

## PH646 - EPDM CHEMICAL SUCTION & DISCHARGE HOSE



### Construction

|                      |                                                                                          |
|----------------------|------------------------------------------------------------------------------------------|
| <b>Inner tube</b>    | Black colour, EPDM synthetic rubber resistant to wide range of industrial chemicals      |
| <b>Reinforcement</b> | Plies of synthetic textile cords with steel helix and two cross anti static copper wires |
| <b>Cover</b>         | Black colour, Synthetic rubber resistant to ozone, weather and abrasion                  |
| <b>Application</b>   | For conveying wide range of light chemicals                                              |

| Item Code | Dash Size | <br>ID |       | <br>OD |       | <br>WP |     | <br>BP |     | <br>W |
|-----------|-----------|-----------------------------------------------------------------------------------------|-------|-----------------------------------------------------------------------------------------|-------|-------------------------------------------------------------------------------------------|-----|-------------------------------------------------------------------------------------------|-----|------------------------------------------------------------------------------------------|
|           |           | inch                                                                                    | mm    | inch                                                                                    | mm    | psi                                                                                       | bar | psi                                                                                       | bar | kg/m                                                                                     |
| PH646-08  | -08       | 1/2                                                                                     | 12.7  | 0.97                                                                                    | 24.7  | 250                                                                                       | 17  | 750                                                                                       | 51  | 0.56                                                                                     |
| PH646-12  | -12       | 3/4                                                                                     | 19.0  | 1.22                                                                                    | 31.0  | 250                                                                                       | 17  | 750                                                                                       | 51  | 0.68                                                                                     |
| PH646-16  | -16       | 1                                                                                       | 25.0  | 1.46                                                                                    | 37.0  | 250                                                                                       | 17  | 750                                                                                       | 51  | 0.80                                                                                     |
| PH646-20  | -20       | 1.1/4                                                                                   | 32.0  | 1.73                                                                                    | 44.0  | 250                                                                                       | 17  | 750                                                                                       | 51  | 0.99                                                                                     |
| PH646-24  | -24       | 1.1/2                                                                                   | 38.0  | 2.05                                                                                    | 52.0  | 250                                                                                       | 17  | 750                                                                                       | 51  | 1.50                                                                                     |
| PH646-32  | -32       | 2                                                                                       | 51.0  | 2.64                                                                                    | 67.0  | 250                                                                                       | 17  | 750                                                                                       | 51  | 2.04                                                                                     |
| PH646-40  | -40       | 2.1/2                                                                                   | 64.0  | 3.15                                                                                    | 80.0  | 250                                                                                       | 17  | 750                                                                                       | 51  | 2.70                                                                                     |
| PH646-48  | -48       | 3                                                                                       | 76.0  | 3.62                                                                                    | 92.0  | 250                                                                                       | 17  | 750                                                                                       | 51  | 3.12                                                                                     |
| PH646-64  | -64       | 4                                                                                       | 102.0 | 4.65                                                                                    | 118.0 | 250                                                                                       | 17  | 750                                                                                       | 51  | 4.60                                                                                     |



**Temperature Range** : Continuous: -30°C to +120°C