GRIFLEX

hose & ducting solutions

Also Available

- SF - Clear/Wire Reinforced Hose
- SFPUL - Springflex™ PU Lined
- SFOR - Springflex™ Oil Resistant Hose
- SFBFG - Springflex™ Non-Toxic Braided Hose

SFXE-Springflex™ Super Elastic

Non-Toxic, Wire Reinforced Heavy Duty Hose

Springflex™ Super Elastic is an extremely tough and super flexible non-toxic transparent PVC hose, allowing easy identification of blockages. UV compounded to maintain clarity. Excellent resistance to pressure, vacuum, abrasion and accidental crushing with accurate pitch and placement of high tensile carbon steel helix preventing bulging and bursting. The super elastic material provides greater flexibility over a wide temperature range. Smooth bore reduces flow loss.

Applications

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

Construction

High tensile carbon steel wire encapsulated in transparent non-toxic flexible PVC.

Colour

Standard - Clear

Other colours available subject to minimum order quantity

Temperature Range

-10°C to +60°C

Size Range

$^{3}/_{8}$" to 6"

35mm to 80mm

Standard Length

30m Coils up to 5"

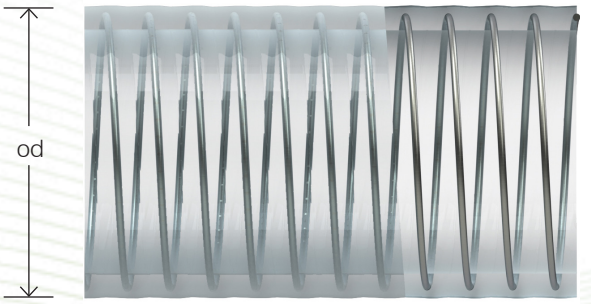
50m Coils also available up to 80mm

20m Coils for 6"

Other lengths available subject to minimum order quantity

Special Features

- Very high working pressures
- Very good for vacuum
- Two layers of food quality PVC
- 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 resistance
- Super elastic material provides minimal bend radius.



SFXE - Springflex™ Super Elastic Wire Reinforced 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	Coil Length Metres
SFXE04	3/8"	10	16.2	3.1	0.18	20	9.5	10.0	30 / 50
SFXE05	1/2"	13	19.2	3.1	0.21	20	9.5	8.0	30 / 50
SFXE06	5/8"	16	22.2	3.1	0.28	25	9.5	9.0	30 / 50
SFXE07	3/4"	19	26.0	3.5	0.32	35	9.5	7.5	30 / 50 / 10 / 5
SFXEM20	3/4"	20	27.0	3.5	0.34	35	9.5	7.5	30 / 50
SFXE10	1"	25	33.0	4.0	0.52	40	9.5	7.0	30 / 50 / 10 / 5
SFXE12	1 1/4"	32	40.2	4.1	0.66	65	9.5	7.0	30 / 50 / 10 / 5
SFXEM35	Metric	35	43.6	4.3	0.75	75	9.5	7.0	30 / 50
SFXE15	1 1/2"	38	47.0	4.5	0.8	75	9.5	7.0	30 / 50 / 10 / 5
SFXEM45	Metric	45	55.0	5.0	1.15	90	9.5	7.0	30 / 50
SFXE20	2"	51	61.8	5.4	1.3	100	9.5	6.0	30 / 50 / 10 / 5
SFXEM60	Metric	60	72.0	5.5	1.75	120	9	5.0	30 / 50
SFXE25	2 1/2"	63	74.0	5.5	1.8	125	9	4.5	30 / 50
SFXE30	3"	76	89.6	6.8	2.3	150	9	4.0	30 / 50 / 10 / 5
SFXEM80	Metric	80	92.6	6.3	2.5	220	9	3.0	30 / 50
SFXE35	3 1/2"	89	103.6	7.3	3.0	260	9	3.0	30
SFXE40	4"	102	118.0	8.0	3.7	300	9	2.5	30
SFXE50	5"	127	143.2	8.1	4.7	350	9	2.0	30
SFXE60	6"	152	170.4	9.2	6.9	450	9	1.5	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.