



Save On Down Time Use Gates System



- First Choice of OEMs
- Superior Technology for Longer Life
- Preferred by the Steel Industry
- Low Leakage Current
- Benefit of Longer Lengths even in higher sizes

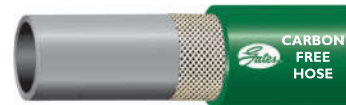


**Insist on Gates Clamps for
Greater Reliability and
Superior Performance**

Gates System Comprises of
Hoses, Clamps and High Temperature Hose Protection Products (Sleeves)

Gates Carbon Free Hose offers an extremely long life through characteristics of Abrasion and Weather Resistance. You get high flexibility together with adequate toughness to help passing the electrical cable assembly through the hose. Gates Carbon Free Hose is specially designed and manufactured to take the abuse in your toughest working environments. You can always count on Gates Carbon Free Hose for optimal performance at a competitive price.

CARBON FREE HOSE



Recommended for : With excellent low leakage current less than 20 Micro Amp. at 6000V D.C., Gates Carbon Free Hose is recommended for Furnace Coolant & Electrical Cable Coolant Applications in Steel Industry and other non-conductive applications.

Service Temperature Range : -40°C to +100°C.

Construction:

- Tube :** Specialized Synthetic Rubber, Grey color.
- Cover :** Specially Compounded Nitrile, Green color.
- Reinforcement :** High Tenacity Synthetic Yarn.

SPECIFICATIONS

| Nominal I.D. | | Mean O.D. | | Working Pressure | | | Min. Burst Pressure | | | Suction | | Min. Bend Radius | |
|--------------|------|-----------|------|--------------------|------|-----|---------------------|------|------|---------|-------|------------------|-------|
| mm | Inch | mm | Inch | Kg/cm ² | MPa | PSI | Kg/cm ² | MPa | PSI | In. Hg | mm Hg | mm | Inch |
| 12.70* | ½" | 21.6 | 0.85 | 17.20 | 1.72 | 250 | 69 | 6.90 | 1000 | 25.00 | 635 | 102 | 4.00 |
| 19.80 | ¾" | 31.0 | 1.22 | 17.20 | 1.72 | 250 | 69 | 6.90 | 1000 | 25.00 | 635 | 127 | 5.00 |
| 26.20 | 1" | 37.5 | 1.48 | 17.20 | 1.72 | 250 | 69 | 6.90 | 1000 | 25.00 | 635 | 152 | 6.00 |
| 32.40 | 1¼" | 45.2 | 1.78 | 17.20 | 1.72 | 250 | 69 | 6.90 | 1000 | 25.00 | 635 | 190 | 7.50 |
| 39.20 | 1½" | 53.6 | 2.11 | 17.20 | 1.72 | 250 | 69 | 6.90 | 1000 | 20.00 | 508 | 229 | 9.00 |
| 51.80 | 2" | 66.0 | 2.60 | 14.00 | 1.40 | 200 | 56 | 5.60 | 800 | 10.00 | 254 | 305 | 12.00 |
| 63.50 | 2½" | 81.0 | 3.18 | 14.00 | 1.40 | 200 | 56 | 5.60 | 800 | 10.00 | 254 | 508 | 20.00 |
| 76.20 | 3" | 93.5 | 3.68 | 14.00 | 1.40 | 200 | 56 | 5.60 | 800 | 5.00 | 127 | 635 | 25.00 |

*Imported Hose Offering, Branded as Premo Flex. Available in Red Color, Non Conductive @1000V D.C.-(1 MEGOHM/IN.)



GATES VALUE POINT : LOW LEAKAGE CURRENT



Experts at Gates developed this specialized product with the innovation of new rubber based compounds required to meet the demanding performance requirements in Furnace Coolant Applications. Gates Carbon Free Hose is a highly efficient product which offers features like low leakage current (less than 20 Micro Amp. at 6 KV D.C.) and significantly longer life.