

## PH357 - HIGH PRESSURE HYDRAULIC HOSE - R8 (2PB) - NON CONDUCTIVE

**Applicable Standard :** SAE 100R8 / DIN EN ISO 3949



### Construction

|                      |                                              |
|----------------------|----------------------------------------------|
| <b>Inner tube</b>    | Thermoplastic Elastomer                      |
| <b>Reinforcement</b> | Double Braids of Synthetic Wire              |
| <b>Cover</b>         | Polyurethane, Orange Colour, Non pin pricked |

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Application</b> | High pressure hydraulic lines 140 to 350 bar high pressure, light weight and low change in length. Suitable for hydraulic application with increased resistance to abrasion for use with petroleum, synthetic or water based fluids in hydraulic system, Agricultural machinery, Earthmoving, safety, rescue and Material handling equipment. Also suitable for industrial gases and other applications. Please consult manufacturer |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

| Item Code | Dash Size | DN | ID   |      | OD    |      | WP   |     | BP    |      | BR/r |     | W   |
|-----------|-----------|----|------|------|-------|------|------|-----|-------|------|------|-----|-----|
|           |           |    | inch | mm   | inch  | mm   | psi  | bar | psi   | bar  | inch | mm  | g/m |
| PH357-03  | -03       | 05 | 3/16 | 4.8  | 0.490 | 12.4 | 5000 | 350 | 20000 | 1400 | 1.6  | 40  | 136 |
| PH357-04  | -04       | 06 | 1/4  | 6.4  | 0.635 | 16.1 | 5000 | 350 | 20000 | 1400 | 1.8  | 45  | 220 |
| PH357-05  | -05       | 08 | 5/16 | 8.0  | 0.660 | 16.8 | 4250 | 290 | 17000 | 1160 | 2.2  | 55  | 232 |
| PH357-06  | -06       | 10 | 3/8  | 9.5  | 0.730 | 18.5 | 4000 | 280 | 16000 | 1120 | 2.6  | 65  | 260 |
| PH357-08  | -08       | 12 | 1/2  | 12.7 | 0.890 | 22.6 | 3500 | 245 | 14000 | 980  | 3.0  | 77  | 356 |
| PH357-10  | -10       | 16 | 5/8  | 16.0 | 1.020 | 25.9 | 2750 | 190 | 11000 | 760  | 4.0  | 100 | 405 |
| PH357-12  | -12       | 20 | 3/4  | 19.0 | 1.140 | 29.0 | 2250 | 155 | 9000  | 620  | 5.5  | 140 | 476 |
| PH357-16  | -16       | 25 | 1    | 25.4 | 1.420 | 36.1 | 2000 | 140 | 8000  | 560  | 8.0  | 200 | 637 |



**Temperature Range :** -40°C to +100°C Temp. not to exceed +70°C for Air and Water based fluids