | 114 | 1250 | 88 | 5.0 | 127 | 250 | | | |
| PH332-16 | -16 | 25 | 1 | 25.0 | 1.319 | 33.5 | 1330 | 92 | 1000 | 70 | 8.0 | 203 | 400 | | | |



Temperature Range : Continuous : -40°C to +100°C