



## SF-Springflex™

### Non-Toxic Clear/Wire Reinforced Suction & Delivery Hose

#### Description

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 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.

#### Applications:

Suitable for the suction and delivery of water, slurries, granules and dilute chemicals. Springflex™ is ideally suited to applications in the agricultural, food processing, plastics handling, marine & construction industries. Springflex™ 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. Both layers of PVC are manufactured from FDA approved ingredients and is suitable for food contact applications.

#### Special Features

- Optimum flow is maintained by the smooth bore
- Non-toxic
- Resistant to full vacuum
- UV compounded to maintain clarity
- Can be 'knocked back' if flattened

- Anti-static feature
- Tough, flexible and extremely durable under normal operating conditions

#### Colour

Clear. Other colours are available subject to minimum order quantity

#### Size Range

13mm to 152mm ID  
(1/2" to 6")

#### Standard Length

13mm - 127mm - 30 metres  
128mm - 152mm - 20 metres  
Other coil lengths available subject to minimum order quantity

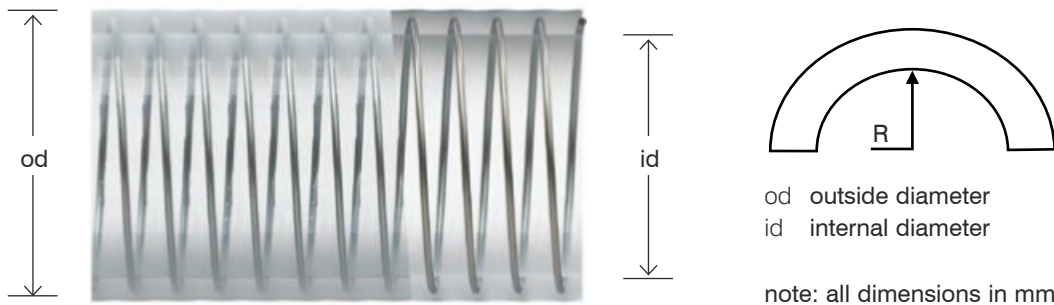
#### Temperature Range

-10°C to +55°C

#### Also Available

- **SFBOR** - Springflex™ braided oil resistant hose 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.
- **SFBFG** - Springflex™ braided non-toxic hose is manufactured from non-toxic compounds and is reinforced with high tensile polyester fibres, this hose is designed for more arduous food processing applications.

# SF - Springflex™ Wire Reinforced Suction & Delivery Hose



## SF - Springflex™ Wire Reinforced Suction & Delivery Hose, Clear

Product Ref.	Internal Dia. mm	Nominal Internal Dia. Inches	External Dia. mm	Wall Thickness Overall mm	Weight Kg/Mtr	Min. Bend Radius mm	Vacuum Mtrs H <sub>2</sub> O	Working Pressure Bar	Coil Length Metres
SF05	13.0	1/2	19.2	3.1	0.21	26	9	12.0	30
SF06	16.0	5/8	22.2	3.1	0.25	32	9	10.5	30
SF07	19.0	3/4	26.0	3.5	0.33	38	9	11.0	30
SF10	25.0	1	33.0	4.0	0.52	50	9	10.0	30
SF12	32.0	1 1/4	40.2	4.1	0.66	80	9	9.0	30
SF15	38.0	1 1/2	47.0	4.5	0.80	95	9	9.0	30
SFM45	45.0	1 3/4	55.0	5.0	1.15	110	9	8.0	30
SF20	51.0	2	61.8	5.4	1.30	128	9	7.0	30
SFM60	60.0	2 1/4	72.0	6.0	1.75	150	9	6.0	30
SF25	63.0	2 1/2	74.0	5.5	1.80	158	9	6.0	30
SF30	76.0	3	89.6	6.8	2.30	190	9	4.7	30
SF35	89.0	3 1/2	103.0	7.0	2.90	225	9	4.0	30
SF40	102.0	4	118.0	8.0	3.70	255	9	3.0	30
SF50	127.0	5	143.2	8.1	4.70	381	9	3.0	30
SF60	152.0	6	170.4	9.2	6.90	456	9	2.5	20

All sizes are nominal and normal manufacturing tolerances apply.

For further information please call Griflex on 01675 464803.

- (i) Maximum working pressure is based on a factor of safety of 3:1 on burst pressure at 23°C (+/- 2°C). Working pressure reduces with increasing temperatures.
- (ii) Lengths detailed above are as standard, however variations may be available subject to minimum order quantities. Weights are approximate dependant upon working tolerance and density of materials.
- (iii) Bending diameter information is intended as a guide to the minimum bend radius at 23°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.
- (iv) Errors, omissions and amendments excepted. As part of continuing product development GRIFLEX reserve the right to alter product specifications without prior notice. Data given is correct at time of compilation. Product specification and application data is for guidance only and does not constitute a warranty of any kind, either expressed or implied for GRIFLEX products or their suitability for a specific purpose.

**GRIFLEX**  
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