



**ifpp**  
industrial fluid power products

**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

# GRIFLEX

hose & ducting solutions

VAT: 472709865

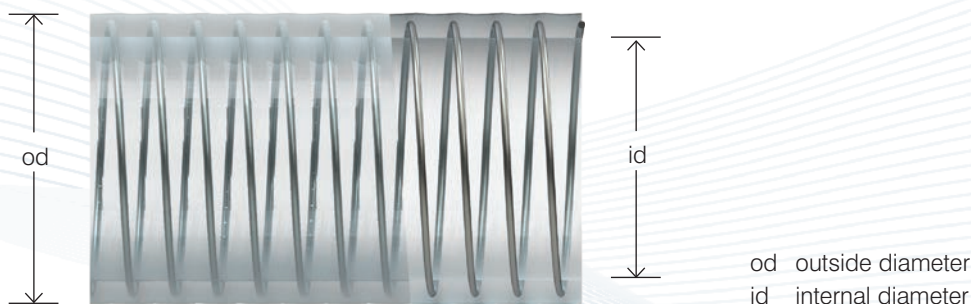
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#### WF - Wireflex Clear/Wire Reinforced Suction and Delivery Hose

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 <sub>2</sub> 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.



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