



Also Available

- SFB - Springflex™ Braided Hose
- SFBOR - Springflex™ Braided Oil Resistant Hose

SF-Springflex™

Clear/Wire Reinforced Suction & Delivery Hose

Springflex™ is an extremely tough and 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 fine pitch and placement of galvanised steel helix spring preventing bulging and bursting. Highly flexible over a wide temperature range. Smooth bore reduces flow loss. Suitable for food contact.

SFB is reinforced with high tensile polyester fibres is manufactured from non toxic compounds. This hose is designed for more arduous applications.

SFBOR is manufactured from compounds containing nitrile and is reinforced with high tensile polyester fibres, this hose is designed for the transportation of fuel oils in higher pressure applications.

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™ is UV compounded to resist atmospheric conditions and is ideally suited to external applications.

Construction

Fine pitch galvanised steel wire spring encapsulated in transparent non-toxic flexible PVC. Both layers of PVC are manufactured from FDA approved ingredients. REACH compliant, DEHP free and less than 0.1% ortho - phthalates.

Colour

Clear. Other colours are available subject to minimum order quantity

Temperature Range

-10°C to +55°C

Size Range

½" to 6"

13.0mm to 152.0mm

Standard Length

Up to 5", 30 metres supplied in a coil

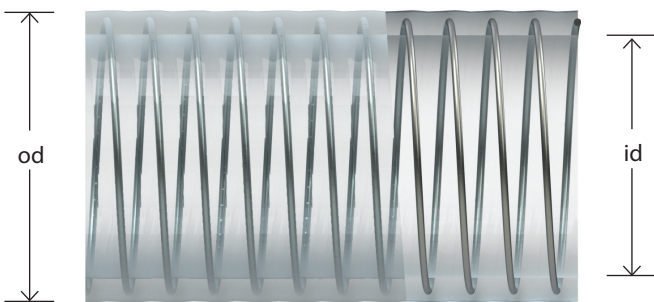
Over 5", 20 metres supplied in a coil

Other coil lengths available subject to minimum order quantity

Special Features

- Non-toxic and suitable for food applications
- Resistant to full vacuum
- UV compounded to maintain clarity
- Can be 'knocked back' if flattened
- Optimum flow is maintained by the smooth bore
- Anti-static feature
- Tough, flexible and extremely durable under normal operating conditions
- Independently tested to European Food Regulation 10/2011. Suitable for repeat use with all food types (excluding fatty foods) at full temperature range.





od outside diameter
id internal diameter



SF - Springflex™ Clear/Wire Reinforced Suction & Delivery Hose

Product Ref.	Internal Dia. Inches	Internal Dia. mm	External Dia. mm	Wall Thickness Overall mm	Weight kg/Mtr	Min. Bend Radius Radius mm	Vacuum Mtrs H ₂ O	Working Pressure Bar	Coil Length Metres
SF05	½"	13.0	19.2	3.1	0.21	26	9	12.0	30
SF06	⅝"	16.0	22.2	3.1	0.25	32	9	10.5	30
SF07	¾"	19.0	26.0	3.5	0.33	38	9	11.0	5/10/30
SF10	1"	25.0	33.0	4.0	0.52	50	9	10.0	5/10/30
SF12	1¼"	32.0	40.2	4.1	0.66	80	9	9.0	5/10/30
SF15	1½"	38.0	47.0	4.5	0.80	95	9	9.0	5/10/30
SFM45	1¾"	45.0	55.0	5.0	1.15	110	9	8.0	30
SF20	2"	51.0	61.8	5.4	1.30	128	9	7.0	5/10/30
SFM60	2¼"	60.0	72.0	6.0	1.75	150	9	6.0	30
SF25	2½"	63.0	74.0	5.5	1.80	158	9	6.0	30
SF30	3"	76.0	89.6	6.8	2.30	190	9	4.7	5/10/30
SF35	3½"	89.0	103.0	7.0	2.90	225	9	4.0	30
SF40	4"	102.0	118.0	8.0	3.70	255	9	3.0	30
SF50	5"	127.0	143.2	8.1	4.70	381	9	3.0	30
SF60	6"	152.0	170.4	9.2	6.90	456	9	2.5	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.