GRIFLEX

hose & ducting solutions

NEW

Also Available

- WF   -   Clear/Wire Reinforced Hose
- SF   -   Springflex™ Clear/Wire Reinforced Hose
- SFBFG -   Springflex™ Non-Toxic Braided Hose
- SFBOR -   Springflex™ Braided Oil Resistant Hose

DEHP FREE (DEHP<0.1%)   REACh   RoHS COMPLIANT

WFB Wireflex™
Braided

A braided food quality hose with very high working pressures. It is manufactured from two layers of soft PVC compound a steel spiral embedded in the first layer and polyester yarn reinforcement between the first and second layer. Tough, flexible and designed for the suction and delivery of liquid foodstuffs in arduous applications.

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 and high tensile polyester fibres encapsulated in two layers of PVC with a smooth inside wall.

Colour

Standard - Clear or Black
Other colours available subject to minimum order quantity

Temperature Range

-10°C to +55°C

Size Range

⅜" to 2", 2 ½" to 4" late 2019
35 and 45mm, 60 and 80mm late 2019

Standard Length

30m Coils
50m Coils also available up to 80mm
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
- Extra UV if ordered in black

od outside diameter
id internal diameter
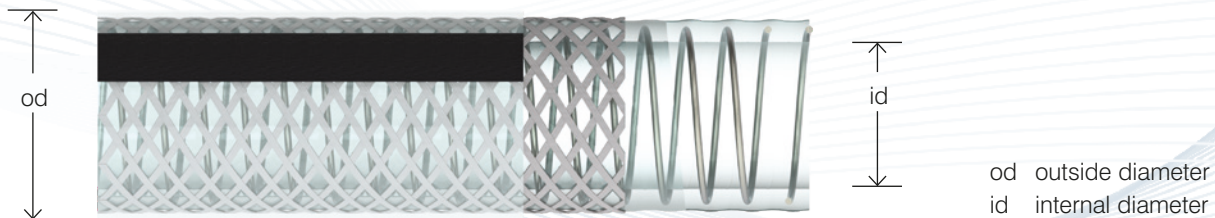
WFB - Wireflex Braided

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_2O	Working Pressure Bar	Coil Length Metres
WFB04	⅜"	10	19.0	4.5	0.4	25	9	25.5	30 / 50
WFB05	½"	13	22.0	4.5	0.5	30	9	25.5	30 / 50
WFB06	⅝"	16	25.0	4.5	0.6	35	9	21.5	30 / 50
WFB07	¾"	19	28.0	4.5	0.7	40	9	17.0	30 / 50
WFB10	1"	25	36.9	6.0	1.2	60	9	15.5	30 / 50
WFB12	1¼"	32	43.0	5.5	1.4	80	9	13.5	30 / 50
WFBM35	Metric	35	46.8	5.9	1.6	95	9	12.0	30 / 50
WFB15	1½"	38	50.0	6.0	1.8	100	9	12.0	30 / 50
WFBM45	Metric	45	58.0	6.5	2.4	120	9	10.0	30 / 50
WFB20	2"	51	65.0	7.0	2.8	130	9	10.0	30 / 50
WFBM60	Metric	60	74.2	7.1	3.6	200	9	8.0	30 / 50
WFB25	2 ½"	63	77.2	7.1	3.7	210	9	7.0	30 / 50
WFB35	3"	76	92.8	8.4	5.0	250	9	6.5	30 / 50
WFBM80	Metric	80	96.0	8.0	5.2	300	9	4.5	30 / 50
WFB35	3 ½"	90	106.4	8.2	6.0	350	9	4.5	30
WFB40	4"	102	122.0	10.0	8.0	400	9	4.0	30
WFB50	5"	127	147.2	10.1	10.0	500	9	2.5	20
WFB60	6"	152	175.0	11.5	14.0	600	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℃. 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℃ 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.