

GRIFLEX

hose & ducting solutions



Also Available

- CPU - Polyurethane Ducting Hose
- VL - PVC Ducting Hose
- VHW - Heavy PVC Ducting Hose
- CVLFR - Flame Retardant High Flexibility Ducting Hose



CVL

High Flexibility Ducting Hose

High flexibility lightweight PVC ducting hose, reinforced with a rigid crush resistant white PVC helix. It is tough, flexible and extremely durable under normal operating conditions. The cross section is maintained even when highly flexed. Minimum frictional loss is achieved by the smooth bore.

CVLFR is manufactured from highly flexible flame retardant compound which conform to UL94V0 and is suitable for fume and air extraction where a flame retardant product is required.

Applications

Industrial vacuum cleaners and for the extraction of fumes, wood chippings and sawdust.

Construction

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

Colour

Standard - Dark Grey

Temperature Range

-10°C to +55°C

Size Range

1" to 10"

Standard Length

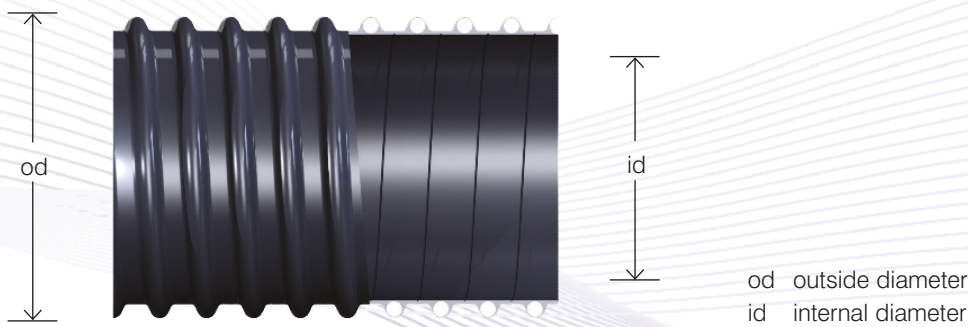
30m Coils Up to 6"

10m Coils Over 6"

Other lengths available subject to minimum order quantity

Special Features

- Optimum flow is maintained by the smooth bore
- Tough, flexible and extremely durable under normal operating conditions
- Crush resistant helix
- Cross section maintained even when highly flexed



CVL – High Flexibility Ducting 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
CVLM20	Metric	20	26.0	3.0	0.17	20	5	0.5	30
CVL10	1"	25.4	32.0	3.3	0.20	25	5	0.5	30
CVLM26	Metric	26	33.0	3.5	0.21	26	5	0.5	30
CVLM30	Metric	30	35.6	2.8	0.23	30	5	0.5	30
CVL12	1¼"	32	38.6	3.3	0.30	32	5	0.5	30
CVLM35	Metric	35	41.4	3.2	0.30	35	5	0.5	30
CVL15	1½"	38	44.8	3.4	0.34	38	5	0.5	30
CVLM40	Metric	40	46.6	3.3	0.33	40	5	0.5	30
CVLM45	Metric	45	51.6	3.3	0.37	45	5	0.5	30
CVL20	2	51.6	58.6	3.5	0.44	51	5	0.5	30
CVLM60	Metric	60	68.0	4.0	0.56	60	4	-	30
CVL25	2 ½"	63.5	71.5	4.0	0.65	63	4	-	30
CVL30	3	76	85.0	4.5	0.75	76	4	-	30
CVLM80	Metric	80	89.4	4.7	0.79	80	3	-	30
CVL35	3 ½"	90	99.0	4.5	0.80	89	3	-	30
CVL40	4	102	112.0	5.0	1.01	102	3	-	30
CVL50	5	127	138.0	5.5	1.36	127	3	-	30
CVLM140	5½"	140	152.5	6.3	1.60	140	3	-	30
CVL60	6	152	164.0	6.0	1.76	152	3	-	30
CVL80	8	204	218.0	7.0	2.65	203	3	-	10
CVL100	10	254	268.0	7.0	3.30	254	3	-	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.

