



**if PP**  
industrial fluid power products

**NEW**

**Also Available**

- CDOR - Oil Resistant Water Delivery Hose
- CUOR - Oil Resistant, Medium Suction and Delivery Hose
- CSOR - Oil Resistant Heavy Duty Suction and Delivery Hose
- SFOR - Springflex™ Oil Resistant Hose



## **CUORAS**

### **Oil Resistant, Anti-Static Medium Duty Suction and Delivery Hose**

**A medium weight oil resistant PVC hose. It is reinforced with a semi-rigid crush resistant PVC helix and has antistatic copper strands encapsulated in a flexible PVC cover. Manufactured from a compound containing nitrile, this hose is designed for the transportation of fuel oils. Minimum frictional loss is achieved by the smooth bore.**

**Applications**

Fuel oils up to a 40% aromatic content including oil, diesel, kerosene, white spirit and mineral based hydraulic oils.

**Construction**

Crush resistant anti-shock PVC spiral helix and antistatic copper strands encapsulated in a flexible oil resistant PVC nitrile cover, with a smooth inside wall.

**Colour**

Standard - Blue

**Temperature Range**

-10°C to +55°C

**Size Range**

1" to 8"  
28mm to 140mm

**Standard Length**

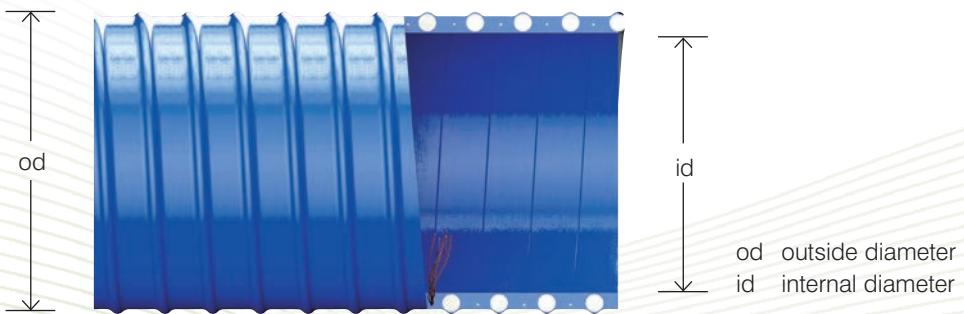
30m Coils up to 6"  
50m Coils also available up to 80mm  
10m Straight cured lengths over 6"

**Special Features**

- Stranded copper wire for static discharge
- Tough, super flexible and durable
- Outstanding resistance to the effects of weather
- Minimum frictional loss is achieved by the smooth bore
- Excellent chemical and oil resistance.

**GRIFLEX**  
hose & ducting solutions





### CUORAS - Anti-Static, Oil Resistant, Medium 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 <sub>2</sub> O	Working Pressure Bar	Coil Length Metres
CUORAS10	1"	25.4	33.8	4.2	0.49	113	9	9.3	30 / 50
CUORASM28	Metric	28.0	36.6	4.3	0.53	128	9	8.5	30 / 50
CUORASM30	Metric	30.0	38.8	4.4	0.56	130	9	8	30 / 50
CUORAS12	1 1/4"	32.0	40.8	4.4	0.58	144	9	8	30 / 50
CUORASM35	Metric	35.0	44.0	4.5	0.64	162	9	8	30 / 50
CUORAS15	1 1/2"	38.0	47.0	4.5	0.68	171	9	8	30 / 50
CUORASM40	Metric	40.0	49.0	4.5	0.74	185	9	7.8	30 / 50
CUORASM45	Metric	45.0	55.0	4.6	0.90	204	9	7.5	30 / 50
CUORAS20	2"	51.6	60.9	4.7	1.04	230	9	7.3	30 / 50
CUORASM60	Metric	60.0	71.2	5	1.25	270	9	6.9	30 / 50
CUORAS25	2 1/2"	63.5	73.9	5.2	1.36	284	9	6.7	30 / 50
CUORAS30	3"	76.0	87.6	5.8	1.70	342	9	6	30 / 50
CUORASM80	Metric	80.0	92.6	6.3	1.85	385	9	5.5	30 / 50
CUORAS35	3 1/2"	90.0	103.7	6.85	2.06	401	9	5	30
CUORAS40	4"	102.0	115.5	6.9	2.62	459	9	4.7	30
CUORAS50	5"	127.0	141.0	7	3.49	572	8	4	30
CUORASM140	5 1/2"	140.0	155.0	7.5	4.03	646	8	3.4	30
CUORAS60	6"	152.0	167.6	7.8	4.43	684	8	3.3	30
CUORAS80	8"	204.0	228.0	12	7.76	914	8	2.7	10
CUORAS100	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.

