



if PP
industrial **fluid power** products



Also Available

- CU - Medium Duty Suction and Delivery Hose
- CUFG - Food Grade, Medium Duty Suction and Delivery Hose
- CUOR - Oil Resistant, Medium Duty Suction and Delivery Hose



CUXE

Super Elastic, Medium Duty Suction and Delivery Hose

A medium weight PVC hose, manufactured from super elastic compounds to give increased flexibility, reinforced with a rigid crush resistant 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 popular in the agricultural, construction and general manufacturing industries.

Construction

Rigid crush resistant anti-shock PVC spiral helix encapsulated in a highly flexible PVC cover, with a smooth inside wall.

Colour

Standard - Sea Green

Temperature Range

-10°C to +55°C

Size Range

1" to 8"
28mm to 140mm

Standard Length

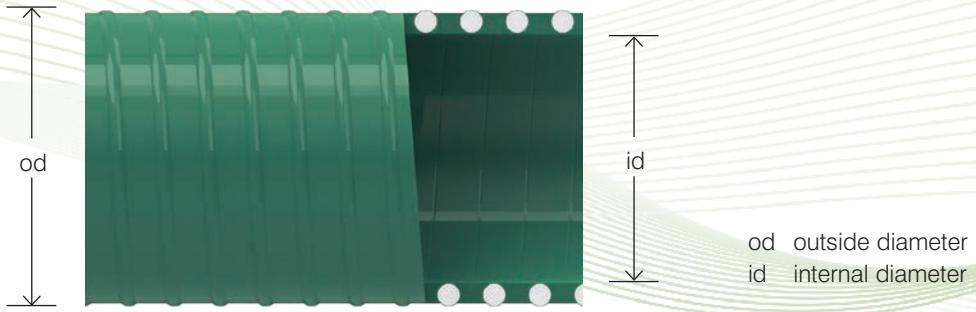
30m Coils up to 6"
50m Coils also available up to 80mm
10m Straight cured lengths over 6"

Special Features

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

GRIFLEX
hose & ducting solutions





CUXE - Super Elastic, Medium 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
CUXE10	1"	25.4	33.8	4.2	0.49	113	9	9.3	30 / 50
CUXEM28	Metric	28.0	36.6	4.3	0.53	128	9	8.5	30 / 50
CUXEM30	Metric	30.0	38.8	4.4	0.56	130	9	8	30 / 50
CUXE12	1 1/4"	32.0	40.8	4.4	0.58	144	9	8	30 / 50
CUXEM35	Metric	35.0	44.0	4.5	0.64	162	9	8	30 / 50
CUXE15	1 1/2"	38.0	47.0	4.5	0.68	171	9	8	30 / 50
CUXEM40	Metric	40.0	49.0	4.5	0.74	185	9	7.8	30 / 50
CUXEM45	Metric	45.0	55.0	4.6	0.90	204	9	7.5	30 / 50
CUXE20	2"	51.6	60.9	4.7	1.04	230	9	7.3	30 / 50
CUXEM60	Metric	60.0	71.2	5	1.25	270	9	6.9	30 / 50
CUXE25	2 1/2"	63.5	73.9	5.2	1.36	284	9	6.7	30 / 50
CUXE30	3"	76.0	87.6	5.8	1.70	342	9	6	30 / 50
CUXEM80	Metric	80.0	92.6	6.3	1.85	385	9	5.5	30 / 50
CUXE35	3 1/2"	90.0	103.7	6.85	2.06	401	9	5	30
CUXE40	4"	102.0	115.5	6.9	2.62	459	9	4.7	30
CUXE50	5"	127.0	141.0	7	3.49	572	8	4	30
CUXEM140	5 1/2"	140.0	155.0	7.5	4.03	646	8	3.4	30
CUXE60	6"	152.0	167.6	7.8	4.43	684	8	3.3	30
CUXE80	8"	204.0	228.0	12	7.76	914	8	2.7	10
CUXE100	10"	254.0	280.0	13	11.60	1143	8	2	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.

