



WF-SpringflexWire™

Clear/Wire Reinforced Suction & Delivery Hose

SpringflexWire™ 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 a coarse pitch and placement of galvanised steel helix spring preventing bulging and bursting. Highly flexible over a wide temperature range. Smooth bore reduces flow loss. Suitable for food contact.

Applications:

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

Construction

Coarse pitch galvanised steel wire spring encapsulated in transparent non-toxic flexible PVC. Both layers of PVC are manufactured from FDA approved ingredients. REACH compliant, DEHP free and less than 0.1% ortho-phthalates.

Colour

Clear. Other colours are available subject to minimum order quantity

Temperature Range

-10°C to +55°C

Size Range

½" to 6"

13.0mm to 152.0mm

Standard Length

Up to 4", 30 metres supplied in a coil

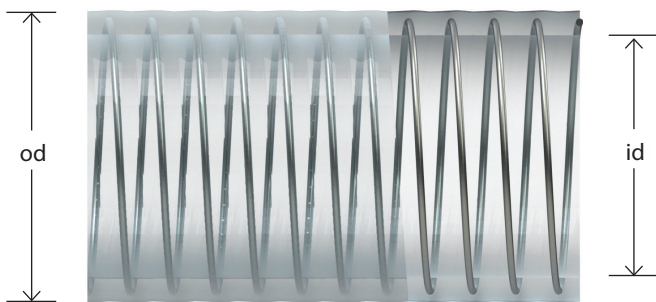
Over 4", 20 metres supplied in a coil

Other coil lengths available subject to minimum order quantity

Special Features

- Non-toxic and suitable for food applications
- Resistant to full vacuum
- UV compounded to maintain clarity
- Can be 'knocked back' if flattened
- Optimum flow is maintained by the smooth bore
- Anti-static feature
- Tough, flexible and extremely durable under normal operating conditions
- Independently tested to European Food Regulation 10/2011. Suitable for repeat use with all food types (excluding fatty foods) at full temperature range.





od outside diameter
id internal diameter



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Product Ref.	Internal Dia. Inches	Internal Dia. mm	External Dia. mm	Wall Thickness Overall mm	Weight kg/Mtr	Min. Bend Radius Radius mm	Vacuum Mtrs H ₂ O	Working Pressure Bar	Coil Length Metres
WF04CLR	3/8"	10.0	16.0	3.00	0.22	20	8.5	7.0	30
WF05CLR	1/2"	13.0	19.0	3.0	0.22	25	8.5	7.0	30
WF06CLR	5/8"	16.0	22.0	3.00	0.25	35	8.5	6.0	30
WF07CLR	3/4"	19.0	26.0	3.50	0.33	45	8.5	5.0	5/10/30
WF10CLR	1"	25.0	33.0	4.00	0.52	60	8.5	5.0	5/10/30
WF12CLR	1 1/4"	32.0	40.2	4.10	0.66	75	8.5	4.5	5/10/30
WFM35CLR	Metric	35.0	44.0	4.50	0.73	80	8.5	4.0	5/10/30
WF15CLR	1 1/2"	38.0	47.0	4.50	0.80	90	8.5	4.0	5/10/30
WFM40CLR	Metric	40.0	49.5	4.75	0.87	95	8.5	3.0	5/10/30
WFM45CLR	Metric	45.0	55.0	5.00	1.15	110	8.0	3.0	30
WF20CLR	2"	50.0	60.0	5.00	1.20	125	8.0	3.0	5/10/30
WFM60CLR	Metric	60.0	72.0	6.00	1.80	140	8	2.5	5/10/30
WF30CLR	3"	76.0	89.6	6.80	2.30	200	7	2.0	5/10/30
WFM80CLR	Metric	80.0	94.0	7.00	2.70	220	7	2.0	5/10/30

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.