

GRIFLEX

hose & ducting solutions



Also Available

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



SFBOR Springflex™

Braided Oil Resistant Springflex™ Hose

Springflex™ braided oil resistant is manufactured from thermoplastic PVC Nitrile compound. It is constructed with an embedded steel spiral and polyester yarn reinforcement. The hose is extremely tough and flexible designed for the transportation of fuel oils. It offers excellent resistance to pressure, vacuum, abrasion and accidental crushing. The accurate pitch and placement of the high tensile carbon steel helix prevents bulging and bursting it remains highly flexible over a wide temperature range.

Applications

Suitable for the suction and delivery of water, slurries, granules, foodstuffs and dilute chemicals. SFBOR Springflex™ is ideally suited to applications in the agricultural, plastics handling, marine and construction industries. SFBOR Springflex™ is UV compounded to resist atmospheric conditions and is ideally suited to external applications. Suitable for the suction and delivery of 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

Standard - Black with Red Stripe
Other colours available subject to minimum order quantity

Temperature Range

-10°C to +55°C

Size Range

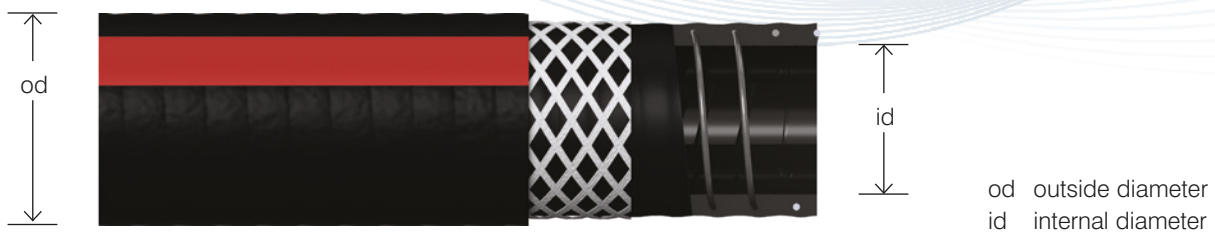
3/8" to 2", 2 1/2" to 4" late 2019
35 and 45mm, 60 and 80mm late 2019

Standard Length

30m Coils
50m Coils also available up to 80mm
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



SFBOR - Springflex™ Braided 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 ₂ O	Working Pressure Bar	Coil Length Metres
SFBOR04	3/8"	10	19.0	4.5	0.4	25	9	30.0	30 / 50
SFBOR05	1/2"	13	22.0	4.5	0.5	30	9	30.0	30 / 50
SFBOR06	5/8"	16	25.0	4.5	0.6	35	9	25.0	30 / 50
SFBOR07	3/4"	19	28.0	4.5	0.7	40	9	20.0	30 / 50
SFBOR10	1"	25	36.9	6.0	1.2	60	9	18.0	30 / 50
SFBOR12	1 1/4"	32	43.0	5.5	1.4	80	9	16.0	30 / 50
SFBORM35	Metric	35	46.8	5.9	1.6	95	9	14.0	30 / 50
SFBOR15	1 1/2"	38	50.0	6.0	1.8	100	9	14.0	30 / 50
SFBORM45	Metric	45	58.0	6.5	2.4	120	9	12.0	30 / 50
SFBOR20	2"	51	65.0	7.0	2.8	130	9	12.0	30 / 50
SFBORM60	Metric	60	74.2	7.1	3.6	200	9	9.5	30 / 50
SFBOR25	2 1/2"	63	77.2	7.1	3.7	210	9	8.5	30 / 50
SFBOR35	3"	76	92.8	8.4	5.0	250	9	7.5	30 / 50
SFBORM80	Metric	80	96.0	8.0	5.2	300	9	5.0	30 / 50
SFBOR35	3 1/2"	90	106.4	8.2	6.0	350	9	5.0	30.0
SFBOR40	4"	102	122.0	10.0	8.0	400	9	4.5	30.0

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.

