



Also Available

- CPUAS - Anti-Static Polyurethane Ducting Hose

CPU

Polyurethane Ducting Hose

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. Suitable for food contact.

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. CPU is manufactured from FDA approved ingredients and meets European Food Regulation 10/2011. REACH compliant.

Colour

Standard - Clear, Grey Helix

Temperature Range

-25°C to +85°C

Size Range

1" to 8"

25.4mm to 203.0mm

Standard Length

Up to 6", 20 metres supplied in a coil

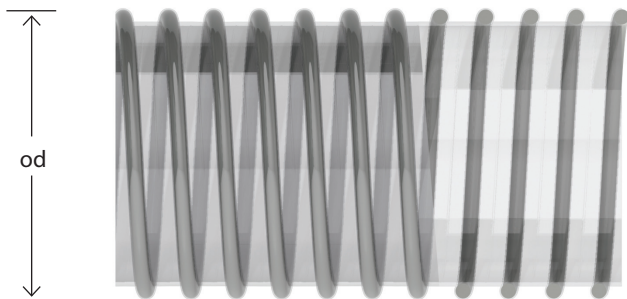
Over 6", 10 metres supplied in a straight length

Also available in straight lengths with couplings if required

Special Features

- 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
- Non-toxic
- Suitable for food contact





od outside diameter
id internal diameter



CPU - Polyurethane Ducting Hose, Clear with Grey Helix

| Product Ref. | Internal Dia. Inches | Internal Dia. mm | External Dia. mm | Wall Thickness Overall mm | Weight kg/Mtr | Min. Bend Radius Radius mm | Vacuum Mtrs H ₂ O | Working Pressure Bar | Coil Length Metres |
|--------------|----------------------|------------------|------------------|---------------------------|---------------|----------------------------|------------------------------|----------------------|--------------------|
| CPU10CLR | 1" | 25.4 | 30.5 | 2.8 | 0.14 | 25 | 5 | 1.0 | 10/20 |
| CPU12CLR | 1¼" | 32.0 | 38.0 | 3.2 | 0.20 | 32 | 5 | 0.6 | 10/20 |
| CPU15CLR | 1½" | 38.0 | 44.4 | 3.2 | 0.23 | 38 | 5 | 0.4 | 10/20 |
| CPU20CLR | 2" | 51.0 | 59.0 | 4.0 | 0.40 | 51 | 5 | 0.4 | 10/20 |
| CPU25CLR | 2½" | 63.0 | 70.6 | 3.8 | 0.45 | 63 | 4 | 0.3 | 10/20 |
| CPU30CLR | 3" | 76.0 | 84.8 | 4.8 | 0.70 | 76 | 4 | 0.3 | 10/20 |
| CPUM80CLR | Metric | 80.0 | 89.0 | 4.5 | 0.65 | 80 | 3 | 0.2 | 10/20 |
| CPU35CLR | 3½" | 89.0 | 98.4 | 4.9 | 0.75 | 89 | 3 | 0.2 | 20 |
| CPU40CLR | 4" | 102.0 | 113.0 | 5.0 | 0.80 | 102 | 3 | 0.2 | 5/10/20 |
| CPU50CLR | 5" | 127.0 | 138.6 | 6.0 | 1.30 | 127 | 3 | 0.15 | 20 |
| CPU60CLR | 6" | 152.0 | 164.4 | 6.2 | 1.50 | 152 | 3 | 0.1 | 5/20 |
| CPU80CLR | 8" | 203 | 215.4 | 6.2 | 2.30 | 203 | 3 | 0.1 | 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.