

**PH296 - 1SNX - HP**

**Applicable Standard :** Exceeds EN 857



**Construction :**

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

**Reinforcement :** Single steel wire braid

**Cover :** Black colour, Synthetic rubber resistant to abrasion and weather, oil & ozone. Available in wrap and smooth finish\*

**Application :** Medium Pressure Hydraulic Lines 110 to 290 bar requires compact outer dia and high flexibility for use with petroleum, synthetic or water based fluids in Hydraulic systems. Suitable for Agricultural, Construction & Material handling equipment and machineries/systems

| Cover Options         | Temperature Usage Options                           |
|-----------------------|---|
| PH296 : MSHA          | PH237 : High temperature MSHA cover -40°C to +135°C |
| PH206 : ABRAZONX MSHA |   |

| Item Code | Dash Size | DN | ID    |      | OD   |      | WP   |     | BP    |      | BR/r |     | W     |
|-----------|-----------|----|-------|------|------|------|------|-----|-------|------|------|-----|-------|
|           |           |    | inch  | mm   | inch | mm   | psi  | bar | psi   | bar  | inch | mm  | kg/m  |
| PH296-04  | -04       | 06 | 1/4   | 6.7  | 0.47 | 12.0 | 4205 | 290 | 16820 | 1160 | 1.6  | 40  | 0.186 |
| PH296-05  | -05       | 08 | 5/16  | 8.2  | 0.55 | 14.0 | 3625 | 250 | 14500 | 1000 | 2.2  | 55  | 0.235 |
| PH296-06  | -06       | 10 | 3/8   | 9.8  | 0.63 | 16.0 | 3335 | 230 | 13340 | 920  | 2.6  | 65  | 0.295 |
| PH296-08  | -08       | 12 | 1/2   | 13.1 | 0.75 | 19.0 | 2900 | 200 | 11600 | 800  | 3.1  | 80  | 0.377 |
| PH296-10  | -10       | 16 | 5/8   | 16.2 | 0.87 | 22.0 | 2175 | 150 | 8700  | 600  | 4.1  | 105 | 0.454 |
| PH296-12  | -12       | 19 | 3/4   | 19.3 | 1.02 | 26.0 | 1815 | 125 | 7250  | 500  | 4.7  | 120 | 0.582 |
| PH296-16  | -16       | 25 | 1     | 25.9 | 1.30 | 33.0 | 1595 | 110 | 6380  | 440  | 6.3  | 160 | 0.804 |
| PH296-20  | -20       | 31 | 1.1/4 | 32.0 | 1.73 | 44.0 | 1450 | 100 | 5800  | 400  | 11.8 | 300 | 1.516 |



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

**Intermittent :** +120°C

**Impulse Cycles :** 150,000 cycles

**\*Smooth cover available only upto size 1"**