

## PH783 - CONVOLUTED PTFE HOSE WITH HELIX WIRE AND POLYPROPYLENE YARN STANDARD WALL



### Construction :

**Inner tube :** Helically convoluted sintered tube of polytetrafluoroethylene (P.T.F.E), External AISI 304 Wire Support

**Reinforcement :** Single braid of polypropylene yarn

**Application :** High temperature lines where vibrations and frequent handling are involved

#### Other Options

PH793 : Medium wall version

PH784 : PVDF yarn braid

PH794 : PVDF yarn braid & medium wall version

| Item Code | Dash Size | WT   | ID    |       | OD    |      | WP  |     | V    | BP   |     | BR/r |     | W    |
|-----------|-----------|------|-------|-------|-------|------|-----|-----|------|------|-----|------|-----|------|
|           |           |      | inch  | mm    | inch  | mm   | psi | bar | mbar | psi  | bar | inch | mm  | g/m  |
| PH783-08  | -8        | 0.75 | 1/2   | 12.70 | 0.866 | 22.0 | 290 | 20  | 899  | 1160 | 80  | 1.3  | 32  | 361  |
| PH783-10  | -10       | 0.80 | 5/8   | 15.88 | 1.063 | 27.0 | 218 | 15  | 899  | 870  | 60  | 1.6  | 40  | 426  |
| PH783-12  | -12       | 0.90 | 3/4   | 19.05 | 1.252 | 31.8 | 218 | 15  | 899  | 870  | 60  | 2.0  | 50  | 548  |
| PH783-16  | -16       | 1.00 | 1     | 25.40 | 1.472 | 37.4 | 218 | 15  | 899  | 870  | 60  | 2.4  | 60  | 599  |
| PH783-20  | -20       | 1.00 | 1.1/4 | 31.75 | 1.776 | 45.1 | 145 | 10  | 899  | 580  | 40  | 3.1  | 80  | 830  |
| PH783-24  | -24       | 1.00 | 1.1/2 | 38.10 | 1.988 | 50.5 | 145 | 10  | 899  | 580  | 40  | 3.9  | 100 | 1162 |
| PH783-32  | -32       | 1.10 | 2     | 50.80 | 2.500 | 63.5 | 145 | 10  | 899  | 580  | 40  | 4.9  | 125 | 1433 |



**Temperature Range :** Continuous: -54°C to +180°C