



## **CPU** Polyurethane Ducting Hose

### **Also Available**

- CPUAS - Anti-Static Polyurethane Ducting Hose

### **Description**

High flexibility polyurethane ducting hose, reinforced with a rigid crush resistant grey PVC helix. CPU ducting is manufactured from polyether polyurethane offering excellent resistance to hydrolysis. 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.

CPUAS has a nine strand copper wire bonded to the outside of the hose, enabling the discharge of static electricity.

### **Applications:**

CPU polyurethane ducting is suitable for use in abrasive applications on industrial vacuum cleaners and for the extraction of fumes, grit, sugar, grain, wood chippings & sawdust.

### **Construction**

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

### **Special Features**

- Optimum flow is maintained by the smooth bore
- Tough, flexible and extremely durable under normal operating conditions
- Crush resistant helix
- Excellent abrasion resistance
- Suitable for wet or dry media
- Cross section maintained even when highly flexed

### **Colour**

Standard - Clear, Grey Helix

### **Size Range**

1" to 10" ID

### **Standard Length**

25mm - 152mm - 20 metres

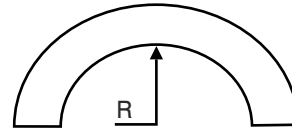
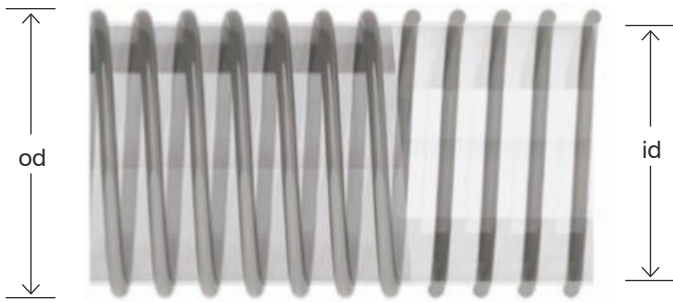
152mm - 254mm - 10 metres

Other coil lengths available subject to minimum order quantity

### **Temperature Range**

-25°C to +85°C

# CPU - Polyurethane Ducting Hose



od outside diameter  
id internal diameter

note: all dimensions in mm

## CPU - Polyurethane Ducting Hose, Clear with Grey Helix

Product Ref.	Internal Dia. mm	External Dia. mm	Wall Thickness Overall mm	Weight kg/Mtr	Min. Bend Radius mm	Vacuum Mtrs H <sub>2</sub> O	Working Pressure Bar	Coil Length Metres
CPU10	25.0	30.4	2.7	0.15	25	5	1.0	20
CPU12	32.0	38.0	3.0	0.20	32	5	0.5	20
CPU15	38.0	44.6	3.3	0.23	38	5	0.5	20
CPU20	51.0	58.0	3.5	0.34	51	5	0.5	20
CPU25	63.0	70.6	3.8	0.43	63	4	-	20
CPU30	76.0	84.8	4.4	0.55	76	4	-	20
CPU35	89.0	98.4	4.7	0.71	89	3	-	20
CPU40	102.0	112.4	5.2	0.82	102	3	-	20
CPU50	127.0	138.6	5.8	1.00	127	3	-	20
CPU60	152.0	164.8	6.4	1.37	152	3	-	20
CPU80	203.0	215.0	6.0	2.20	203	3	-	10
CPU100	254.0	269.0	7.5	3.05	254	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.

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hose & ducting solutions