



if PP
industrial **fluid power** products



Also Available

- CDOR - Oil Resistant Water Delivery Hose
- CUORAS - Anti-Static, Oil Resistant, Medium Suction and Delivery Hose
- CUOR - Oil Resistant, Medium Suction and Delivery Hose
- SFOR - Springflex™ Oil Resistant Hose



CSOR

Oil Resistant, Heavy Duty Suction and Delivery Hose

A heavy duty oil resistant PVC hose, reinforced with a semi-rigid crush resistant PVC helix.

Designed to operate under severe working conditions, this hose is tough, flexible and extremely durable under normal operating conditions. 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

Suction and delivery of fuel oils with a low aromatic content including oil, diesel, kerosene, white spirit and mineral based hydraulic oils.

Construction

Crush resistant anti-shock PVC spiral helix 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

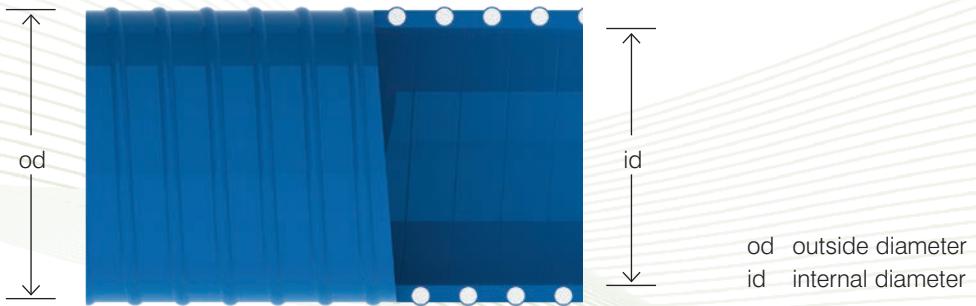
30m Coils up to 6"
50m Coils also available up to 80mm
10m Straight cured lengths over 6"

Special Features

- Resistant to a wide range of fuel oils
- Robust, heavy duty construction
- Tough, flexible and extremely durable under normal operating conditions
- Flexibility maintained even in colder temperatures
- Optimum flow is maintained by the smooth bore

GRIFLEX
hose & ducting solutions





CSOR - Oil Resistant, Heavy Duty 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 ₂ O	Working Pressure Bar	Coil Length Metres
CSOR10	1"	25.4	34.4	4.5	0.54	160	9	13.3	30 / 50
CSORM28	Metric	28	37.2	4.6	0.62	180	9	11.5	30 / 50
CSORM30	Metric	30	39.2	4.6	0.66	190	9	10.1	30 / 50
CSOR12	1 1/4"	32	41.2	4.6	0.68	200	9	10.0	30 / 50
CSORM35	Metric	35	44.6	4.8	0.78	220	9	8.8	30 / 50
CSOR15	1 1/2"	38	48.2	5.1	0.9	230	9	8.7	30 / 50
CSORM40	Metric	40	50.8	5.4	0.98	260	9	7.9	30 / 50
CSORM45	Metric	45	55.8	5.4	1.17	280	9	7.5	30 / 50
CSOR20	2"	51.6	62.8	5.6	1.3	300	9	7.3	30 / 50
CSORM60	Metric	60	72.0	6.0	1.47	380	9	5.8	30 / 50
CSOR25	2 1/2"	63.5	75.7	6.1	1.6	370	9	6.0	30 / 50
CSOR30	3"	76	89.2	6.6	1.96	450	9	5.7	30 / 50
CSORM80	Metric	80	93.0	6.5	2.23	530	9	4.8	30 / 50
CSOR35	3 1/2"	90	104.0	7.0	2.26	550	9	5.0	30
CSOR40	4"	102	118.0	8.0	3.64	630	9	4.3	30
CSOR50	5"	127	144.2	8.6	4.83	850	8	4.0	30
CSORM140	5 1/2"	140	159.6	9.8	6.06	1000	8	3.7	30
CSOR60	6"	152	172.4	10.2	6.83	1100	8	3.7	30
CSOR80	8"	204	227.0	11.5	10.3	2030	8	3.3	10
CSOR100	10"	254	282.0	14.0	15.23	2540	8	2.0	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.

