

**PH279 - R15**

**Applicable Standard :** SAE J517 -100R15 / ISO 3862



**Construction**

**Inner tube** Black colour, Synthetic rubber resistant to oil and water

**Reinforcement** Four high tensile steel wire spiral (DN19-25)  
Six high tensile steel wire spiral (DN31-51)

**Cover** Black colour, Synthetic rubber resistant to abrasion and weather, oil & ozone

**Application** 420 bar super high pressure Hydraulic Lines and hydrostatic transmission lines. Also, suitable for impulse surge lines with more life cycles for use with petroleum, synthetic or water based fluids in Hydraulic systems. Suitable for Earthmoving equipment and machineries / systems

| Cover Options         |
|-----------------------|
| PH279 : MSHA          |
| PH259 : ABRAZONX MSHA |

**Note :** 5/8" & 2" Not covered under SAE 100R15

| Item Code | Dash Size | DN | ID    |      | RI OD |      | OD   |      | WP   |     | BP    |      | BR/r  |     | W     |
|-----------|-----------|----|-------|------|-------|------|------|------|------|-----|-------|------|-------|-----|-------|
|           |           |    | inch  | mm   | inch  | mm   | inch | mm   | psi  | bar | psi   | bar  | inch  | mm  | kg/m  |
| PH279-06  | -06       | 10 | 3/8   | 9.8  | 0.69  | 17.5 | 0.84 | 21.4 | 6000 | 420 | 24000 | 1680 | 3.50  | 90  | 0.822 |
| PH279-08  | -08       | 12 | 1/2   | 13.1 | 0.80  | 20.4 | 0.82 | 24.6 | 6000 | 420 | 24000 | 1680 | 4.50  | 115 | 0.994 |
| PH279-10  | -10       | 16 | 5/8   | 16.2 | 0.97  | 24.6 | 1.06 | 27.0 | 6000 | 420 | 24000 | 1680 | 4.70  | 120 | 1.258 |
| PH279-12  | -12       | 19 | 3/4   | 19.2 | 1.14  | 29.0 | 1.27 | 32.2 | 6090 | 420 | 24360 | 1680 | 10.43 | 265 | 1.814 |
| PH279-16  | -16       | 25 | 1     | 25.7 | 1.40  | 35.6 | 1.53 | 38.9 | 6090 | 420 | 24360 | 1680 | 12.99 | 330 | 2.277 |
| PH279-20  | -20       | 31 | 1.1/4 | 32.2 | 1.85  | 47.0 | 1.96 | 49.8 | 6090 | 420 | 24360 | 1680 | 17.52 | 445 | 4.269 |
| PH279-24  | -24       | 38 | 1.1/2 | 38.5 | 2.17  | 55.1 | 2.28 | 58.0 | 6090 | 420 | 24360 | 1680 | 20.87 | 530 | 5.747 |
| PH279-32  | -32       | 51 | 2     | 51.2 | 2.68  | 68.0 | 2.80 | 71.2 | 6090 | 420 | 24360 | 1680 | 23.62 | 600 | 8.217 |



**Temperature Range :** Continuous: -40°C to +121°C

**Impulse Cycles :** 500,000 cycles