

# GRIFLEX

hose & ducting solutions

NEW

#### Also Available

- CDFG - Non-Toxic Delivery Hose
- WF - Clear/Wire Reinforced Hose
- SF - Springflex™ Clear/Wire Reinforced Hose
- SFBOR - Springflex™ Braided Oil Resistant Hose



## SFBFG

### Braided Non-Toxic

Springflex™ braided food quality hose is manufactured from two layers of soft PVC compound. It is constructed with a steel spiral embedded in the first layer and polyester yarn reinforcement between the first and second layer. This heavy duty hose is extremely tough and flexible and designed for the suction and delivery of liquid foodstuffs in arduous applications.

#### Applications

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

#### Construction

High tensile carbon steel wire and high tensile polyester fibres encapsulated in two layers of PVC with a smooth inside wall.

#### Colour

Standard - Clear with Black 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

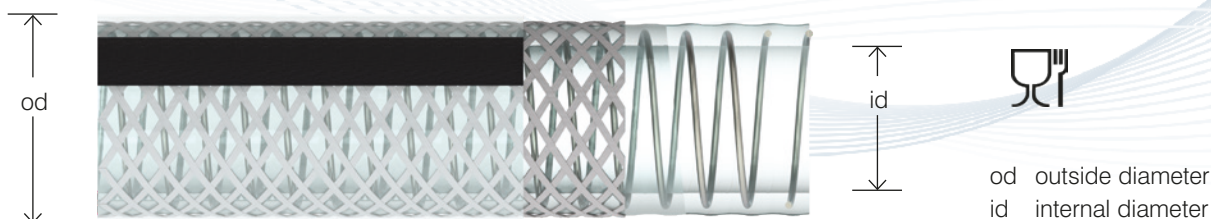
30m Coils

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
- 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



### SFBFG - Springflex™ Non-Toxic Braided 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 <sub>2</sub> O	Working Pressure Bar	Coil Length Metres
SFBFG04	3/8"	10	19.0	4.5	0.4	25	9	30.0	30 / 50
SFBFG05	1/2"	13	22.0	4.5	0.5	30	9	30.0	30 / 50
SFBFG06	5/8"	16	25.0	4.5	0.6	35	9	25.0	30 / 50
SFBFG07	3/4"	19	28.0	4.5	0.7	40	9	20.0	30 / 50
SFBFG10	1"	25	36.9	6.0	1.2	60	9	18.0	30 / 50
SFBFG12	1 1/4"	32	43.0	5.5	1.4	80	9	16.0	30 / 50
SFBFGM35	Metric	35	46.8	5.9	1.6	95	9	14.0	30 / 50
SFBFG15	1 1/2"	38	50.0	6.0	1.8	100	9	14.0	30 / 50
SFBFGM45	Metric	45	58.0	6.5	2.4	120	9	12.0	30 / 50
SFBFG20	2"	51	65.0	7.0	2.8	130	9	12.0	30 / 50
SFBFGM60	Metric	60	74.2	7.1	3.6	200	9	9.5	31 / 50
SFBFG25	2 1/2"	63	77.2	7.1	3.7	210	9	8.5	30 / 50
SFBFG35	3"	76	92.8	8.4	5.0	250	9	7.5	30 / 50
SFBFGM80	Metric	80	96.0	8.0	5.2	300	9	5.0	30 / 50
SFBFG35	3 1/2"	90	106.4	8.2	6.0	350	9	5.0	30.0
SFBFG40	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.

