

Hose and ducting solutions

A safe connection



High quality hose and ducting solutions

Griflex has been associated with the hose and ducting industry for over 60 years. As a British manufacturer, they are proud of their heritage, delivering high quality and technically advanced products and solutions for new and existing customers.

They offer a comprehensive and diverse product range which includes braided hoses, wire reinforced hoses and suction and delivery hoses, allowing customers the opportunity to streamline supply chains whilst utilising a trusted manufacturer.

Their centre of excellence in Birmingham, UK, is where they continue to invest in and develop new and innovative products using their world class technological know-how.

With so many product options we are sure we have a Griflex solution for you and your application. Contact your local ERIKS UK & Ireland Service Centre for more information.

GRIFLEX, HOSE AND DUCTING SOLUTIONS

All our products are UV stabilised to give an extended service life. Our heavy duty and wire reinforced hoses supply high performance levels even when wear and tear is part of the job. Whatever your requirements Griflex has the hose that will outperform your expectations and save you time and money on replacing hoses.



Contents

Clear Braided PVC Hose
Lightweight Clear Braided PVC Hose
Food Approved Braided Wire Reinforced Hose
Food Approved Wire Reinforced Hose
Food Approved Suction and Delivery Hose
Sanitation Hose
Water Delivery Hose
Lightweight Water Delivery Hose, Super Elastic
Medium Duty Suction and Delivery Hose

3 3	Economy, Medium Duty Suction and Delivery Hose	7
3	Heavy Duty Suction and Delivery Hose	8
4	Oil Resistant Water Delivery Hose	8
4	External Spiral Suction Hose	9
5 5	Super Elastic Medium Duty Suction and Delivery Hose with External Scuff Strip	9
6	Compressor Hose	10
	Lightweight Ducting and Aquatic Hose	10
6	High Flexibility Ducting Hose	11
7	Vacuum Extraction	11

Terms and Conditions

temperature pressure charts. 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 restrictions ilikely to occu iii. All sizes are nominal and normal manufacturing tolerances apply.

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

Clear Braided PVC Hose



A lightweight PVC hose, reinforced with high tensile polyester fibers. The clear braided PVC hose is tough, flexible and extremely durable under normal operating conditions. Manufactured from FDA approved ingredients. The braided PVC hose is suitable for food contact applications and is resistant to a wide range of chemicals. Minimum frictional loss is achieved by the smooth bore.

Internal Minimum m Working Coil Product Diameter **Bend Radius** Pressure Length Code (mm) (mm) (bar) (m) 1003-05-GF 30 / 100 33 5 25 1003-06-GF 6 41 22 30 / 100 1003-08-GF 8 30 / 100 52 21 1003-10-GF 10 30 / 100 65 20 1003-13-GF 13 30 / 100 81 16 1003-16-GF 16 104 15 30 / 100 1003-19-GF 19 124 15 30 / 100 1003-25-GF 25 163 13 30 / 100 1003-32-GF 32 208 8 30 247 1003-38-GF 38 8 30 325 7 50 1003-50-GF 30

APPLICATIONS

The hose can be used to convey many liquids and gases under pressure. Applications include factory air lines, pneumatic equipment and general workshop use.

TEMPERATURE RANGE

-10°C to +60°C In accordance with BS EN ISO 6224 and BS EN ISO 5774

Lightweight Clear Braided PVC Hose



This is a lightweight version of the Clear Braided PVC hose with a reduced wall thickness. The hose is suitable for less arduous applications than the above clear braided hose.

Product Code	Internal Diameter (mm)	Minimum m Bend Radius (mm)	Working Pressure (bar)	Coil Length (m)
1003L-006-GF	6	41	17	30
1003L-008-GF	8	52	15	30
1003L-010-GF	10	65	11	30
1003L-013-GF	13	81	10	30
1003L-016-GF	16	104	10	30
1003L-019-GF	19	124	9	30
1003L-025-GF	25	163	9	30
1003L-032-GF	32	208	8	30
1003L-038-GF	38	247	6	30
1003L-050-GF	50	325	6	30

APPLICATIONS

The hose can be used to convey many liquids and gases under pressure. Applications include factory air lines, pneumatic equipment and general workshop use.

TEMPERATURE RANGE

-10°C to +60°C In accordance with BS EN ISO 6224 and BS EN ISO 5774



Food Approved Braided Wire Reinforced Hose



Springflex[™] braided food quality hose is manufactured from two layers of soft PVC compound. It is constructed with a steel spiral embedded in the first layer and a polyester yarn reinforcement between the first and second layer. This heavy duty hose is extremely tough and flexible and designed for the suction and delivery of liquid foodstuffs in arduous applications.

Product Code	Internal Diameter (mm)	Minimum Bend Radius (mm)	Vacuum (m of H ₂ O)	Working Pressure (bar)	Coil Length (m)
1048BB-012-GF	12	30	9	30.0	30 / 50
1048BB-016-GF	16	35	9	25.0	30 / 50
1048BB-019-GF	19	40	9	20.0	30 / 50
1048BB-025-GF	25	60	9	18.0	30 / 50
1048BB-032-GF	32	80	9	16.0	30 / 50
1048BB-038-GF	38	100	9	14.0	30 / 50
1048BB-050-GF	50	130	9	12.0	30 / 50

APPLICATIONS

Suitable for the suction and delivery of water, slurries, granules, foodstuffs and dilute chemicals. Ideally suited to higher pressure applications in the agricultural, food processing, plastics handling, marine and construction industries. Springflex[™] is UV compounded to resist atmospheric conditions, perfect for external applications.

TEMPERATURE RANGE

-10°C to +55°C In accordance with BS EN ISO 6224 and BS EN ISO 5774

Food Approved Wire Reinforced Hose



Minimum Coil Internal Vacuum Working Product Diameter **Bend Radius** (m of Pressure Length Code H₂O) (bar) (m) (mm) (mm) 1048-010-GF 30 / 50 10 25 9 12.0 1048-012-GF 12 26 9 12.0 30 / 50 1048-016-GF 16 32 9 10.5 30 / 50 9 30 / 50 / 10 / 5 1048-019-GF 19 45 9.0 50 9 30 / 50 / 10 / 5 1048-025-GF 25 85 80 9 30 / 50 / 10 / 5 1048-032-GF 32 8.0 1048-035-GF 35 91 9 8.0 30 / 50 1048-038-GF 38 95 9 80 30 / 50 / 10 / 5 1048-040-GF 40 105 9 80 30 / 50 1048-050-GF 128 9 7.0 30 / 50 / 10 / 5 50 1048-060-GF 60 150 9 6.0 30 / 50 30 / 50 1048-063-GF 63 158 9 5.5 1048-076-GF 76 190 9 4.7 30 / 50 / 10 / 5 1048-089-GF 89 360 9 3.5 30 9 3.0 1048-101-GF 101 408 30 9 1048-127-GF 127 508 2.5 30 1048-152-GF 152 9 608 2.0 20

APPLICATIONS

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

TEMPERATURE RANGE

-10°C to +55°C

Springflex[™] is an extremely tough and flexible food approved transparent PVC hose, allowing easy identification of blockages. 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.



Food Approved Suction and Delivery Hose



Internal Minimum Working Vacuum Coil Product (m of H₂O) Diameter **Bend Radius** Pressure (bar) Length Code (mm) (mm) (m) 1043-012-GF 12 57 7 10 30 / 50 1043-016-GF 7 30 / 50 16 72 9.5 1043-019-GF 19 86 7 9 30 / 50 /10 1043-025-GF 25 114 7 8 30 / 50 / 10 1043-032-GF 143 7 30 / 50 / 10 32 7 1043-038-GF 171 30 / 50 /10 38 7 6.5 1043-050-GF 50 230 7 6 30 / 50 /10 1043-063-GF 63 284 7 5 30 / 50 1043-076-GF 76 342 7 4 30 / 50 7 1043-0101-GF 102 459 4 30

A clear food approved PVC hose, reinforced with a semi-rigid crush resistant PVC helix. It is tough, flexible and extremely durable under normal operating conditions. It has outstanding resistance to the effects of weather. Minimum frictional loss is achieved by the smooth bore.

APPLICATIONS

Foodstuffs, water, slurries and powders.

TEMPERATURE RANGE

-10°C to +55°C

Sanitation Hose



Product Code	Internal Diameter (mm)	Minimum Bend Radius (mm)	Vacuum (m of H ₂ O)	Working Pressure (bar)	Coil Length (m)
1039SAN-016-GF	16	70	7	9.0	30 / 50
1039SAN-019-GF	19	76	7	9.0	30 / 50
1039SAN-025-GF	25	102	7	8.0	30 / 50
1039SAN-032-GF	32	127	7	7.0	30 / 50
1039SAN-038-GF	38	152	7	6.5	30 / 50
1039SAN-050-GF	50	204	7	6.0	30 / 50

A lightweight PVC hose, manufactured from an odour resistant material reinforced with a rigid crush resistant white PVC helix. It is tough, flexible and extremely durable under normal operating conditions. It has outstanding resistance to the effects of weather. Minimum frictional loss is achieved by the smooth bore.

APPLICATIONS

Designed for the transportation of liquids and slurry within the marine, boat and caravan market places. This hose is resistant to most cleaning chemicals and detergents.

TEMPERATURE RANGE



Water Delivery Hose



A PVC hose, reinforced with a rigid crush resistant PVC helix. It is tough, flexible and extremely durable under normal operating conditions. It has outstanding resistance to the effects of weather. Minimum frictional loss is achieved by the smooth bore.

Product Code	Internal Diameter (mm)	Minimum Bend Radius (mm)	Vacuum (m of H ₂ O)	Working Pressure (bar)	Coil Length (m)
1041L-012-GF	12	57	7	10	30 / 50
1041L-016-GF	16	72	7	9.5	30 / 50
1041L-019-GF	19	86	7	9	30 / 50
1041L-025-GF	25	120	7	8	30 / 50
1041L-038-GF	38	171	7	6.5	30 / 50
1041L-050-GF	50	230	7	6	30 / 50
1041L-063-GF	63	284	7	5	30 / 50
1041L-076-GF	76	342	7	4	30
1041L-090-GF	89	430	7	4	30
1041L-101-GF	101	459	7	4	30

APPLICATIONS

Delivery and light duty suction of water, slurries and powders. This product is particularly popular in the agricultural, horticultural, marine and construction industries. Within the agricultural industry the hose is specifically used for conveying liquid fertilisers, dilute chemicals and insecticides.

TEMPERATURE RANGE

-10°C to +55°C In accordance with BS EN ISO 6224 and BS EN ISO 5774

Lightweight Water Delivery Hose, Super Elastic

Product Code	Internal Diameter (mm)	Minimum Bend Radius (mm)	Vacuum (m of H ₂ O)	Working Pressure (bar)	Coil Length (m)
1041EL-012-GF	12	57	7	3.2	30 / 50
1041EL-016-GF	16	72	7	3.2	30 / 50
1041EL-019-GF	19	86	7	3	30 / 50
1041EL-025-GF	25	114	7	2.8	30 / 50
1041EL-032-GF	32	143	7	2.7	30 / 50
1041EL-038-GF	38	171	7	2.3	30 / 50
1041EL-050-GF	50	230	7	2	30 / 50



A lightweight PVC hose, reinforced with a rigid crush resistant PVC helix. It is tough, flexible and extremely durable under normal operating conditions. It has outstanding resistance to the effects of weather. Minimum frictional loss is achieved by the smooth bore.

APPLICATIONS

Delivery and light duty suction of water, slurries and powders. This product is particularly popular in the agricultural, horticultural, marine and construction industries. Within the agricultural industry the hose is specifically used for conveying liquid fertilisers, dilute chemicals and insecticides.

TEMPERATURE RANGE



Premium, Medium Duty Suction and Delivery Hose



A premium medium weight PVC hose, reinforced with a semirigid crush resistant PVC helix. It is tough, flexible and extremely durable under normal operating conditions. It has outstanding resistance to the effects of weather. Minimum frictional loss is achieved by the smooth bore.

Product Code	Internal Diameter (mm)	Minimum Bend Radius (mm)	Vacuum (m of H ₂ O)	Working Pressure (bar)	Coil Length (m)
1039L-019-GF	19	100	9	9.5	30 / 50
1039L-025-GF	25	113	9	9.3	30 / 50
1039L-032-GF	32	144	9	8	30 / 50
1039L-038-GF	38	171	9	8	30 / 50 / 10
1039L-050-GF	50	230	9	7.3	30 / 50 / 10
1039L-063-GF	63	284	9	6.7	30 / 50
1039L-076-GF	76	342	9	6	30 / 50 / 10
1039L-090-GF	89	401	9	5	30
1039L-101-GF	101	459	9	4.7	43768
1039L-127-GF	127	572	8	4	30
1039L-152-GF	152	684	8	3.3	30
1039L-203-GF	203	914	8	2.7	10
1039L-254-GF	254	1143	8	2	10

APPLICATIONS

Water, sewage, slurries and powders. This product is particularly popular in the agricultural, construction and general manufacturing industries.

TEMPERATURE RANGE

-10°C to +55°C

Economy, Medium Duty Suction and Delivery Hose



A standard medium duty PVC hose, reinforced with a semirigid crush resistant PVC helix. It is tough flexible and extremely durable under normal operating conditions. It has outstanding resistance to the effects of the weather. Minimum frictional loss is achieved by the smooth bore.

Product Code	Internal Diameter (mm)	Minimum Bend Radius (mm)	Vacuum (m of H ₂ O)	Working Pressure (bar)	Coil Length (m)
1039-025-GF	25	57	8	8.0	30 / 50
1039-028-GF	28	60	8	7.0	30 / 50
1039-030-GF	30	65	8	7.0	30 / 50
1039-032-GF	32	72	8	7.0	30 / 50
1039-038-GF	38	86	8	6.3	30 / 50
1039-050-GF	50	114	8	5.3	30 / 50
1039-063-GF	63	143	8	5.0	30 / 50
1039-076-GF	76	171	8	4.0	30 / 50
1039-089-GF	89	230	8	4.0	30
1039-102-GF	102	284	8	4.0	30
1039-127-GF	127	342	8	3.7	30
1039-152-GF	152	401	6	3.0	30

APPLICATIONS

Suction and delivery of water, sewage, slurries and powders. This product is particularly popular in the agricultural, construction and general manufacturing industries.

TEMPERATURE RANGE



Heavy Duty Suction and Delivery Hose



Product Code	Internal Diameter (mm)	Minimum Bend Radius (mm)	Vacuum (m of H ₂ O)	Working Pressure (bar)	Coil Length (m)
1040-025-GF	25	160	9	13.3	30 / 50
1040-032-GF	32	200	9	10.0	30 / 50
1040-038-GF	38	230	9	8.7	30 / 50
1040-050-GF	50	300	9	7.3	30 / 50
1040-063-GF	63	370	9	6.0	30 / 50
1040-076-GF	76	450	9	5.7	30 / 50
1040-089-GF	89	550	9	5.0	30
1040-101-GF	101	630	9	4.3	30
1040-127-GF	127	850	8	4.0	30
1040-152-GF	152	1100	8	3.7	30
1040-204-GF	204	2030	8	3.3	10

A heavy duty PVC hose, reinforced with a rigid crush resistant PVC helix. Designed to operate under severe working conditions, this hose is tough, flexible and extremely durable under normal operating conditions. It has outstanding resistance to the effects of weather. Minimum frictional loss is achieved by the smooth bore.

APPLICATIONS

Suction and delivery of water, sewage, slurries and powders. This product is particularly popular in the agricultural, construction and for general industrial applications. Heavy duty suction hose is supplied in straight lengths with polished aluminium alloy couplings for fire brigade applications.

TEMPERATURE RANGE

-10°C to +55°C

Oil Resistant Water Delivery Hose

Product Code	Internal Diameter (mm)	Minimum Bend Radius (mm)	Vacuum (m of H ₂ O)	Working Pressure (bar)	Coil Length (m)
1042L-019-GF	19	100	9	9.5	30 / 50
1042L-025-GF	25	113	9	9.3	30 / 50
1042L-032-GF	32	144	9	8	30 / 50
1042L-038-GF	38	171	9	8	30 / 50
1042L-050-GF	50	230	9	7.3	30 / 50



A light weight oil resistant PVC hose, reinforced with a semirigid crush resistant PVC helix. It is tough, flexible and extremely durable under normal operating conditions. Manufactured from a compound containing nitrile, this hose is designed for the transportation of fuel oils. Minimum frictional loss is achieved by the smooth bore.

APPLICATIONS

Fuel oils up to a 40% aromatic content including oil, diesel, kerosene, white spirit and mineral based hydraulic oils.

TEMPERATURE RANGE



External Spiral Suction Hose



Product Code	Internal Diameter (mm)	Minimum Bend Radius (mm)	Vacuum (m of H ₂ O)	Working Pressure (bar)	Coil Length (m)
1039SE-025-GF	25.4	100	9	6.7	30 / 50
1039SE-032-GF	32	128	9	5.7	30 / 50
1039SE-038-GF	38	152	9	5.3	30 / 50
1039SE-050-GF	51.6	204	9	5.0	30 / 50
1039SE-063-GF	63.5	252	9	4.7	30 / 50
1039SE-076-GF	76	304	9	4.3	30 / 50
1039SE-089-GF	90	315	9	2.0	30
1039SE-101-GF	102	408	9	4	30
1039SE-127-GF	127	508	8	3.3	30
1039SE-152-GF	152	608	8	3.3	30
1039SE-203-GF	204	812	8	1.5	10
1039SE-254-GF	254	1016	8	1.3	10

Medium duty elastic quality PVC hose with an external crush resistant helix. The exposed helix has excellent abrasion resistance and minimises drag resistance. Tough, flexible and extremely durable under normal operating conditions. Excellent resistance to weather, compounded for low temperature flexibility.

APPLICATIONS

Suction and delivery of water, sewage, slurries and powders. This product is particularly popular in the agricultural, construction and general manufacturing industries.

TEMPERATURE RANGE

-10°C to +55°C

Super Elastic Medium Duty Suction and Delivery Hose with External Scuff Strip



A medium weight PVC hose, manufactured from super elastic compounds to give increased flexibility. It is reinforced with a semi-rigid crush resistant PVC helix that is protected by a raised scuff strip. It is tough, flexible and extremely durable under normal operating conditions. It has outstanding resistance to the effects of weather. Minimum frictional loss is achieved by the smooth bore.

Product Code	Internal Diameter (mm)	Minimum Bend Radius (mm)	Vacuum (m of H ₂ O)	Working Pressure (bar)	Coil Length (m)
1039ES-025-GF	25.4	113	9	9.3	30 / 50
1039ES-032-GF	32	144	9	8.0	30 / 50
1039ES-038-GF	38	171	9	8.0	30 / 50
1039ES-050-GF	50	230	9	7.3	30 / 50
1039ES-063-GF	63.5	284	9	6.7	30 / 50
1039ES-076-GF	76	342	9	6.0	30 / 50
1039ES-089-GF	90	401	9	5.0	30
1039ES-101-GF	102	459	9	4.7	30
1039ES-127-GF	127	572	8	4.0	30
1039ES-152-GF	152	684	8	3.3	30
1039ES-203-GF	204	914	8	2.7	10
1039ES-254-GF	254	1143	8	2.0	10

APPLICATIONS

Water, sewage, slurries and powders. This product is particularly popular in the agricultural, construction and general manufacturing industries. Widely used in agricultural tanker applications.

TEMPERATURE RANGE



Compressor Hose



Manufactured from abrasion resistant PVC, offering excellent flexibility and kink resistance, this hose is a highly versatile reinforced PVC hose capable of working at 20 Bar.

Product Code	Internal Diameter (mm)	Minimum m Bend Radius (mm)	Working Pressure (bar)	Coil Length (m)
1015PC-06-GF	6	60	20	30
1015PC-010-GF	10	85	20	30
1015PC-012-GF	12	95	20	30
1015PC-019-GF	19	145	20	30
1015PC-025-GF	25	180	20	30

APPLICATIONS

Suitable for use in the construction and heavy engineering industries.

TEMPERATURE RANGE

-10°C to +60°C In accordance with BS EN ISO 5774

Lightweight Ducting and Aquatic Hose



A lightweight PVC hose, reinforced with a rigid crush resistant PVC helix. It is tough, flexible and extremely durable under normal operating conditions. The cross section is maintained even when highly flexed. Minimum frictional loss is achieved by the smooth bore.

Product Code	Internal Diameter (mm)	Minimum Bend Radius (mm)	Vacuum (m of H ₂ O)	Working Pressure (bar)	Coil Length (m)
1047BA-012-GF	12	16	5	2.0	30 / 50
1047BA-016-GF	16	20	5	2.0	30 / 50
1047BA-019-GF	19	24	5	2.0	30 / 50
1047BA-025-GF	25	31	5	2.0	30 / 50
1047BA-028-GF	28	28	5	2.0	30 / 50
1047BA-032-GF	32	40	5	2.0	30 / 50
1047BA-038-GF	38	48	4	2.0	30 / 50
1047BA-050-GF	50	64	4	1.0	30 / 50
1047BA-076-GF	76	150	4	1.0	30 / 50

APPLICATIONS

Ideally suited to light duty applications for garden ponds and aquatic installations.

TEMPERATURE RANGE



High Flexibility Ducting Hose



High flexibility lightweight PVC ducting hose, reinforced with a rigid crush resistant white PVC helix. It is tough, flexible and extremely durable under normal operating conditions. The cross section is maintained even when highly flexed. Minimum frictional loss is achieved by the smooth bore.

Product Code	Internal Diameter (mm)	Minimum Bend Radius (mm)	Vacuum (m of H ₂ O)	Working Pressure (bar)	Coil Length (m)
1047B-019-GF	19	20	5	0.5	30
1047B-025-GF	25	25	5	0.5	30
1047B-032-GF	32	32	5	0.5	30
1047B-038-GF	38	38	5	0.5	30
1047B-050-GF	50	51	5	0.5	30
1047B-063-GF	63	63	4	-	30
1047B-076-GF	76	76	4	-	30
1047B-090-GF	90	89	3	-	30
1047B-101-GF	101	102	3	-	30
1047B-127-GF	127	127	3	-	30
1047B-152-GF	152	152	3	-	30
1047B-203-GF	203	203	3	-	10

APPLICATIONS

Industrial vacuum cleaners and for the extraction of fumes, wood chippings and sawdust.

TEMPERATURE RANGE

-10°C to +55°C

Vacuum Extraction



A medium weight PVC ducting hose, reinforced with a semirigid crush resistant white PVC helix. It is tough, flexible and extremely durable under normal operating conditions. The cross section is maintained even when highly flexed. Minimum frictional loss is achieved by the smooth bore.

Product Code	Internal Diameter (mm)	Minimum Bend Radius (mm)	Vacuum (m of H ₂ O)	Working Pressure (bar)	Coil Length (m)
1047-019-GF	19	20	5	0.5	30
1047-025-GF	25	28	6	4.0	30
1047-032-GF	32	35	6	3.5	30
1047-038-GF	38	41	6	3.3	30
1047-050-GF	50	56	6	2.8	30
1047-063-GF	63	66	6	2.5	30
1047-076-GF	76	79	6	2.3	30
1047-089-GF	89	93	6	2.0	30
1047-0101-GF	101	104	6	2.0	30
1047-0127-GF	127	128	3	2.0	30
1047-0152-GF	152	167	3	1.8	30

APPLICATIONS

Industrial vacuum cleaners and for the extraction of fumes, wood chippings and sawdust.

TEMPERATURE RANGE





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