

### PH174 - BCS

**Applicable Standard :** BCS 174 - 1992



#### Construction :

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

**Reinforcement :** Double high tensile steel wire braids

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

**Application :** High Pressure Hydraulic Lines 115 to 450 bar for use with petroleum, synthetic or water based fluids in Hydraulic systems. Specially made as per British coal 174 specification and to be used in underground mining equipment machines and roof support system. Also in long wall mining applications

| Cover Options |
|---------------|
| PH174 : MSHA  |

**Note :** 5/8" Not covered under BCS 174. DGMS approved

| Item Code | Dash Size | DN | ID    |      | OD   |      | WP   |     | BP    |      | BR/r |     | W     |
|-----------|-----------|----|-------|------|------|------|------|-----|-------|------|------|-----|-------|
|           |           |    | inch  | mm   | inch | mm   | psi  | bar | psi   | bar  | inch | mm  | kg/m  |
| PH174-04  | -04       | 06 | 1/4   | 6.3  | 0.67 | 17.0 | 6525 | 450 | 26100 | 1800 | 3.9  | 100 | 0.504 |
| PH174-06  | -06       | 10 | 3/8   | 9.5  | 0.84 | 21.4 | 5510 | 380 | 22040 | 1520 | 5.1  | 130 | 0.712 |
| PH174-08  | -08       | 12 | 1/2   | 12.7 | 1.04 | 26.4 | 5295 | 365 | 21025 | 1450 | 5.9  | 150 | 0.977 |
| PH174-10  | -10       | 16 | 5/8   | 16.0 | 1.18 | 30.0 | 4060 | 280 | 16240 | 1120 | 7.5  | 190 | 1.300 |
| PH174-12  | -12       | 20 | 3/4   | 19.0 | 1.32 | 33.6 | 4060 | 280 | 16025 | 1105 | 9.1  | 230 | 1.514 |
| PH174-16  | -16       | 25 | 1     | 25.4 | 1.60 | 40.6 | 3120 | 215 | 12470 | 860  | 11.8 | 300 | 1.756 |
| PH174-20  | -20       | 31 | 1.1/4 | 31.7 | 1.87 | 47.5 | 2540 | 175 | 10005 | 690  | 15.0 | 380 | 2.090 |
| PH174-24  | -24       | 38 | 1.1/2 | 38.4 | 2.13 | 54.1 | 2175 | 150 | 8485  | 585  | 17.7 | 450 | 2.763 |
| PH174-32  | -32       | 51 | 2     | 51.1 | 2.63 | 66.8 | 1670 | 115 | 6525  | 450  | 23.6 | 600 | 3.541 |



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

**Intermittent :** +120°C

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