



if PP
industrial **fluid power** products



Also Available

- CPU - Polyurethane Ducting Hose
- CPUFR - Polyurethane Flame Retardant Ducting Hose
- VL - PVC Ducting Hose
- CV - Vacuum Extraction Hose



CPUAS

Polyurethane Anti-Static Ducting

High flexibility Polyurethane ducting hose containing nine strand copper wire enabling the discharge of static electricity. It is reinforced with a semi-rigid crush resistant PVC helix encapsulated in a polyether polyurethane cover 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.

Applications

CPUAS Polyurethane ducting is suitable for use in abrasive applications for the transfer of pellets and granules including the transfer of PVC pellets.

Construction

Rigid crush resistant anti-shock PVC Spiral helix and antistatic copper strands encapsulated in flexible Polyurethane cover, with a smooth inside wall with nine strand copperwire.

Colour

Standard - Black

Temperature Range

-25°C to +85°C

Size Range

1" to 8"

Standard Length

20m Coils Up to 6"

10m Coils Over 6"

Other lengths available subject to minimum order quantity

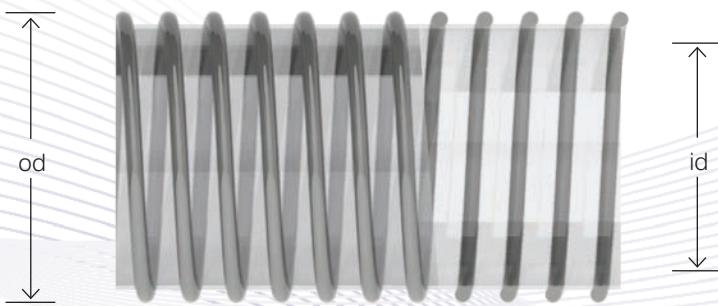
Special Features

- Tough, extremely flexible and durable
- Excellent abrasion resistance
- Excellent resistance to hydrolysis
- Stranded copper wire for static discharge
- Non-toxic EU10-2011 approved materials
- Outstanding resistance to the effects of weather
- Minimum frictional loss is achieved by the smooth bore
- Excellent chemical resistance

GRIFLEX

hose & ducting solutions





od outside diameter
id internal diameter

CPUAS - Polyurethane Anti-Static 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
CPUAS10	1"	25.4	31.0	2.8	0.14	25	5	1.0	20 / 10
CPUASM28	Metric	28.0	33.8	2.9	0.16	28	5	0.5	20
CPUASM30	Metric	30.0	35.8	2.9	0.17	30	5	0.5	20
CPUAS12	1 1/4"	32.0	38.4	3.2	0.2	32	5	0.5	20 / 10
CPUASM35	Metric	35.0	41.0	3.0	0.21	35	5	0.5	20
CPUAS15	1 1/2"	38.0	44.4	3.2	0.23	38	5	0.5	20 / 10
CPUASM40	Metric	40.0	46.0	3.0	0.23	40	5	-	20
CPUASM45	Metric	45.0	51.6	3.3	0.29	45	5	-	20
CPUAS20	2"	51.0	59.0	4.0	0.4	51	5	-	20 / 10
CPUASM60	Metric	60.0	68.0	4.0	0.46	60	4	-	20
CPUAS25	2 1/2"	63.0	70.6	3.8	0.45	63	4	-	20 / 10
CPUAS30	3"	76.0	85.6	4.8	0.7	76	4	-	20 / 10
CPUASM80	Metric	80.0	89.6	4.8	0.71	80	3	-	20
CPUAS35	3 1/2"	90.0	99.6	4.8	0.75	90	3	-	20 / 10
CPUAS40	4"	102.0	112.0	5.0	0.8	102	3	-	20 / 10 / 5
CPUAS50	5"	127.0	139.0	6.0	1.3	127	3	-	20
CPUASM140	5 1/2"	140.0	152.2	6.1	1.41	142	3	-	20
CPUAS60	6"	152.0	164.4	6.2	1.5	152	3	-	20 / 5
CPUAS80	8"	203.0	215.4	6.2	2.3	203	3	-	10
CPUAS100	10"	254.0	269.0	7.5	3	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.



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