

**PH645 - UHMPE CHEMICAL SUCTION & DISCHARGE HOSE**



**Construction**

- Inner tube** White colour, Synthetic rubber with transparent UHMPE liner FDA approved
- Reinforcement** Plies of synthetic textile cords with steel helix
- Cover** Blue colour EPDM rubber resistant to ozone, weather and abrasion
- Application** Conveying acids and chemical with corrugated finish

| Item Code | Dash Size | ID    |       | OD   |       | WP  |     | BP  |     | V    | W     |
|-----------|-----------|-------|-------|------|-------|-----|-----|-----|-----|------|-------|
|           |           | inch  | mm    | inch | mm    | psi | bar | psi | bar | bar  | kg/m  |
| PH645-12  | -12       | 3/4   | 19.0  | 1.22 | 31.0  | 250 | 17  | 750 | 51  | 0.9  | 0.70  |
| PH645-16  | -16       | 1     | 25.0  | 1.46 | 37.0  | 250 | 17  | 750 | 51  | 0.9  | 1.29  |
| PH645-20  | -20       | 1.1/4 | 32.0  | 1.73 | 44.0  | 250 | 17  | 750 | 51  | 0.9  | 1.49  |
| PH645-24  | -24       | 1.1/2 | 38.0  | 1.97 | 50.0  | 250 | 17  | 750 | 51  | 0.9  | 1.90  |
| PH645-32  | -32       | 2     | 51.0  | 2.48 | 63.0  | 250 | 17  | 750 | 51  | 0.9  | 2.50  |
| PH645-40  | -40       | 2.1/2 | 63.0  | 3.07 | 78.0  | 250 | 17  | 750 | 51  | 0.9  | 3.20  |
| PH645-48  | -48       | 3     | 76.0  | 3.70 | 94.0  | 250 | 17  | 750 | 51  | 0.9  | 4.30  |
| PH645-64  | -64       | 4     | 102.0 | 4.72 | 120.0 | 250 | 17  | 750 | 51  | 0.9  | 4.80  |
| PH645-96  | -96       | 6     | 152.0 | 6.81 | 173.0 | 250 | 17  | 750 | 51  | 0.80 | 10.49 |
| PH645-128 | -128      | 8     | 203.0 | 9.33 | 237.0 | 250 | 17  | 750 | 51  | 0.7  | 19.97 |



**Temperature Range** : Continuous: -20°C to +120°C