



# GRIFLEX

hose & ducting solutions

**NEW**

#### Also Available

- CSH - Sanitation Hose
- WFSH - Wireflex Sanitation Hose
- SFOR - Springflex™ Oil Resistant Hose
- SFBFG - Springflex™ Non-Toxic Braided Hose



## SFSH Springflex™

### Sanitation Hose

Springflex™ Sanitation is an extremely tough and flexible wire reinforced, non toxic hose manufactured from an odour resistant PVC material. UV resistant compound for a long service life with excellent flexibility. 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

Transportation of liquids and slurry within the marina, boat and caravan market places. This hose is resistant to most cleaning chemicals and detergents.

#### Construction

High tensile carbon steel wire encapsulated in white permeation resistant flexible PVC.

#### Colour

White

#### Temperature Range

-10°C to +55°C

#### Size Range

3/8" to 4"  
35mm to 80mm

#### Standard Length

30m and 50m coils

#### Special Features

- Smooth outer for easy cleaning
- Odour resistant compound for sanitation uses
- Very high working pressures
- Very good for vacuum
- 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



### SFSH – Springflex™ Sanitation 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
SFSH04	3/8"	10	16.2	3.1	0.18	25	9	12.0	30 / 50
SFSH05	1/2"	13	19.2	3.1	0.21	26	9	12.0	30 / 50
SFSH06	5/8"	16	22.2	3.1	0.25	32	9	10.5	30 / 50
SFSH07	3/4"	19	26.0	3.5	0.33	45	9	9.0	30 / 50
SFSH10	1"	25	33.0	4.0	0.52	50	9	8.5	30 / 50
SFSH12	1 1/4"	32	40.2	4.1	0.66	80	9	8.0	30 / 50
SFSHM35	Metric	35	43.6	4.3	0.75	91	9	8.0	30 / 50
SFSH15	1 1/2"	38	47.0	4.5	0.8	95	9	8.0	30 / 50
SFSHM45	Metric	45	55.0	5.0	1.15	110	9	8.0	30 / 50
SFSH20	2"	51	61.8	5.4	1.3	128	9	7.0	30 / 50
SFSHM60	Metric	60	72.0	5.5	1.75	150	9	6.0	30 / 50
SFSH25	2 1/2"	63	74.0	5.5	1.8	158	9	5.5	30 / 50
SFSH30	3"	76	89.6	6.8	2.3	190	9	4.7	30 / 50
SFSHM80	Metric	80	92.6	6.3	2.5	320	9	3.5	30 / 50
SFSH35	3 1/2"	90	103.0	6.5	2.9	360	9	3.5	30
SFSH40	4"	102	118.0	8.0	3.7	408	9	3.0	30
SFSH50	5"	127	143.2	8.1	4.7	508	9	2.5	30
SFSH60	6"	152	170.4	9.2	6.9	608	9	2.0	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.

