

# GRIFLEX

hose & ducting solutions

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
- SFBOR - Springflex™ Braided Oil Resistant Hose



## SFOR Springflex™

### Oil Resistant

An extremely tough and flexible wire reinforced, oil resistant PVC hose. Excellent resistance to pressure, vacuum, abrasion and accidental crushing with accurate pitch and placement of high tensile carbon steel helix preventing bulging and bursting. Highly flexible over a wide temperature range. Smooth bore reduces flow loss. Suitable for fuel oils up to a 40% aromatic content including oil, diesel, kerosene, white spirit and mineral based hydraulic oils.

#### Applications

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

#### Construction

High tensile carbon steel wire and high tensile polyester fibres encapsulated in a black flexible oil resistant PVC nitrile cover, with a smooth inside wall.

#### Colour

Black  
Other colours available subject to minimum order quantity

#### Temperature Range

-10°C to +55°C

#### Size Range

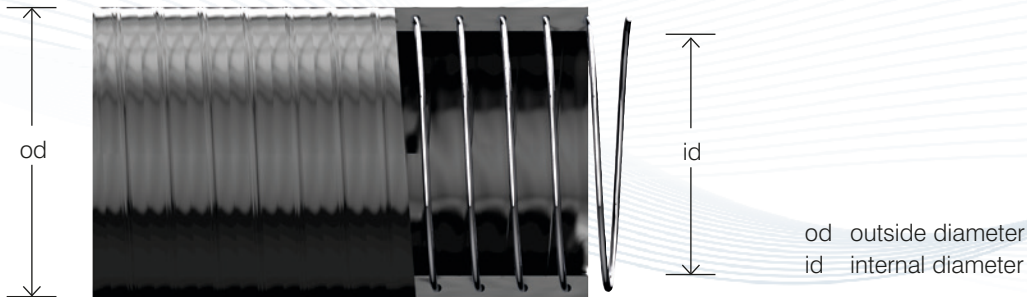
3/8" to 6"  
35mm to 80mm

#### Standard Length

30m Coils up to 5"  
50m Coils also available up to 80mm  
20m Coils for 6"  
Other lengths available subject to minimum order quantity.

#### Special Features

- Very high working pressures
- Very good for vacuum
- Exceptional kink and crush resistance from high tensile steel spiral
- Tough, very flexible and extremely durable
- Outstanding resistance to the effects of weather
- Minimum frictional loss is achieved by the smooth bore
- Excellent chemical and oil resistance



### SFOR - Springflex™ Oil Resistant 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
SFOR04	3/8"	10	16.2	3.1	0.18	25	9	12.0	30 / 50
SFOR05	1/2"	13	19.2	3.1	0.21	26	9	12.0	30 / 50
SFOR06	5/8"	16	22.2	3.1	0.25	32	9	10.5	30 / 50
SFOR07	3/4"	19	26.0	3.5	0.33	45	9	9.0	30 / 50
SFOR10	1"	25	33.0	4.0	0.52	50	9	8.5	30 / 50
SFOR12	1 1/4"	32	40.2	4.1	0.66	80	9	8.0	30 / 50
SFORM35	Metric	35	43.6	4.3	0.75	91	9	8.0	30 / 50
SFOR15	1 1/2"	38	47.0	4.5	0.8	95	9	8.0	30 / 50
SFORM45	Metric	45	55.0	5.0	1.15	110	9	8.0	30 / 50
SFOR20	2"	51	61.8	5.4	1.3	128	9	7.0	30 / 50
SFORM60	Metric	60	72.0	5.5	1.75	150	9	6.0	30 / 50
SFOR25	2 1/2"	63	74.0	5.5	1.8	158	9	5.5	30 / 50
SFOR30	3"	76	89.6	6.8	2.3	190	9	4.7	30 / 50
SFORM80	Metric	80	92.6	6.3	2.5	320	9	3.5	30 / 50
SFOR35	3 1/2"	90	103.0	6.5	2.9	360	9	3.5	30
SFOR40	4"	102	118.0	8.0	3.7	408	9	3.0	30
SFOR50	5"	127	143.2	8.1	4.7	508	9	2.5	30
SFOR60	6"	152	170.4	9.2	6.9	608	9	2.0	20

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.

