

### PH351 - VERY HIGH PRESSURE JACK HOSE



### Construction

|                      |                                                                                                                                                                                                                                                                                                                                                                                          |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Inner tube</b>    | Thermoplastic Elastomer                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Reinforcement</b> | One or more braids of aramia fiber with one steel wire                                                                                                                                                                                                                                                                                                                                   |
| <b>Cover</b>         | Polyurethane, Red Orange Colour                                                                                                                                                                                                                                                                                                                                                          |
| <b>Application</b>   | Very High-Pressure hydraulic lines 300 to 700 bar compact, high pressure, light weight, high abrasion resistance and low change in length for use with petroleum, synthetic or water-based fluid in hydraulic systems. Mainly used for rescue, safety equipment, bolt tensioning tools and jacking & re-railing equipment also, suitable for earthmoving and material handling equipment |

**Note :** Available Twin & Multi lines with different Hose combination and size. Also special colours available on request

| Item Code | Dash Size | DN | ID   |      | OD    |      | WP    |     | BP    |      | BR/r |     | W   |
|-----------|-----------|----|------|------|-------|------|-------|-----|-------|------|------|-----|-----|
|           |           |    | inch | mm   | inch  | mm   | psi   | bar | psi   | bar  | inch | mm  | g/m |
| PH351-03  | -03       | 05 | 3/16 | 4.8  | 0.460 | 11.7 | 10000 | 700 | 40000 | 2800 | 2.0  | 50  | 170 |
| PH351-04  | -04       | 06 | 1/4  | 6.4  | 0.540 | 13.7 | 10000 | 700 | 40000 | 2800 | 2.8  | 70  | 242 |
| PH351-06  | -06       | 10 | 3/8  | 9.5  | 0.740 | 18.8 | 10000 | 700 | 40000 | 2800 | 4.0  | 100 | 387 |
| PH351-08  | -08       | 12 | 1/2  | 12.7 | 0.875 | 22.2 | 10000 | 700 | 30000 | 2080 | 7.0  | 180 | 514 |
| PH351-12  | -12       | 20 | 3/4  | 19.0 | 1.150 | 29.2 | 5000  | 350 | 20000 | 1400 | 7.5  | 191 | 753 |
| PH351-16  | -16       | 25 | 1    | 25.4 | 1.440 | 36.6 | 4350  | 300 | 17400 | 1200 | 10.0 | 254 | 961 |



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