



CS

Heavy Duty Suction & Delivery Hose

Description

A heavy duty PVC hose, reinforced with a rigid crush resistant white 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 & for general industrial applications. Heavy duty suction hose is supplied in straight lengths with polished aluminium alloy couplings for fire brigade applications.

Construction

White rigid crush resistant anti-shock PVC spiral helix encapsulated in a dark green flexible PVC cover, with a smooth inside wall.

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

Colour

Standard - Dark Green, White Helix
Grey, White Helix

Size Range

25.4mm to 254mm ID
(1" to 10")

Standard Length

Up to 6", 30 metres supplied in a coil
Over 6", 10 metres supplied in a straight length
Also available in straight lengths with couplings if required

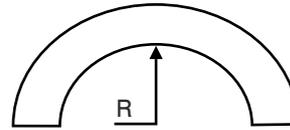
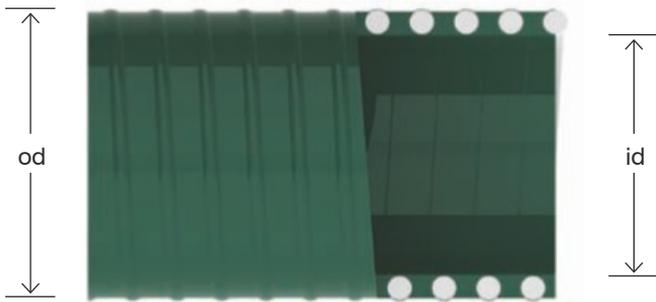
Temperature Range

-10°C to +55°C

Also Available

- CSAS is an anti-static heavy duty suction & delivery hose with copper wire incorporated within the wall of the hose, enabling the discharge of static electricity.

CS - Heavy Duty Suction & Delivery Hose



od outside diameter
id internal diameter

note: all dimensions in mm

CS - Heavy Duty Suction & Delivery Hose, Dark Green or Grey

Product Ref.	Internal Dia. mm	Nominal Internal Dia. Inches	External Dia. mm	Wall Thickness Overall mm	Weight Kg/Mtr	Min Bending Radius mm	Vacuum Mtrs H ₂ O	Working Pressure Bar	Coil Length Metres
CS10	25.4	1	34.4	4.5	0.53	160	9	13.3	30
CS12	32.0	1 1/4	41.2	4.6	0.67	200	9	10.0	30
CS15	38.0	1 1/2	48.2	5.1	0.89	230	9	8.7	30
CS20	51.6	2	62.8	5.6	1.28	300	9	7.3	30
CS25	63.5	2 1/2	75.7	6.1	1.58	370	9	6.0	30
CS30	76.0	3	89.2	6.6	1.93	450	9	5.7	30
CS35	90.0	3 1/2	104.0	7.0	2.23	550	9	5.0	30
CS40	102.0	4	118.0	8.0	3.58	630	9	4.3	30
CS50	127.0	5	144.2	8.6	4.76	850	8	4.0	30
CS60	152.0	6	172.4	10.2	6.72	1100	8	3.7	30
CS80	204.0	8	227.0	11.5	10.14	2030	8	3.3	10
CS100	254.0	10	282.0	14.0	15.00	2540	8	3.0	10

All sizes are nominal and normal manufacturing tolerances apply.

For further information please call Griflex on 01675 464803.

- (i) Maximum working pressure is based on a factor of safety of 3:1 on burst pressure at 23°C (+/- 2°C) in accordance with BS EN ISO 3994 : 2011. Working pressure reduces with increasing temperatures.
- (ii) Lengths detailed above are as standard, however variations may be available subject to minimum order quantities. Weights are approximate dependant upon working tolerance and density of materials.
- (iii) Bending diameter information is intended as a guide to the minimum bend radius at 23°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.
- (iv) Errors, omissions and amendments excepted. As part of continuing product development GRIFLEX reserve the right to alter product specifications without prior notice. Data given is correct at time of compilation. Product specification and application data is for guidance only and does not constitute a warranty of any kind, either expressed or implied for GRIFLEX products or their suitability for a specific purpose.

GRIFLEX
hose & ducting solutions

[A] Roman Way, Coleshill, Birmingham B46 1HG

[T] +44 (0)1675 464803 [F] +44 (0)1675 465924

[E] sales@griflex.com [W] www.griflex.com