

PVC Suction & Discharge Hose

Product Datasheet



Technical Specification

1. Description

PVC Spiral Medium Duty Delivery and Vacuum Hose.

2. Applications:

Medium duty suction and delivery of water, slurry and dilute chemicals in industry and agriculture. Portable pumps, irrigation pumps, Waste Tankers and sewerage treatment works.

3. Tube

PVC

4. Cover

PVC

5. Reinforcement

Rigid PVC spiral

6. Temperature

-15 Deg C to +65 Deg C

7. Vacuum

680mm Hg = 90% at 20°C

8. Coil Size

1" - 5" 30 mtrs (cut lengths: 6 mtrs or multiples of 6 mtrs),  
6" 20 mtrs (cut lengths: 3 mtrs or multiples of 3 mtrs), 8" 6 mtrs

9. Colour

Olive Green

| Inside Diameter (mm) | Inside Diameter (inch) | Wall (mm) | Outside Diameter (mm) | Maximum working Pressure |              | Bend Radius (mm) | Weight (kg's/mtr) | CMT Part Number |
|----------------------|------------------------|-----------|-----------------------|--------------------------|--------------|------------------|-------------------|-----------------|
|                      |                        |           |                       | (23°C ± 2°C)             | (55°C ± 2°C) |                  |                   |                 |
| 25                   | 1                      | 3.40      | 31.8                  | 7.3 bar                  | 2.1 bar      | 125              | 0.37              | 0303005         |
| 32                   | 1 ¼                    | 3.61      | 39.2                  | 5 bar                    | 1.5 bar      | 150              | 0.48              | 0303010         |
| 38                   | 1 ½                    | 3.80      | 45.6                  | 5 bar                    | 1.5 bar      | 175              | 0.59              | 0303015         |
| 51                   | 2                      | 4.29      | 59.6                  | 5 bar                    | 1.5 bar      | 225              | 0.87              | 0303020         |
| 63                   | 2 ½                    | 4.60      | 72.2                  | 5 bar                    | 1.5 bar      | 305              | 1.16              | 0303025         |
| 76                   | 3                      | 5.82      | 87.6                  | 4 bar                    | 1.3 bar      | 355              | 1.76              | 0303030         |
| 89                   | 3 ½                    | 5.99      | 101.0                 | 4 bar                    | 1.3 bar      | 375              | 2.12              | 0303035         |
| 102                  | 4                      | 6.30      | 114.6                 | 3 bar                    | 1.0 bar      | 430              | 2.55              | 0303040         |
| 127                  | 5                      | 7.20      | 141.4                 | 3 bar                    | 1.0 bar      | 500              | 3.59              | 0303045         |
| 152                  | 6                      | 8.70      | 169.4                 | 2.6 bar                  | 0.8 bar      | 760              | 5.40              | 0303050         |