



## CUXS

### External Spiral Suction Hose

#### Description

Medium duty elastic quality PVC hose with an external crush resistant helix. The exposed helix has excellent abrasion resistance and minimises drag resistance. Tough, flexible and extremely durable under normal operating conditions. Excellent resistance to weather, compounded for low temperature flexibility.

Optimum flow is maintained by the smooth bore. Suitable for suction and discharge of water, slurries, liquid sewage and dilute chemicals. Widely used in agricultural tanker applications.

#### Applications:

Suction and delivery of water, sewage, slurries and powders. This product is particularly popular in the agricultural, construction & general manufacturing industries.

#### Construction

Elastic quality flexible PVC with a semi embedded blue crush resistant anti-shock PVC spiral helix, with a smooth inside wall.

#### Special Features

- Optimum flow is maintained by the smooth bore
- Tough, flexible and extremely durable under normal operating conditions
- Flexibility maintained even under cold weather conditions
- External helix offers improved abrasion resistance
- Outstanding resistance to the effects of weather

#### Colour

Standard - Grey, Exposed Blue Helix

#### Size Range

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

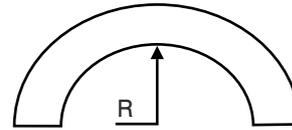
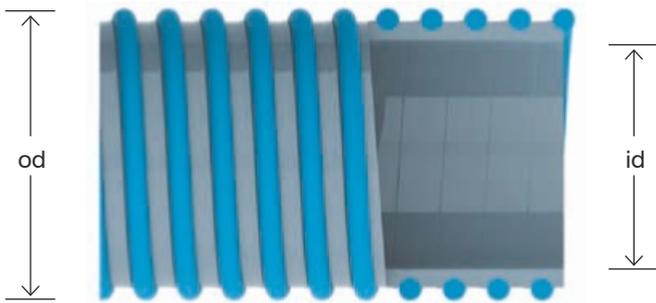
#### Standard Length

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

# CUXS - External Spiral Suction Hose



od outside diameter  
id internal diameter

note: all dimensions in mm

## External Spiral Super Elastic Suction Hose, Grey with Blue External Spiral

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 <sub>2</sub> O	Working Pressure Bar	Coil Length Metres
CUXS10	25.4	1	35.0	5.0	0.50	100	9	6.7	30
CUXS12	32.0	1 1/4	42.0	5.0	0.60	128	9	5.7	30
CUXS15	38.0	1 1/2	49.0	5.0	0.70	152	9	5.3	30
CUXS20	51.6	2	64.5	6.5	1.05	204	9	5.0	30
CUXS25	63.5	2 1/2	77.6	7.1	1.39	252	9	4.7	30
CUXS30	76.0	3	92.0	8.0	1.70	304	9	4.3	30
CUXS40	102.0	4	120.0	9.0	2.85	408	9	4.0	30
CUXS50	127.0	5	145.0	9.0	3.90	508	8	3.3	30
CUXS60	152.0	6	171	9.5	5.00	608	8	3.3	30
CUXS80	204.0	8	231.0	13.5	10.00	812	8	1.5	10
CUXS100	254.0	10	282.0	14.0	14.00	1016	8	1.3	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**  
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