

## HIGH PRESSURE HYDRAULIC HOSE - R8

Applicable Standard: SAE 100 R8

### Construction

**Core** Thermoplastic Elastomer

**Reinforcement** Two or more Braids of High resistance Synthetic fiber

**Cover** Polyurethane, Black Colour, Pin pricked anti abrasion Polyurethane

**Application** High Pressure Hydraulic Lines 100 to 360 bar compact, 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 systems. Suitable for Agricultural machinery, Earthmoving, Safety, Rescue and Material handling equipments Can be used for industrial gases and other applications. Please consult manufacturer



| ID    |      | OD    |      | WP    |     | BP     |       | BR/r |     |
|-------|------|-------|------|-------|-----|--------|-------|------|-----|
| inch  | mm   | inch  | mm   | psi   | bar | psi    | bar   | inch | mm  |
| 1/8   | 3.2  | 0.320 | 8.1  | 5,250 | 360 | 21,000 | 1,440 | 1.0  | 25  |
| 3/16  | 4.8  | 0.405 | 10.3 | 5,250 | 360 | 21,000 | 1,440 | 1.0  | 25  |
| 1/4   | 6.4  | 0.490 | 12.4 | 5,250 | 360 | 21,000 | 1,440 | 1.3  | 32  |
| 5/16  | 8.0  | 0.560 | 14.2 | 4,250 | 290 | 17,000 | 1,160 | 1.8  | 45  |
| 3/8   | 9.5  | 0.620 | 15.7 | 4,000 | 280 | 16,000 | 1,120 | 2.2  | 55  |
| 1/2   | 12.7 | 0.760 | 19.3 | 3,500 | 245 | 14,000 | 980   | 3.0  | 77  |
| 5/8   | 16.0 | 0.910 | 23.1 | 2,750 | 190 | 11,000 | 760   | 4.3  | 110 |
| 3/4   | 19.0 | 1.040 | 26.4 | 2,250 | 155 | 9,000  | 620   | 5.5  | 140 |
| 1     | 25.4 | 1.310 | 33.3 | 2,000 | 140 | 8,000  | 560   | 8.0  | 200 |
| 1.1/4 | 31.8 | 1.654 | 42.0 | 1,500 | 100 | 6,000  | 400   | 14.0 | 350 |

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

Temp not to exceed +70°C for Air and Water based fluids

## SEWER JET - 2500 PSI

### Construction

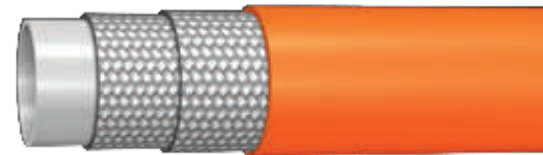
**Core** : Thermoplastic Elastomer

**Reinforcement** : One or more Braids of Synthetic Fiber

**Cover** : Polyurethane, Orange Colour

### Application

Standard Sewer cleaning vehicles and cleaning equipments. Special construction for optimum cut and wear resistance with bonded tube and cover. Available in long lengths with a special cover resistant to microbiological degradation light weight compared to conventional rubber alternatives and increased lifetime



| ID    |      | OD    |      | WP    |     | BP    |     | BR/r |     |
|-------|------|-------|------|-------|-----|-------|-----|------|-----|
| inch  | mm   | inch  | mm   | psi   | bar | psi   | bar | inch | mm  |
| 3/16  | 4.8  | 0.413 | 10.5 | 2,500 | 175 | 6,250 | 438 | 1.6  | 40  |
| 1/4   | 6.4  | 0.505 | 12.8 | 2,500 | 175 | 6,250 | 438 | 1.6  | 40  |
| 3/8   | 9.5  | 0.640 | 16.3 | 2,500 | 175 | 6,250 | 438 | 2.4  | 60  |
| 1/2   | 12.7 | 0.810 | 20.6 | 2,500 | 175 | 6,250 | 438 | 4.0  | 100 |
| 5/8   | 16.0 | 1.030 | 26.2 | 2,500 | 175 | 6,250 | 438 | 4.3  | 110 |
| 3/4   | 19.0 | 1.150 | 29.2 | 2,500 | 175 | 6,250 | 438 | 5.0  | 125 |
| 1     | 25.4 | 1.450 | 36.8 | 2,500 | 175 | 6,250 | 438 | 6.3  | 160 |
| 1.1/4 | 31.8 | 1.800 | 45.7 | 2,500 | 175 | 6,250 | 438 | 10.0 | 250 |

**Temperature Range**: Continuous: -40°C to +60°C