

CUXESZ - SubZero

Super Elastic, Low Temperature (-40°C) Medium Duty Suction and Delivery Hose

A medium weight PVC hose, manufactured from super elastic low temperature compounds to give increased flexibility, reinforced with a rigid crush resistant white PVC helix. It 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 suited to the agricultural, construction and general manufacturing industries, which experience sub-zero temperatures

Construction

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

Colour

Standard - Blue, White Helix

Temperature Range

-40°C to +45°C

Size Range

2" to 4"

51.6mm to 102.0mm

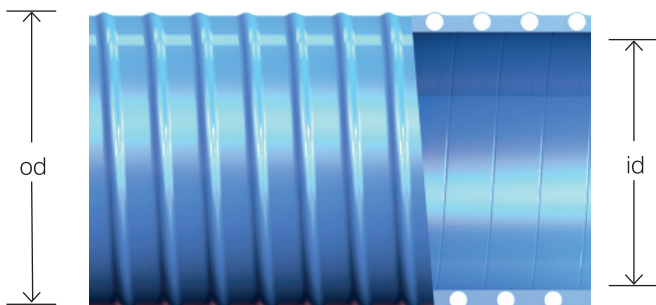
Standard Length

30 metres supplied in a coil

Special Features

- Low temperature performance
- Flexibility maintained even under sub-zero conditions
- Optimum flow is maintained by the smooth bore
- Tough, flexible and extremely durable under normal operating conditions
- Outstanding resistance to the effects of weather





od outside diameter
id internal diameter

CUXESZ - Super Elastic, Low Temperature, Medium Duty Suction and Delivery Hose, Blue

Product Ref.	Internal Dia.	Internal Dia.	External Dia.	Wall Thickness	Weight Kg/Mtr	Min. Bend Radius @20°C	Min. Bend Radius @-40°C	Vacuum Mtrs H ₂ O	Working Pressure Bar	Coil Length Metres
	Inches	mm	mm	Overall mm		Radius mm	Radius mm			
CUXESZ20	2"	51.6	61.2	4.8	1.10	165	200	9	3	30
CUXESZ25	2½"	63.5	73.9	5.2	1.36	205	300	9	3	30
CUXESZ30	3"	76.0	88.2	6.1	1.80	260	400	9	3	30
CUXESZ40	4"	102.0	117.6	7.8	2.88	330	500	9	2	30

N.B. All tests are undertaken at 20°C ambient temperature unless otherwise specified

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.