

GRIFLEX

hose & ducting solutions

NEW

Also Available

- WFUV - Wireflex, Extra UV Resistance
- WFSH - Wireflex Sanitation Hose
- WFB - Wireflex Braided
- SF - Springflex™ Clear/Wire Reinforced Hose



WF

Wireflex

An extremely tough and flexible wire reinforced transparent PVC hose, allowing easy identification of blockages. Excellent resistance to pressure, vacuum, kinking and accidental crushing. Highly flexible over a wide temperature range. It has a smooth bore to reduce flow loss.

Applications

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

Construction

High tensile carbon steel wire encapsulated in transparent flexible PVC.

Colour

Standard - Clear Other colours available subject to minimum order quantity

Temperature Range

-10°C to +55°C

Size Range

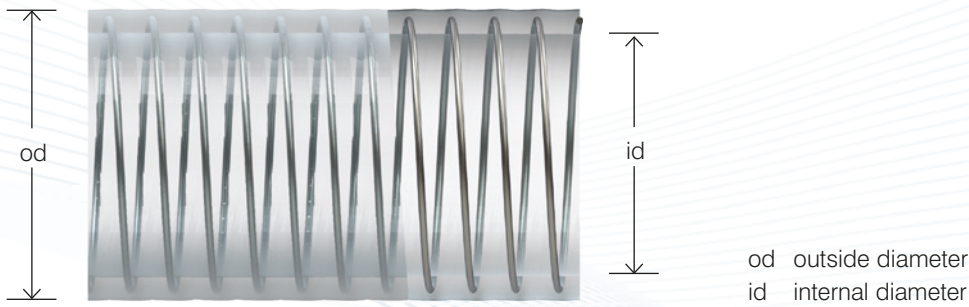
3/8" to 6"
35mm to 80mm

Standard Length

30m Coils up to 5"
50m Coils also available up to 80mm
20m Coils for 6"
Other lengths available subject to minimum order quantity

Special Features

- 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



WF - Wireflex Clear/Wire Reinforced Suction and Delivery 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 ₂ O	Working Pressure Bar	Coil Length Metres
WF04	3/8"	10	16.2	3.1	0.18	25	9	10.0	30 / 50
WF05	1/2"	13	19.2	3.1	0.21	26	9	10.0	30 / 50
WF06	5/8"	16	22.2	3.1	0.28	32	9	9.0	30 / 50
WF07	3/4"	19	26.0	3.5	0.32	45	9	7.5	30 / 50 / 10 / 5
WF10	1"	25	33.0	4.0	0.52	50	9	7.0	30 / 50 / 10 / 5
WF12	1 1/4"	32	40.2	4.1	0.66	80	9	7.0	30 / 50 / 10 / 5
WFM35	Metric	35	43.6	4.3	0.75	91	9	7.0	30 / 50 / 10 / 5
WF15	1 1/2"	38	47.0	4.5	0.8	95	9	7.0	30 / 50 / 5
WFM45	Metric	45	55.0	5.0	1.15	110	9	7.0	30 / 50
WF20	2"	51	61.8	5.4	1.3	128	9	6.0	30 / 50 / 10 / 5
WFM60	Metric	60	72.0	5.5	1.75	150	9	5.0	30 / 50 / 10 / 5
WF25	2 1/2"	63	74.0	5.5	1.8	158	9	4.5	30 / 50
WF30	3"	76	89.6	6.8	2.3	190	9	4.0	30 / 50 / 10 / 5
WFM80	Metric	80	92.6	6.3	2.5	320	9	3.0	30 / 50 / 10 / 5
WF35	3 1/2"	90	103.0	6.5	2.9	360	9	3.0	30
WF40	4"	102	118.0	8.0	3.7	408	9	2.5	30
WF50	5"	127	143.2	8.1	4.7	508	9	2.0	30
WF60	6"	152	170.4	9.2	6.9	608	9	1.5	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.

