

Also Available

- CUL - Standard Medium Duty Suction and Delivery Hose
- CU - Premium Medium Suction and Delivery Hose
- CSAS - Anti-Static, Heavy Duty Suction and Delivery Hose
- SF - Springflex™ Clear/Wire Reinforced Hose



CS

Heavy Duty Suction and Delivery Hose

A heavy duty PVC hose, reinforced with a rigid crush resistant PVC helix. Designed to operate under severe working conditions, this hose is tough, flexible and extremely durable under normal operating conditions. It has outstanding resistance to the effects of weather. Minimum frictional loss is achieved by the smooth bore.

Applications

Suction and delivery of water, sewage, slurries and powders. This product is particularly popular in the agricultural, construction and for general industrial applications. Heavy duty suction hose is supplied in straight lengths with polished aluminium alloy couplings for fire brigade applications.

Construction

Crush resistant anti-shock PVC spiral helix encapsulated in a grey flexible PVC cover, with a smooth inside wall.

Colour

Standard - Grey
Dark Green

Temperature Range

-10°C to +55°C

Size Range

1" to 8"
28mm to 140mm

Standard Length

30m Coils up to 6"
50m Coils also available up to 80mm
10m Straight cured lengths over 6"

Special Features

- Optimum flow is maintained by the smooth bore
- Robust, heavy duty construction
- Withstands a full vacuum
- Outstanding resistance to the effects of weather

GRIFLEX

hose & ducting solutions

VAT: 472709865

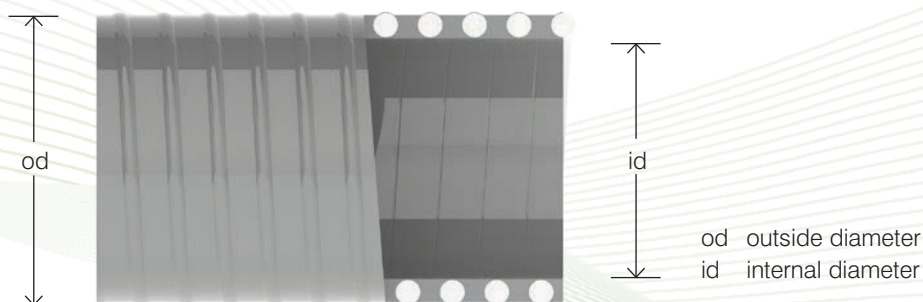
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CS - Heavy Duty Suction and Delivery Hose

| Product Ref. | Internal Dia. Inches | Internal Dia. mm | External Dia. mm | Wall Thickness Overall mm | Weight kg/m | Min. Bend Radius mm | Vacuum m of H ₂ O | Working Pressure Bar | Coil Length Metres |
|--------------|----------------------|------------------|------------------|---------------------------|-------------|---------------------|------------------------------|----------------------|--------------------|
| CS10 | 1" | 25.4 | 34.4 | 4.5 | 0.53 | 160 | 9 | 13.3 | 30 / 50 |
| CSM28 | Metric | 28 | 37.2 | 4.6 | 0.61 | 180 | 9 | 11.5 | 30 / 50 |
| CSM30 | Metric | 30 | 39.2 | 4.6 | 0.65 | 190 | 9 | 10.1 | 30 / 50 |
| CS12 | 1¼" | 32 | 41.2 | 4.6 | 0.67 | 200 | 9 | 10.0 | 30 / 50 |
| CSM35 | Metric | 35 | 44.6 | 4.8 | 0.77 | 220 | 9 | 8.8 | 30 / 50 |
| CS15 | 1½" | 38 | 48.2 | 5.1 | 0.89 | 230 | 9 | 8.7 | 30 / 50 |
| CSM40 | Metric | 40 | 50.8 | 5.4 | 0.96 | 260 | 9 | 7.9 | 30 / 50 |
| CSM45 | Metric | 45 | 55.8 | 5.4 | 1.15 | 280 | 9 | 7.5 | 30 / 50 |
| CS20 | 2" | 51.6 | 62.8 | 5.6 | 1.28 | 300 | 9 | 7.3 | 30 / 50 |
| CSM60 | Metric | 60 | 72.0 | 6.0 | 1.45 | 380 | 9 | 5.8 | 30 / 50 |
| CS25 | 2½" | 63.5 | 75.7 | 6.1 | 1.58 | 370 | 9 | 6.0 | 30 / 50 |
| CS30 | 3" | 76 | 89.2 | 6.6 | 1.93 | 450 | 9 | 5.7 | 30 / 50 |
| CSM80 | Metric | 80 | 93.0 | 6.5 | 2.2 | 530 | 9 | 4.8 | 30 / 50 |
| CS35 | 3½" | 90 | 104.0 | 7.0 | 2.23 | 550 | 9 | 5.0 | 30 |
| CS40 | 4" | 102 | 118.0 | 8.0 | 3.58 | 630 | 9 | 4.3 | 30 |
| CS50 | 5" | 127 | 144.2 | 8.6 | 4.76 | 850 | 8 | 4.0 | 30 |
| CSM140 | 5½" | 140 | 159.6 | 9.8 | 5.97 | 1000 | 8 | 3.7 | 30 |
| CS60 | 6" | 152 | 172.4 | 10.2 | 6.72 | 1100 | 8 | 3.7 | 30 |
| CS80 | 8" | 204 | 227.0 | 11.5 | 10.14 | 2030 | 8 | 3.3 | 10 |
| CS100 | 10" | 254 | 282.0 | 14.0 | 15 | 2540 | 8 | 3.0 | 10 |

All sizes are nominal and normal manufacturing tolerances apply.

Special Sizes are available on request but may be subject to Minimum Order Quantities and Leadtimes.

- (i) Maximum working pressure is based on a factor of safety of 3:1 on short term burst pressure at 20°C. If the temperature increases, please refer to the temperature pressure charts.
- (ii) Lengths detailed above are as standard, however variations may be available subject to minimum order quantities. Weights are approximate dependent upon working tolerance and density of materials.
- (iii) Bending diameter information is intended as a guide to the minimum bend radius at 20°C ambient temperature without restricting the bore. It does not mean that the hose cannot be bent below the given dimensions but restriction is likely to occur.



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