GRIFLEX
hose & ducting solutions

Also Available

- CDOR - Oil Resistant Water Delivery Hose
- SFBOR - Springflex™ Braided Oil Resistant Hose
- SFOR - Springflex™ Oil Resistant Hose
- SFXE - Springflex™ Super Elastic

SFXEBOR Springflex™

DEHP FREE (DEHP<0.1%) REACh RoHS COMPLIANT

Braided Oil Resistant Super Elastic Springflex™

Springflex™ Super Elastic 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 super 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/or bursting, whilst it remains highly flexible over a wide temperature range.

Applications

SFXEBOR Springflex™ uses advanced flexible materials to maintain performance at lower operating temperatures. Suitable for the suction and delivery of fuel oils up to a 40% aromatic content including oil, AdBlue, diesel, bio-diesel, kerosene, white spirit and mineral based hydraulic oils. SFXEBOR Springflex™ is ideally suited to applications in the agricultural, plastics handling, marine and construction industries.

Construction

High tensile carbon steel wire and high tensile polyester fibres encapsulated in a black super 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

-20°C to +80°C

Size Range

$^{3}/_{8}$" to 2"
35mm & 45mm
Additional sizes coming soon

Standard Length

30m Coils
Other lengths available subject to minimum order quantity

Special Features

- High working pressures
- Very good for vacuum
- Exceptional kink and crush resistance from high tensile steel spiral
- Tough, super 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

od outside diameter
id internal diameter

SFXEBOR - Springflex™ Super Elastic 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_2O	Working Pressure Bar	Burst Pressure Bar	Coil Length Metres
SFXEBOR04	3/8"	10	19.0	4.5	0.4	20	9	24	72	30 / 50
SFXEBOR05	1/2"	13	22.0	4.5	0.5	25	9	24	72	30 / 50
SFXEBOR06	5/8"	16	25.0	4.5	0.6	30	9	20	60	30 / 50
SFXEBOR07	3/4"	19	28.0	4.5	0.7	35	9	16	48	30 / 50
SFXEBOR10	1"	25	36.9	6.0	1.2	50	9	15	45	30 / 50
SFXEBOR12	1¼"	32	43.0	5.5	1.4	65	9	13.3	40	30 / 50
SFXEBORM35	Metric	35	46.8	5.9	1.6	75	9	11.6	35	30 / 50
SFXEBOR15	1½"	38	50.0	6.0	1.8	80	9	11.6	35	30 / 50
SFXEBORM45	Metric	45	58.0	6.5	2.4	95	9	10	30	30 / 50
SFXEBOR20	2"	51	65.0	7.0	2.8	105	9	10	30	30 / 50

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.