

GRIFLEX

hose & ducting solutions



Also Available

- WF - Clear/Wire Reinforced Hose
- SF - Springflex™ Clear/Wire Reinforced Hose
- FP - Clear Polyurethane Tubing
- CPU - Polyurethane Ducting Hose



SFPUL Springflex™

PU Lined

Springflex™ PU Lined is an extremely tough and flexible wire reinforced, non toxic PVC hose with an increased wear resistance PU inner for transfer of abrasive materials. Transparent to allow easy identification of blockages and 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

Water, slurries, granules, foodstuffs and dilute chemicals. Springflex PU is ideally suited for applications in the agricultural, food processing, plastics handling, marine and construction industries.

Construction

High tensile carbon steel wire encapsulated in transparent non-toxic flexible PVC. Incorporating a Polyurethane inner liner. Smooth internal bore with smooth outer surface.

Colour

Standard - Clear
Other colours available subject to minimum order quantity

Temperature Range

-10°C to +55°C

Size Range

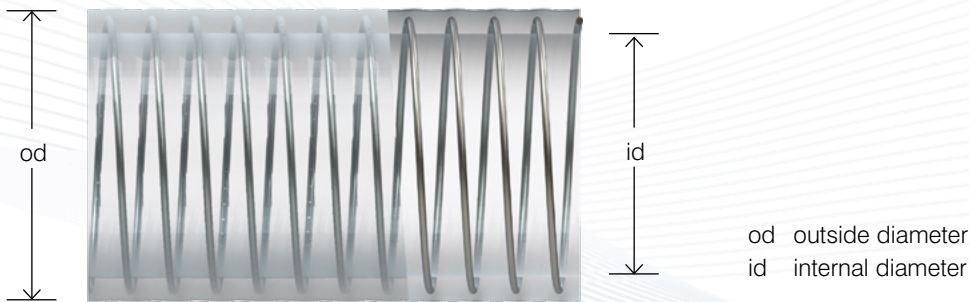
¾" to 4"

Standard Length

30 metre supplied in a coil.

Special Features

- Increased wear resistance PU inner for transfer of abrasive materials
- 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



SFPUL – Springflex™ PU Lined

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 ₂ O	Working Pressure Bar	Coil Length Metres
SFPUL04	3/8"	10	16.2	3.1	0.20	25	9	12.0	30 / 50
SFPUL05	1/2"	13	19.2	3.1	0.23	26	9	12.0	30 / 50
SFPUL06	5/8"	16	22.2	3.1	0.30	32	9	10.5	30 / 50
SFPUL07	3/4"	19	26.0	3.5	0.35	45	9	9.0	30 / 50
SFPULM20	3/4"	20	27	3.5	0.37	48	9	9.0	30 / 50
SFPUL10	1"	25	33.0	4.0	0.55	50	9	8.5	30 / 50
SFPUL12	1 1/4"	32	40.2	4.1	0.70	80	9	8.0	30 / 50
SFPULM35	Metric	35	43.6	4.3	0.79	91	9	8.0	30 / 50
SFPUL15	1 1/2"	38	47.0	4.5	0.85	95	9	8.0	30 / 50
SFPULM45	Metric	45	55.0	5.0	1.20	110	9	8.0	30 / 50
SFPUL20	2"	51	61.8	5.4	1.36	128	9	7.0	30 / 50
SFPULM60	Metric	60	72.0	5.5	1.82	150	9	6.0	30 / 50
SFPUL25	2 1/2"	63	74.0	5.5	1.87	158	9	5.5	30 / 50
SFPUL30	3"	76	89.6	6.8	2.39	190	9	4.7	30 / 50
SFPULM80	Metric	80	92.6	6.3	2.59	320	9	3.5	30 / 50
SFPUL35	3 1/2"	90	103.0	6.5	3.00	360	9	3.5	30
SFPUL40	4"	102	118.0	8.0	3.82	408	9	3.0	30
SFPUL50	5"	127	143.2	8.1	4.84	508	9	2.5	30
SFPUL60	6"	152	170.4	9.2	7.07	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.

