

### PH185 - HYDRAULIC OIL S & D HOSE HIGH TEMPERATURE MSHA

Applicable Standard : SAE J517 - 100R4



### Construction

**Inner tube** Black colour, synthetic rubber resistant to oil

**Reinforcement** Synthetic Yarn fabric with Steel Wire Helix

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

**Application** For suction return line of Hydraulic Oil in Industrial and Earthmoving Equipment

**Note** : 1.3/4" not covered under SAE 100R4

| Item Code | Dash Size | DN  | ID    |       | OD   |       | WP  |     | BP   |     | BR/r  |     | W     |
|-----------|-----------|-----|-------|-------|------|-------|-----|-----|------|-----|-------|-----|-------|
|           |           |     | inch  | mm    | inch | mm    | psi | bar | psi  | bar | inch  | mm  | kg/m  |
| PH185-12  | -12       | 19  | 3/4   | 19.0  | 1.18 | 30.0  | 365 | 25  | 1235 | 85  | 2.56  | 65  | 0.605 |
| PH185-16  | -16       | 25  | 1     | 25.0  | 1.50 | 38.0  | 290 | 20  | 1015 | 70  | 2.95  | 75  | 0.820 |
| PH185-20  | -20       | 31  | 1.1/4 | 32.0  | 1.77 | 45.0  | 220 | 15  | 870  | 60  | 4.13  | 105 | 1.100 |
| PH185-24  | -24       | 38  | 1.1/2 | 38.0  | 2.05 | 52.0  | 220 | 15  | 655  | 45  | 4.92  | 125 | 1.310 |
| PH185-28  | -28       | 44  | 1.3/4 | 45.0  | 2.20 | 56.0  | 145 | 10  | 435  | 30  | 5.91  | 150 | 1.420 |
| PH185-32  | -32       | 51  | 2     | 51.0  | 2.50 | 63.6  | 145 | 10  | 435  | 30  | 5.91  | 150 | 1.590 |
| PH185-40  | -40       | 63  | 2.1/2 | 64.0  | 3.00 | 76.2  | 75  | 5   | 290  | 20  | 7.09  | 180 | 2.400 |
| PH185-48  | -48       | 76  | 3     | 76.0  | 3.54 | 90.0  | 75  | 5   | 290  | 20  | 9.45  | 240 | 2.830 |
| PH185-56  | -56       | 89  | 3.1/2 | 89.0  | 4.05 | 103.0 | 75  | 5   | 290  | 20  | 10.24 | 260 | 3.500 |
| PH185-64  | -64       | 100 | 4     | 102.0 | 4.57 | 116.0 | 75  | 5   | 145  | 10  | 11.81 | 300 | 4.120 |



**Temperature Range** : -40°C to +135°C

**Vacuum** : -0.9 bar