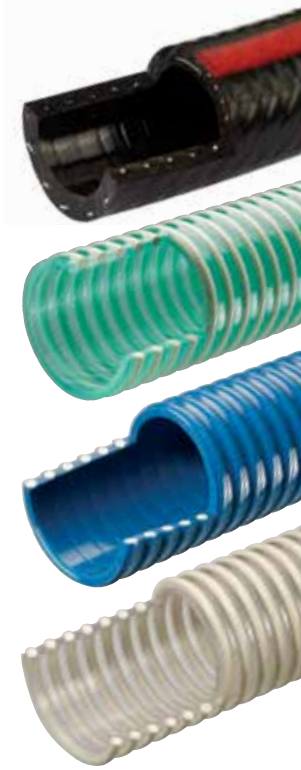


3rd
edition



GRIFLEX
hose & ducting solutions

product & selection guide



MADE IN THE
UK



www.griflex.com

Introduction

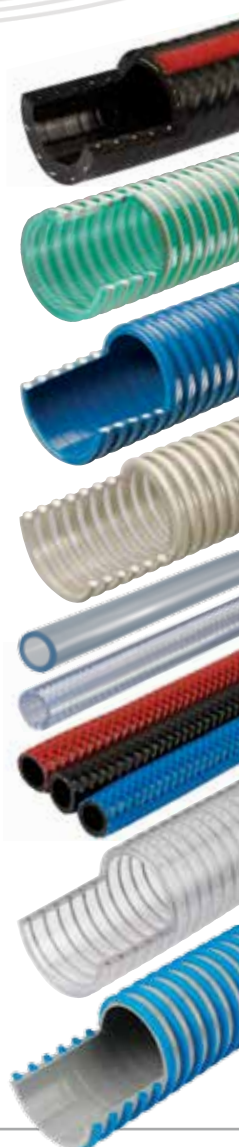
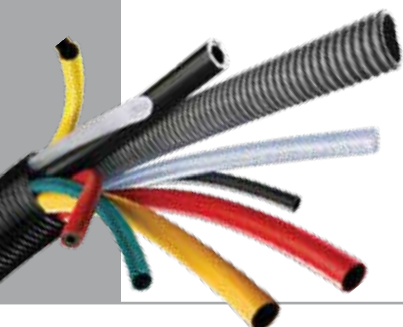
Griflex has been associated with the hose and ducting industry for over 30 years. Part of the Flexicon Group, and as a British manufacturer, we are proud of our heritage of delivering high quality and technically advanced products and solutions for new and existing Customers.



Our comprehensive and diverse product range includes both braided hoses and suction & delivery hoses, offering Customers the opportunity to streamline supply chains whilst utilising a trusted UK manufacturer. Our centre of excellence in Birmingham, UK, is where we continue to invest in and develop new and innovative products using our world class technological know-how.














Customers are central to everything we do and our mission is to constantly exceed expectations. With the capability to service our Customers' needs on a worldwide basis, we understand the value of delivering excellent service.

With so many product options we are sure to have a solution for you and your application. We hope you enjoy our new look catalogue and to keep up to date with the latest Griflex news and information visit our website www.griflex.com.



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Suction & Delivery Hose

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16		CUL
18		CUXE
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24		CS
26		CSOR
28		SF
30		SFB
32		SFBOR



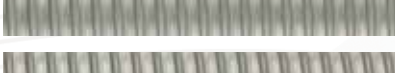



Sanitation Hose

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Corrugated Tube

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Ducting

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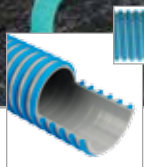
Market and Sectors

With multiple systems to choose from our products have been developed to provide solutions across many markets and sectors.

Our products are available in a wide range of sizes from 1/8" (3.0mm) to 10" (254.0mm) internal diameter and are intended for use in a diverse range of applications including the suction and delivery of water, oil, sewage, slurries, powders and the conveyance of liquids and gases in factory air lines, pneumatic equipment & general workshop use.



Agricultural



CUXS
External Spiral
Suction Hose



CD
Water Delivery
Hose

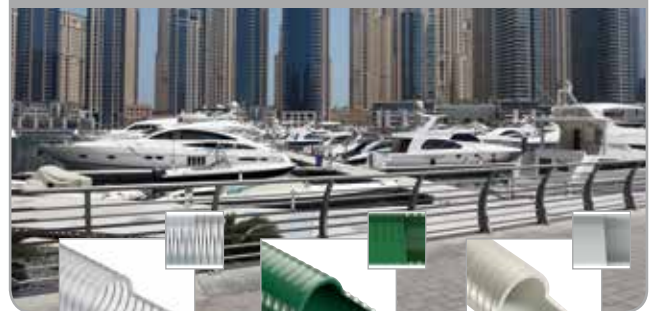


CU
Medium Duty Suction
& Delivery Hose

- Slurry and fertiliser distribution
- Seed injectors
- Crop management
- Material conveying - tankers / stores / feedstocks



Leisure & Marine



Springflex™
Clear/Wire Reinforced
Suction & Delivery Hose



CU / CUL
Medium Duty Suction
& Delivery Hose



CSH
Sanitation Hose

- Marinas
- Sewage pumping
- Water filling
- Climatic control
- Swimming pools



Horticultural



CD
Water Delivery
Hose



CU
Medium Duty Suction
& Delivery Hose



HN
Clear Braided
PVC Hose

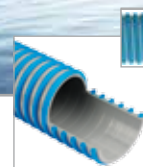
- Irrigation
- Spraying
- Fertiliser distribution



Aquatics



AQH
Aquatic Hose



CUXS
External Spiral
Suction Hose



Springflex™
Clear/Wire Reinforced
Suction & Delivery Hose

- Fish farming
- Food distribution
- Aeration
- Filtering
- Pond systems



Manufacturing & Machinery



CVL
High Flexibility Ducting Hose

GPUAS
Non-Toxic Anti-Static Polyurethane Ducting Hose

Springflex™
Clear/Wire Reinforced Suction & Delivery Hose

- Packaging and processing machinery
- Air handling units
- Material conveying
- Coolant handling
- Food Grade applications



Industrial



LAH
Lightweight Air Hose

HN
Clear Braided PVC Hose

CSOR
Oil Resistant, Heavy Duty Suction & Delivery Hose

- Factory air lines / hand held air tools
- Pneumatic equipment
- Water and sewage treatment works
- Pumps
- Food Grade applications



Construction



CMP
Compressor Hose

DDH
Diesel Drop Hose

GCPP
Polypropylene Corrugated Tubing

- Protection of Hot & Cold water pipes
- Ventilation
- Aggregate handling
- Compressed air



Transportation













VL
Vacuflex

SFBOR
Braided Oil Resistant Hose

CSH
Sanitation Hose

- Cab Ventilation
- Road cleaning equipment
- Toilet systems

Application Guide

	Pg No.	System	Temp Range °C		Size Range*				Agriculture	Automotive	Construction	Domestic	Hazardous Areas	Leisure & Marine	Industrial	Marine	Mining	Rail
			Min	Max	Inches Min	Inches Max	mm Min	mm Max										
Suction & Delivery Hose	8	CD	-10	+55	½"	4"	12.0	102.0	●		●					●		
	10	CDXE	-10	+55	½"	4"	12.0	102.0	●		●					●		
	12	CDLXE	-10	+55	½"	2"	12.0	51.6	●		●					●		
	14	CU	-10	+55	1"	10"	25.4	254.0	●		●			●	●	●		
	16	CUL	-10	+55	1"	6"	25.4	152.0	●		●			●	●	●		
	18	CUXE	-10	+55	1"	10"	25.4	254.0	●		●				●	●		
	20	CUOR	-10	+55	1"	10"	25.4	254.0	●	●	●		●		●	●	●	●
	22	CUXS	-10	+55	1"	10"	25.4	254.0	●	●	●				●	●		
	24	CS	-10	+55	1"	10"	25.4	254.0	●	●	●		●		●	●	●	●
	26	CSOR	-10	+55	1"	10"	25.4	254.0	●	●	●		●		●	●	●	●
	28	SF	-10	+55	½"	6"	13.0	152.0	●		●		●	●	●	●		●
	30	SFB	-10	+55	½"	2"	13.0	51.0	●		●		●	●	●	●	●	●
	32	SFBOR	-10	+55	½"	2"	13.0	51.0	●	●	●		●	●	●	●	●	●
Sanitation Hose	34	CSH	-10	+55	⅝"	2"	16.0	51.6	●	●		●	●	●	●	●	●	●
Corrugated Hose	36	GCPP	-20	+90	¼"	2¼"	6.0	56.0	●	●	●	●	●	●	●	●	●	●
Ducting	38	CVL	-10	+55	1"	10"	25.4	254.0	●		●		●		●	●	●	●
	40	CV	-10	+55	1"	6"	25.4	152.0	●		●		●		●	●	●	●
	42	CPU	-25	+85	1"	8"	25.4	203.0	●		●		●		●	●	●	●
	44	CPUAS	-25	+85	1"	8"	25.4	203.0	●		●		●		●	●	●	●
	46	VL	-10	+55	1"	4½"	25.0	115.0	●	●		●						
	48	VHW	-10	+55	1"	4½"	25.0	152.0	●	●					●			
Domestic Products	50	APWH	-10	+55	½"	1"	12.5	25.0	●			●		●		●		
	52	AQH	-10	+55	½"	3"	12.0	76.0	●			●		●		●		
PVC Tubing & Braided Hose	54	MH	-10	+55	⅛"	2"	3.0	50.0	●	●		●		●	●	●		●
	56	HN	-10	+60	⅜"	2"	5.0	50.0	●	●	●	●		●	●	●		●
	58	XL	-10	+60	¼"	2"	6.3	50.0	●	●	●	●		●	●	●		●
	60	LAH	-10	+60	¼"	¾"	6.3	19.0	●	●	●	●		●	●	●		●
	62	GPA	-10	+60	⅜"	1"	5.0	25.0	●	●	●	●			●	●	●	●
	64	CMP	-10	+60	¼"	1"	6.0	25.0	●	●	●		●		●	●	●	●
	66	RFH	-20	+60	¾"	1"	19.0	25.0	●	●	●		●		●	●	●	●
	68	DDH	-10	+55	¾"	1"	19.0	25.0	●	●			●		●	●	●	●
	70	FP	-25	+85	⅛"	½"	3.0	12.0	●	●	●	●	●		●	●	●	●
	72	VDH																
	73	DCH																

For further information please contact us

Fluids								Solids					Gases					Other			Pg No.
Oils	Fuels	Chemicals	Hot & Cold Water	Fire Fighting	Sanitation	Hydraulics	Food	Foods (Dry)	Bulk Materials Handling	Concrete & Plaster	Dust Extraction	Fume Extraction	Vacuum	Hot & Cold Air	Welding	Compressed Gases	Machine Construction	High Temperature	Fish		
		•	•		•				•		•						•			8	
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CD

Water Delivery Hose

A PVC hose, 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.

CDXE is produced using a super elastic compound to give increased flexibility particularly in cold weather. CDFG is a non-toxic lightweight delivery hose for food processing applications. CDAS is an anti-static delivery hose due to a copper wire bonded to the outside of the hose, enabling the discharge of static electricity.

Also Available

- CDXE - Super Elastic Water Delivery Hose
- CDFG - Food Grade Delivery Hose
- CDAS - Anti-Static Delivery Hose
- CDLXE - Lightweight Super Elastic Water Delivery Hose

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

Size Range

½" to 4"
12.0mm to 102.0mm

Construction

White rigid crush resistant anti-shock PVC spiral helix encapsulated in a flexible PVC cover, with a smooth inside wall.

Standard Length

30 metres supplied in a coil

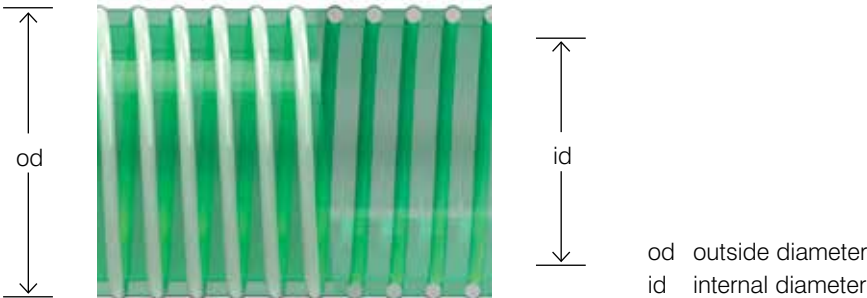
Colour

Standard - Transparent Green, White Helix
Transparent Yellow, White Helix
Black, White Helix

Special Features

- Optimum flow is maintained by the smooth bore
- Tough, flexible and extremely durable under normal operating conditions
- Flexibility maintained even under cold weather conditions
- Outstanding resistance to the effects of weather





CD - Water Delivery Hose, Green Tint, Yellow Tint or Black

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
CD05	1/2"	12.0	17.2	2.6	0.16	57	7	10.0	30
CD06	5/8"	16.0	21.2	2.6	0.26	72	7	9.5	30
CD07	3/4"	19.0	24.6	2.8	0.28	86	7	9.0	30
CD10	1"	25.4	32.0	3.3	0.33	114	7	8.0	30
CD12	1 1/4"	32.0	39.2	3.6	0.46	143	7	7.0	30
CD15	1 1/2"	38.0	45.4	3.7	0.55	171	7	6.5	30
CD20	2"	51.6	59.8	4.1	0.81	230	7	6.0	30
CD25	2 1/2"	63.5	71.9	4.2	1.04	284	7	5.0	30
CD30	3"	76.0	86.4	5.2	1.38	342	7	4.0	30
CD35	3 1/2"	89.0	99.4	5.2	1.80	401	7	4.0	30
CD40	4"	102.0	114.6	6.3	2.16	459	7	4.0	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.



CDXE

Super Elastic, Water Delivery Hose

A PVC hose, manufactured from super elastic compounds to give increased flexibility, 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.

CD water delivery hose, available in Green tint, Yellow tint or Black.

CDFG is a non-toxic delivery hose for food processing applications.

CDAS is an anti-static delivery hose due to a copper wire bonded to the outside of the hose, enabling the discharge of static electricity.

Also Available

- CD - Water Delivery Hose
- CDFG - Food Grade Delivery Hose
- CDAS - Anti-Static Delivery Hose
- CDLXE - Lightweight Super Elastic Water Delivery Hose

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

Size Range

½" to 4"

12.0mm to 102.0mm

Construction

White rigid crush resistant anti-shock PVC spiral helix encapsulated in a flexible super elastic PVC cover, with a smooth inside wall.

Standard Length

30 metres supplied in a coil

Colour

Standard - Transparent Green, White Helix

Black, White Helix

Special Features

- Optimum flow is maintained by the smooth bore
- Tough, flexible and extremely durable under normal operating conditions
- Flexibility maintained even under cold weather conditions
- Outstanding resistance to the effects of weather





od outside diameter
id internal diameter

CDXE - Super Elastic Water Delivery Hose, Transparent Green or Black

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
CDXE05	1/2"	12.0	17.2	2.6	0.17	50	7	10.0	30
CDXE06	5/8"	16.0	22.0	3.0	0.20	64	7	9.5	30
CDXE07	3/4"	19.0	25.6	3.3	0.28	76	7	9.0	30
CDXE10	1"	25.4	32.0	3.3	0.39	102	7	8.0	30
CDXE12	1 1/4"	32.0	39.6	3.8	0.47	127	7	7.0	30
CDXE15	1 1/2"	38.0	46.0	4.0	0.56	152	7	6.5	30
CDXE20	2"	51.6	60.2	4.3	0.82	204	7	6.0	30
CDXE25	2 1/2"	63.5	72.1	4.3	1.07	254	7	5.0	30
CDXE30	3"	76.0	85.8	4.9	1.36	304	7	4.0	30
CDXE35	3 1/2"	89.0	101.0	6.0	1.77	356	7	4.0	30
CDXE40	4"	102.0	115.0	6.0	2.13	406	7	4.0	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.



Also Available

- CD - Water Delivery Hose
- CDFG - Food Grade Delivery Hose
- CDAS - Anti-Static Delivery Hose
- CDLXE - Lightweight Super Elastic Water Delivery Hose

CDLXE

Lightweight Water Delivery Hose, Super Elastic

A lightweight PVC hose, 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.

CDXE is a heavier weight version of CDLXE for more arduous applications.
CDFG is a non-toxic lightweight delivery hose for food processing applications.

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

Size Range

½" to 2"
12.0mm to 51.6mm

Construction

White rigid crush resistant anti-shock PVC spiral helix encapsulated in a flexible PVC cover, with a smooth inside wall.

Standard Length

30 metres supplied in a coil

Colour

Standard - Transparent Green, White Helix
Transparent Yellow, White Helix

Special Features

- Optimum flow is maintained by the smooth bore
- Tough, flexible and extremely durable under normal operating conditions
- Flexibility maintained even under cold weather conditions
- Outstanding resistance to the effects of weather





od outside diameter
id internal diameter

CDLXE - Lightweight Water Delivery Hose, Super Elastic

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
CDLXE05	1/2"	12.0	1.7	1.7	0.11	57	7.0	3.2	30
CDLXE06	5/8"	16.0	2.5	2.5	0.17	72	7.0	3.2	30
CDLXE07	3/4"	19.0	2.5	2.5	0.19	86	7.0	3.0	30
CDLXE10	1"	25.4	2.8	2.8	0.27	114	7.0	2.8	30
CDLXE12	1 1/4"	32.0	3.1	3.1	0.35	143	7.0	2.7	30
CDLXE15	1 1/2"	38.0	3.5	3.5	0.46	171	7.0	2.3	30
CDLXE20	2"	51.6	3.5	3.5	0.74	230	7.0	2.0	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.



CU

Medium Duty Suction and Delivery Hose

A medium weight PVC hose, 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.

CUFG is a non-toxic medium duty suction and delivery hose for applications involving transfer of foodstuffs. CUOR is an oil resistant medium duty suction and delivery hose for applications involving the transfer of fuel and diesel oils.

CUXE is a medium duty super elastic suction and delivery hose giving increased flexibility.

Applications:

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

Construction

White rigid crush resistant anti-shock PVC spiral helix encapsulated in an olive green flexible PVC cover, with a smooth inside wall.

Colour

Standard - Olive Green, White Helix

Temperature Range

-10°C to +55°C

Size Range

1" to 10"
25.4mm to 254.0mm

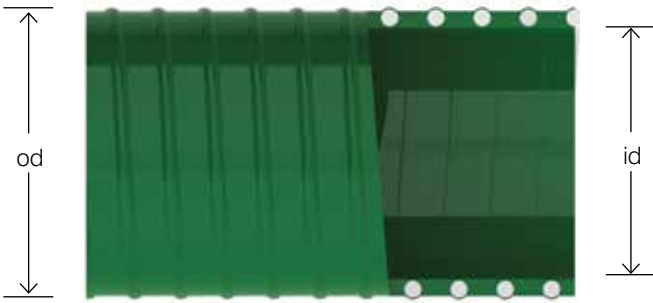
Standard Length

Up to 6", 30 metres supplied in a coil
Over 6", 10 metres supplied in a straight length
Also available in straight lengths with couplings if required

Special Features

- Optimum flow is maintained by the smooth bore
- Tough, flexible and extremely durable under normal operating conditions
- Flexibility maintained even under cold weather conditions
- Outstanding resistance to the effects of weather





od outside diameter
id internal diameter

CU - Medium Duty Suction and Delivery Hose, Olive Green

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
CU10	1"	25.4	33.8	4.2	0.49	113	9	9.3	30
CU12	1¼"	32.0	40.8	4.4	0.58	144	9	8.0	30
CU15	1½"	38.0	47.0	4.5	0.68	171	9	8.0	30
CU20	2"	51.6	60.9	4.7	1.04	230	9	7.3	30
CU25	2½"	63.5	73.9	5.2	1.36	284	9	6.7	30
CU30	3"	76.0	87.6	5.8	1.70	342	9	6.0	30
CU35	3½"	90.0	102.4	6.2	2.06	401	9	5.0	30
CU40	4"	102.0	115.5	6.8	2.62	459	9	4.7	30
CU50	5"	127.0	141.0	7.0	3.49	572	8	4.0	30
CU60	6"	152.0	167.6	7.8	4.43	684	8	3.3	30
CU80	8"	204.0	228.0	12.0	7.76	914	8	2.7	10
CU100	10"	254.0	280.0	13.0	11.60	1143	8	2.0	10

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.



CUL

Economy Grade, Medium Duty Suction and Delivery Hose

An economy grade medium duty PVC hose, 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:

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

Construction

White rigid crush resistant anti-shock PVC spiral helix encapsulated in an olive green flexible PVC cover, with a smooth inside wall.

Colour

Standard - Olive Green, White Helix

Temperature Range

-10°C to +55°C

Size Range

1" to 6"
25.4mm to 152.0mm

Standard Length

30 metres supplied in a coil
Also available in straight lengths with couplings if required

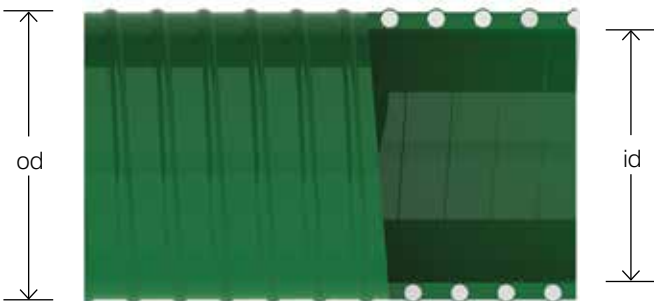
Special Features

- Optimum flow is maintained by the smooth bore
- Tough, flexible and extremely durable under normal operating conditions
- Flexibility maintained even under cold weather conditions
- Outstanding resistance to the effects of weather

Also Available

- CUFG - Food Grade, Medium Duty, Suction and Delivery Hose
- CUOR - Oil Resistant, Medium Duty, Suction and Delivery Hose
- CUXE - Super Elastic, Medium Duty, Suction and Delivery Hose





od outside diameter
id internal diameter

CUL - Economy Grade, Medium Duty Suction and Delivery Hose, Olive Green

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
CUL10	1"	25.4	31.8	3.2	0.36	57	8	8.0	30
CUL12	1¼"	32.0	39.0	3.5	0.46	72	8	7.0	30
CUL15	1½"	38.0	45.8	3.9	0.57	86	8	6.3	30
CUL20	2"	51.6	60.2	4.3	0.83	114	8	5.3	30
CUL25	2½"	63.5	73.1	4.8	1.05	143	8	5.0	30
CUL30	3"	76.0	86.0	5.0	1.47	171	8	4.0	30
CUL35	3½"	90.0	101.6	5.8	2.13	230	8	4.0	30
CUL40	4"	102.0	113.0	5.5	2.17	284	8	4.0	30
CUL50	5"	127.0	139.6	6.3	3.20	342	8	3.7	30
CUL60	6"	152.0	166.2	7.1	4.22	401	6	3.0	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.



CUXE

Super Elastic, Medium Duty Suction and Delivery Hose

A medium weight PVC hose, manufactured from super elastic compounds to give increased flexibility, 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.

CU is a medium duty suction and delivery hose.

CUFG is a non-toxic medium duty suction and delivery hose for food contact applications.

CUOR is an oil resistant medium duty suction and delivery hose for applications involving the transfer of fuel and diesel oils.

Applications:

Suction and delivery of water, sewage, slurries and powders.

This product is particularly popular in the agricultural, construction and general manufacturing industries.

Construction

White rigid crush resistant anti-shock PVC spiral helix encapsulated in a sea green flexible PVC cover, with a smooth inside wall.

Colour

Standard - Sea Green, White Helix

Temperature Range

-10°C to +55°C

Size Range

1" to 10"

25.4mm to 254.0mm

Standard Length

Up to 6", 30 metres supplied in a coil

Over 6", 10 metres supplied in a straight length

Also available in straight lengths with couplings if required

Special Features

- Optimum flow is maintained by the smooth bore
- Tough, flexible and extremely durable under normal operating conditions
- Flexibility maintained even under cold weather conditions
- Outstanding resistance to the effects of weather





od outside diameter
id internal diameter

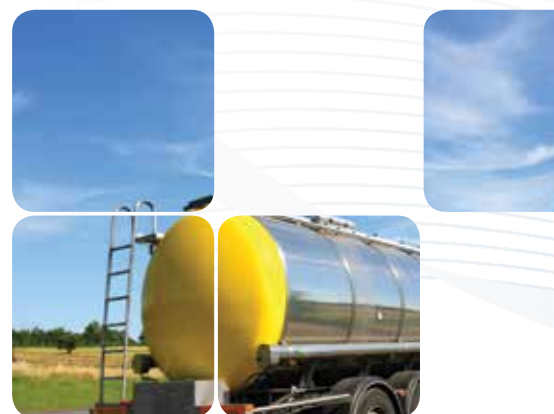
CUXE - Super Elastic, Medium Duty Suction and Delivery Hose, Sea Green

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
CUXE10	1"	25.4	33.8	4.2	0.49	113	9	9.3	30
CUXE12	1¼"	32.0	40.8	4.4	0.58	144	9	8.0	30
CUXE15	1½"	38.0	47.0	4.5	0.68	171	9	8.0	30
CUXE20	2"	51.6	60.9	4.7	1.04	230	9	7.3	30
CUXE25	2½"	63.5	73.9	5.2	1.36	284	9	6.7	30
CUXE30	3"	76.0	87.6	5.8	1.70	342	9	6.0	30
CUXE35	3½"	90.0	102.4	6.2	2.06	401	9	5.0	30
CUXE40	4"	102.0	115.5	6.8	2.62	459	9	4.7	30
CUXE50	5"	127.0	141.0	7.0	3.49	572	8	4.0	30
CUXE60	6"	152.0	167.6	7.8	4.43	684	8	3.3	30
CUXE80	8"	204.0	228.0	12.0	7.76	914	8	2.7	10
CUXE100	10"	254.0	280.0	13.0	11.60	1143	8	2.0	10

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.



Also Available

- CUORAS - Anti-Static, Oil Resistant, Medium Duty Suction and Delivery Hose

CUOR

Oil Resistant, Medium Duty Suction and Delivery Hose

A medium weight oil resistant PVC hose, reinforced with a rigid crush resistant white PVC helix. 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.

CDOR is a light duty oil resistant delivery hose for less arduous applications.

CUORAS is an anti-static hose due to a copper wire incorporated within the wall of the hose, enabling the discharge of static electricity.

Applications:

Suction and delivery of fuel oils with a low aromatic content including oil, diesel, kerosene, white spirit and mineral based hydraulic oils.

Construction

White rigid crush resistant anti-shock PVC spiral helix encapsulated in a blue flexible oil resistant PVC cover, with a smooth inside wall.

Colour

Standard - Blue, White Helix

Temperature Range

-10°C to +55°C

Size Range

1" to 10"

25.4mm to 254.0mm

Standard Length

Up to 6", 30 metres supplied in a coil

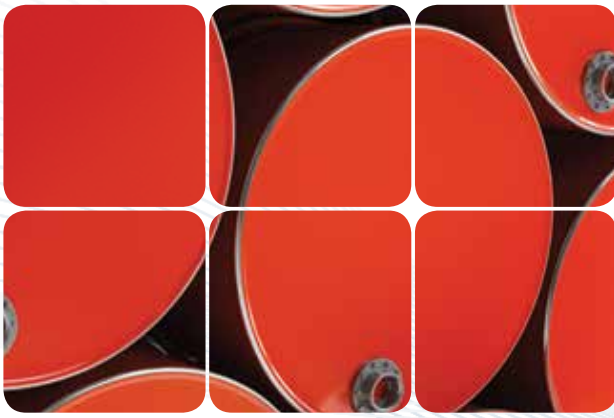
Over 6", 10 metres supplied in a straight length

Also available in straight lengths with couplings if required

Special Features

- Resistant to a wide range of fuel oils
- Tough, flexible and extremely durable under normal operating conditions
- Flexibility maintained even in colder temperatures
- Optimum flow is maintained by the smooth bore





od outside diameter
id internal diameter

CUOR - Oil Resistant, Medium Duty Suction and Delivery Hose, Blue

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
CUOR10	1"	25.4	33.8	4.2	0.49	113	9	3.0	30
CUOR12	1¼"	32.0	40.8	4.4	0.58	144	9	8.0	30
CUOR15	1½"	38.0	47.0	4.5	0.68	171	9	8.0	30
CUOR20	2"	51.6	60.9	4.7	1.04	230	9	7.3	30
CUOR25	2½"	63.5	73.9	5.2	1.36	284	9	6.7	30
CUOR30	3"	76.0	87.6	5.8	1.70	342	9	6.0	30
CUOR35	3½"	90.0	102.4	6.2	2.06	401	9	5.0	30
CUOR40	4"	102.0	115.5	6.8	2.62	459	9	4.7	30
CUOR50	5"	127.0	141.0	7.0	3.49	572	8	4.0	30
CUOR60	6"	152.0	167.6	7.8	4.43	684	8	3.3	30
CUOR80	8"	204.0	228.0	12.0	7.76	914	8	2.7	10
CUOR100	10"	254.0	280.0	13.0	11.60	1143	8	2.0	10

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.



CUXS

External Spiral Suction Hose

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.

Optimum flow is maintained by the smooth bore. Suitable for suction and discharge of water, slurries, liquid sewage and dilute chemicals. Widely used in agricultural tanker applications.

Applications:

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

Construction

Elastic quality flexible PVC with a semi embedded blue crush resistant anti-shock PVC spiral helix, with a smooth inside wall.

Colour

Standard - Grey, Exposed Blue Helix

Temperature Range

-10°C to +55°C

Size Range

1" to 10"

25.4mm to 254.0mm

Standard Length

Up to 6", 30 metres supplied in a coil

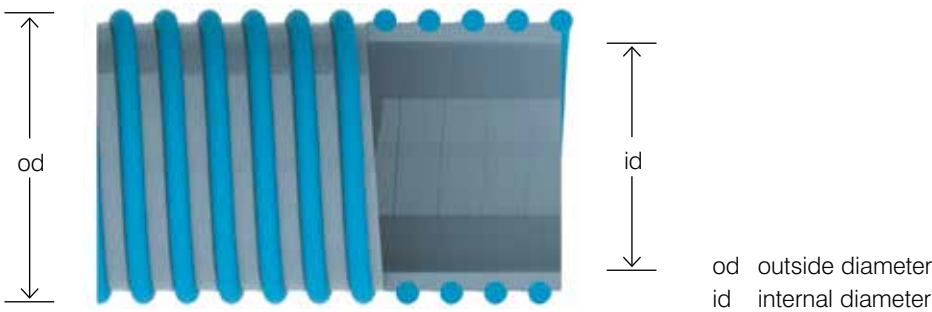
Over 6", 10 metres supplied in a straight length

Also available in straight lengths with couplings if required

Special Features

- Optimum flow is maintained by the smooth bore
- Tough, flexible and extremely durable under normal operating conditions
- Flexibility maintained even under cold weather conditions
- External helix offers improved abrasion resistance
- Outstanding resistance to the effects of weather





CUXS - External Spiral Suction Hose, Grey with Blue External Spiral

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
CUXS10	1"	25.4	35.0	5.0	0.50	100	9	6.7	30
CUXS12	1¼"	32.0	42.0	5.0	0.60	128	9	5.7	30
CUXS15	1½"	38.0	49.0	5.0	0.70	152	9	5.3	30
CUXS20	2"	51.6	64.5	6.5	1.05	204	9	5.0	30
CUXS25	2½"	63.5	77.6	7.1	1.39	252	9	4.7	30
CUXS30	3"	76.0	92.0	8.0	1.70	304	9	4.3	30
CUXS40	4"	102.0	120.0	9.0	2.70	408	9	4.0	30
CUXS50	5"	127.0	145.0	9.0	3.90	508	8	3.3	30
CUXS60	6"	152.0	171.0	9.5	5.00	608	8	3.3	30
CUXS80	8"	204.0	231.0	13.5	10.00	812	8	1.5	10
CUXS100	10"	254.0	282.0	14.0	14.00	1016	8	1.3	10

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.



Also Available

- CSAS - Anti-Static, Heavy Duty Suction and Delivery Hose
- CSOR - Oil Resistant Heavy Duty Suction and Delivery Hose

CS

Heavy Duty Suction and Delivery Hose

A heavy duty PVC hose, reinforced with a rigid crush resistant white 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.

CSAS is an anti-static heavy duty suction and delivery hose with a copper wire incorporated within the wall of the hose, enabling the discharge of static electricity.

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.

Construction

White rigid crush resistant anti-shock PVC spiral helix encapsulated in a dark green flexible PVC cover, with a smooth inside wall.

Colour

Standard - Grey, White Helix
Dark Green, White Helix

Temperature Range

-10°C to +55°C

Size Range

1" to 10"
25.4mm to 254.0mm

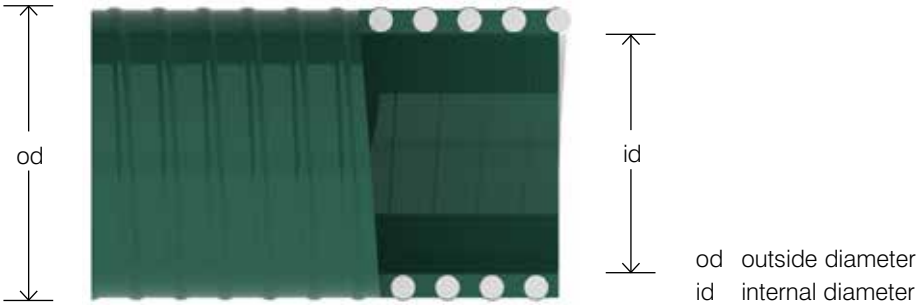
Standard Length

Up to 6", 30 metres supplied in a coil
Over 6", 10 metres supplied in a straight length
Also available in straight lengths with couplings if required

Special Features

- Optimum flow is maintained by the smooth bore
- Robust, heavy duty construction
- Withstands a full vacuum
- Outstanding resistance to the effects of weather





CS - Heavy Duty Suction and Delivery Hose, Dark Green or Grey

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
CS10	1"	25.4	34.4	4.5	0.53	160	9	13.3	30
CS12	1¼"	32.0	41.2	4.6	0.67	200	9	10.0	30
CS15	1½"	38.0	48.2	5.1	0.89	230	9	8.7	30
CS20	2"	51.6	62.8	5.6	1.28	300	9	7.3	30
CS25	2½"	63.5	75.7	6.1	1.58	370	9	6.0	30
CS30	3"	76.0	89.2	6.6	1.93	450	9	5.7	30
CS35	3½"	90.0	104.0	7.0	2.23	550	9	5.0	30
CS40	4"	102.0	118.0	8.0	3.58	630	9	4.3	30
CS50	5"	127.0	144.2	8.6	4.76	850	8	4.0	30
CS60	6"	152.0	172.4	10.2	6.72	1100	8	3.7	30
CS80	8"	204.0	227.0	11.5	10.14	2030	8	3.3	10
CS100	10"	254.0	282.0	14.0	15.00	2540	8	3.0	10

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.



Also Available

- CUOR - Oil Resistant Medium Duty Suction & Delivery Hose

CSOR

Oil Resistant, Heavy Duty Suction and Delivery Hose

A heavy duty oil resistant PVC hose, reinforced with a semi-rigid crush resistant white PVC helix. Designed to operate under severe working conditions, this hose 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.

CUOR is a medium duty oil resistant delivery hose.

Applications:

Suction and delivery of fuel oils with a low aromatic content including oil, diesel, kerosene, white spirit & mineral based hydraulic oils.

Construction

White rigid crush resistant anti-shock PVC spiral helix encapsulated in a blue flexible oil resistant PVC cover, with a smooth inside wall.

Colour

Standard - Blue, White Helix

Temperature Range

-15°C to +55°C

Size Range

1" to 10"

25.4mm to 254.0mm

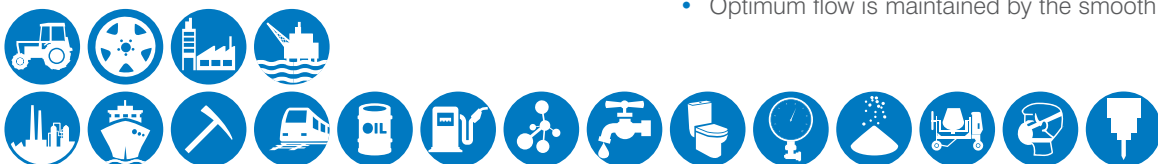
Standard Length

Up to 6", 30 metres supplied in a coil

Over 6", 10 metres supplied in a straight length

Special Features

- Resistant to a wide range of fuel oils
- Robust, heavy duty construction
- Tough, flexible and extremely durable under normal operating conditions
- Flexibility maintained even in colder temperatures
- Optimum flow is maintained by the smooth bore





od outside diameter
id internal diameter

CSOR - Oil Resistant, Heavy Duty Suction and Delivery Hose, Blue

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
CSOR10	1"	25.4	34.3	4.5	0.53	160	9	13.3	30
CSOR12	1¼"	32.0	41.1	4.6	0.67	200	9	10.0	30
CSOR15	1½"	38.0	48.2	5.1	0.89	230	9	8.7	30
CSOR20	2"	51.6	62.2	5.6	1.28	300	9	7.3	30
CSOR25	2½"	63.5	75.2	6.1	1.58	370	9	6.0	30
CSOR30	3"	76.0	89.2	6.6	1.93	450	9	5.7	30
CSOR35	3½"	90.0	104.0	7.0	2.25	550	9	5.0	30
CSOR40	4"	102.0	118.0	8.0	3.58	630	9	4.3	30
CSOR50	5"	127.0	144.3	8.6	4.76	850	8	4.0	30
CSOR60	6"	152.0	172.3	10.2	6.72	1100	8	3.7	30
CSOR80	8"	204.0	227.0	11.5	10.14	2030	8	1.0	10
CSOR100	10"	254.0	282.0	14.0	15.00	2540	8	1.0	10

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.



Also Available

- SFB - Springflex™ Braided Hose
- SFBOR - Springflex™ Braided Oil Resistant Hose

SF-Springflex™

Clear/Wire Reinforced Suction & Delivery Hose

Springflex™ 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 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.

SFB is reinforced with high tensile polyester fibres is manufactured from non toxic compounds. This hose is designed for more arduous applications. SFBOR is manufactured from compounds containing nitrile and is reinforced with high tensile polyester fibres, this hose is designed for the transportation of fuel oils in higher pressure applications.

Applications:

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

Construction

High tensile carbon steel wire encapsulated in transparent non-toxic flexible PVC. Both layers of PVC are manufactured from FDA approved ingredients.

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

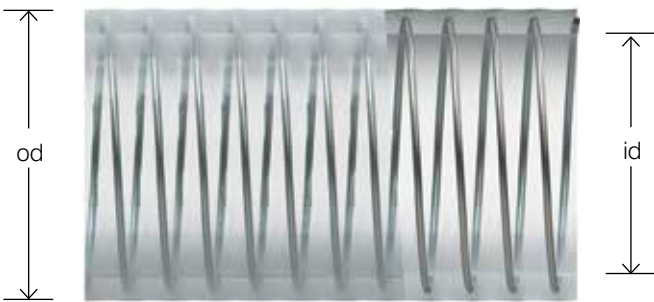
Standard Length

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





od outside diameter
id internal diameter

SF - Springflex™ Clear/Wire Reinforced Suction & Delivery Hose

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
SF05	1/2"	13.0	19.2	3.1	0.21	26	9	12.0	30
SF06	5/8"	16.0	22.2	3.1	0.25	32	9	10.5	30
SF07	3/4"	19.0	26.0	3.5	0.33	38	9	11.0	30
SF10	1"	25.0	33.0	4.0	0.52	50	9	10.0	30
SF12	1 1/4"	32.0	40.2	4.1	0.66	80	9	9.0	30
SF15	1 1/2"	38.0	47.0	4.5	0.80	95	9	9.0	30
SFM45	1 3/4"	45.0	55.0	5.0	1.15	110	9	8.0	30
SF20	2"	51.0	61.8	5.4	1.30	128	9	7.0	30
SFM60	2 1/4"	60.0	72.0	6.0	1.75	150	9	6.0	30
SF25	2 1/2"	63.0	74.0	5.5	1.80	158	9	6.0	30
SF30	3"	76.0	89.6	6.8	2.30	190	9	4.7	30
SF35	3 1/2"	89.0	103.0	7.0	2.90	225	9	4.0	30
SF40	4"	102.0	118.0	8.0	3.70	255	9	3.0	30
SF50	5"	127.0	143.2	8.1	4.70	381	9	3.0	30
SF60	6"	152.0	170.4	9.2	6.90	456	9	2.5	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.



Also Available

- SFBOR - Springflex™ Braided Oil Resistant Hose
- SF - Springflex™ Clear/Wire Reinforced Hose

SFB Springflex™

Braided Springflex™ 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 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.

Applications:

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

Construction

High tensile carbon steel wire and high tensile polyester fibres encapsulated in two layers of PVC with a smooth inside wall. PVC is manufactured from FDA approved ingredients.

Colour

Clear with a black stripe. Other colours are available subject to minimum order quantity

Temperature Range

-10°C to +55°C

Size Range

1/2" to 2"

13.0mm to 51.0mm

Other sizes available subject to minimum order quantity

Standard Length

30 metres supplied in a coil.

Other coil lengths available subject to minimum order quantity

Special Features

- Higher pressure capacity
- Resistant to full vacuum
- 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
- Non-toxic and suitable for food applications





SFB Springflex™ - Braided Springflex™ Hose, Clear with Black Stripe

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
SFB05	1/2"	13.0	22.0	4.5	0.23	26	9	30.0	30
SFB06	5/8"	16.0	25.0	4.5	0.25	32	9	25.0	30
SFB07	3/4"	19.0	26.0	3.5	0.56	38	9	20.0	30
SFB10	1"	25.0	36.9	6.0	0.78	60	9	18.0	30
SFB12	1 1/4"	32.0	43.0	5.5	0.97	80	9	16.0	30
SFB15	1 1/2"	38.0	50.0	6.0	1.31	95	9	14.0	30
SFB20	2"	51.0	65.0	7.0	1.91	130	9	12.0	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.



Also Available

- SF - Springflex™ Clear/Wire Reinforced Hose
- SFB - Springflex™ Braided Reinforced Hose

SFBOR Springflex™

Braided Oil Resistant Springflex™ Hose

Springflex™ braided oil resistant is manufactured from thermoplastic PVC Nitrile compound. It is constructed with an embedded steel spiral and polyester yarn reinforcement. The hose is extremely tough and flexible designed for the transportation of fuel oils. It offers excellent resistance to pressure, vacuum, abrasion and accidental crushing. The accurate pitch and placement of the high tensile carbon steel helix prevents bulging and bursting it remains highly flexible over a wide temperature range.

Applications:

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

Suitable for the suction and delivery of fuel oils up to a 40% aromatic content including oil, diesel, kerosene, white spirit and mineral based hydraulic oils.

Construction

High tensile carbon steel wire and high tensile polyester fibres encapsulated in a black flexible oil resistant PVC nitrile cover, with a smooth inside wall.

Colour

Black with a red stripe. Other colours are available subject to minimum order quantity

Temperature Range

-10°C to +55°C

Size Range

½" to 2"

13.0mm to 51.0mm

Other sizes available subject to minimum order quantity

Standard Length

30 metres supplied in a coil.

Other coil lengths available subject to minimum order quantity

Special Features

- Higher pressure capacity
- Resistant to full vacuum
- 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





SFBOR Springflex™ - Braided Oil Resistant Springflex™ Hose, Black with Red Stripe

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
SFBOR05	1/2"	13.0	22.0	4.5	0.23	26	9	30.0	30
SFBOR06	5/8"	16.0	25.0	4.5	0.25	32	9	25.0	30
SFBOR07	3/4"	19.0	26.0	3.5	0.56	38	9	20.0	30
SFBOR10	1"	25.0	36.9	6.0	0.78	60	9	18.0	30
SFBOR12	1 1/4"	32.0	43.0	5.5	0.97	80	9	16.0	30
SFBOR15	1 1/2"	38.0	50.0	6.0	1.31	95	9	14.0	30
SFBOR20	2"	51.0	65.0	7.0	1.91	130	9	12.0	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.



CSH

Sanitation Hose

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 & slurry within the marina, boat & caravan market places.

This hose is resistant to most cleaning chemicals and detergents.

Construction

White rigid crush resistant anti-shock PVC spiral helix encapsulated in a white permeation resistant flexible PVC cover, with a smooth inside wall.

Colour

Standard - White, White Helix

Temperature Range

-10°C to +55°C

Size Range

5/8" to 2"

16.0mm to 51.6mm

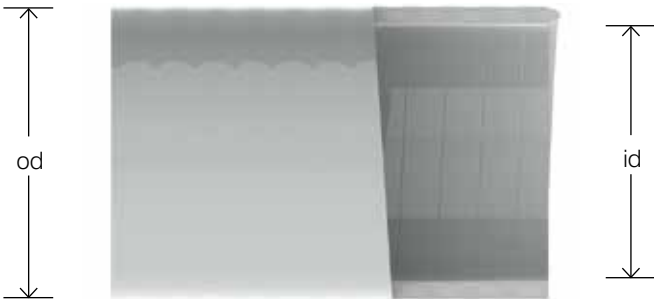
Standard Length

30 metres supplied in a coil

Special Features

- Optimum flow is maintained by the smooth bore
- Tough, flexible and extremely durable under normal operating conditions
- Flexibility maintained even under cold weather conditions
- Manufactured from permeation resistant material





od outside diameter
id internal diameter

CSH - Sanitation Hose, White

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
CSH06	5/8"	16.0	21.6	2.8	0.22	70	7	9.0	30
CSH07	3/4"	19.0	25.6	3.3	0.28	76	7	9.0	30
CSH10	1"	25.4	32.6	3.6	0.39	102	7	8.0	30
CSH12	1 1/4"	32.0	39.4	3.7	0.47	127	7	7.0	30
CSH15	1 1/2"	38.0	46.0	4.0	0.56	152	7	6.5	30
CSH20	2"	51.6	59.6	4.0	0.82	204	7	6.0	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.



GCPP

Polypropylene Corrugated Tubing

GCPP is a flexible, non-flame retarded hose which is acid resistant, flame propagating and low smoke and halogen free.

Applications:

- Waste drain piping
- Protection of hot and cold water pipes in concrete floors
- Abrasion resistant coverings for hoses
- Fuel/Oil vent pipes
- Sewage Digesters
- Colour identification

Construction

- GCPP is a corrugated, flexible hose manufactured from black polypropylene
- Corrugated hose from other materials can be manufactured on request. e.g. PA6, PA12, PE, PVC, PU

Colour

Standard - Black

Other colours available on request

Temperature Range

-20°C to +90°C

Size Range

1/4" to 2 1/4"

6.3mm to 56.3mm

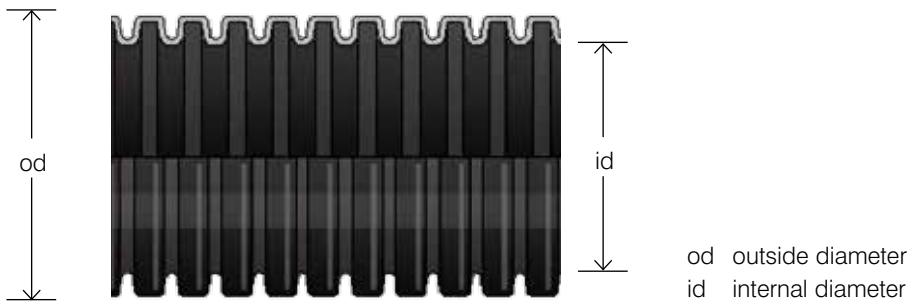
Standard Length

50m, 25m or 10m (dependent on bore size)
supplied in a coil

Special Features

- Flame Propagating
- Low smoke and Halogen free
- Acid Resistant
- Cut lengths on request





GCPP - Polypropylene Corrugated Tubing

Product Ref.	Internal Dia. mm	External Dia. mm	Min. Bend Radius Radius mm	Weight Kg/Mtr	Coil Length Metres
GCPP10B-50M	6.3	10.0	15	0.016	50
GCPP13B-50M	9.8	13.0	25	0.020	50
GCPP16B-50M	11.8	15.8	35	0.030	50
GCPP20B-50M	14.8	20.0	40	0.045	50
GCPP21B-50M	16.7	21.2	40	0.050	50
GCPP25B-50M	19.1	25.0	50	0.052	50
GCPP26B-50M	21.4	25.4	50	0.052	50
GCPP28B-50M	22.8	28.5	55	0.065	50
GCPP34B-25M	28.1	34.5	65	0.090	25
GCPP42B-25M	35.5	42.5	80	0.120	25
GCPP54B-25M	47.2	54.5	100	0.150	25
GCPP67B-10M	56.3	67.2	150	0.250	10

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.



Also Available

- CVLFR - Flame Retardant High Flexibility Ducting Hose

CVL

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.

CVLFR is manufactured from highly flexible flame retardant compound which conform to UL94V0 and is suitable for fume & air extraction where a flame retardant product is required.

Applications:

Suitable for use in applications on industrial vacuum cleaners and for the extraction of fumes, wood chippings and sawdust.

Construction

White rigid crush resistant anti-shock PVC spiral helix encapsulated in a dark grey flexible PVC cover, with a smooth inside wall.

Colour

Standard - Dark Grey, White Helix

Temperature Range

-10°C to +55°C

Size Range

1" to 10"

25.4mm to 254.0mm

Standard Length

Up to 6", 30 metres supplied in a coil

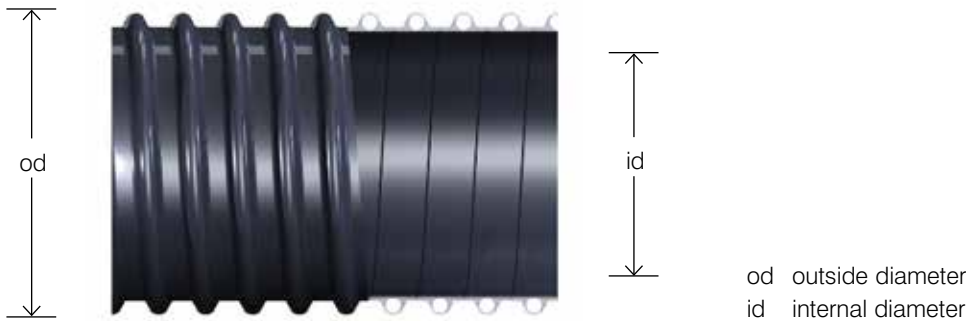
Over 6", 10 metres supplied in a coil

Other coil lengths available subject to minimum order quantity

Special Features

- Optimum flow is maintained by the smooth bore
- Tough, flexible and extremely durable under normal operating conditions
- Crush resistant helix
- Cross section maintained even when highly flexed





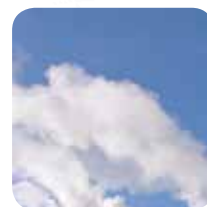
CVL - High Flexibility Ducting Hose, Dark Grey

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
CVL10	1"	25.4	32.0	3.3	0.20	25	5	0.5	30
CVL12	1¼"	32.0	38.6	3.3	0.30	32	5	0.5	30
CVL15	1½"	38.0	44.8	3.4	0.31	38	5	0.5	30
CVL20	2"	51.6	58.6	3.5	0.44	51	5	0.5	30
CVL25	2½"	63.5	71.5	4.0	0.65	63	4	-	30
CVL30	3"	76.0	85.0	4.5	0.75	76	4	-	30
CVL35	3½"	90.0	99.0	4.5	0.80	89	3	-	30
CVL40	4"	102.0	112.0	5.0	1.01	102	3	-	30
CVL50	5"	127.0	138.0	5.5	1.36	127	3	-	30
CVL60	6"	152.0	164.0	6.0	1.76	152	3	-	30
CVL80	8"	204.0	218.0	7.0	2.65	203	3	-	10
CVL100	10"	254.0	268.0	7.0	3.30	254	3	-	10

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.



CV

Vacuum Extraction Hose

A medium weight 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.

Applications:

Ideally suited to arduous applications on industrial vacuum cleaners and for the extraction of fumes, wood chippings and sawdust.

Construction

White rigid crush resistant anti-shock PVC spiral helix encapsulated in an dark green flexible PVC cover, with a smooth inside wall.

Colour

Standard - Light Grey, White Helix

Temperature Range

-10°C to +55°C

Size Range

1" to 6"

25.4mm to 152.0mm

Standard Length

30 metres supplied in a coil

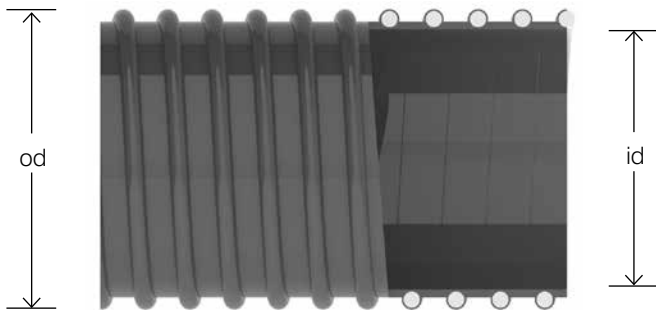
Special Features

- Optimum flow is maintained by the smooth bore
- Tough, flexible and extremely durable under normal operating conditions
- Crush resistant helix
- Cross section maintained even when highly flexed

Also Available

- CVLFR - Flame Retardant High Flexibility Ducting Hose
- CVL - Lightweight PVC Ducting Hose





od outside diameter
id internal diameter

CV - Vacuum Extraction Hose, Dark Green or Grey

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
CV10	1"	25.4	33.4	4.0	0.25	63	5	4.0	30
CV12	1¼"	32.0	41.0	4.5	0.40	80	5	3.5	30
CV15	1½"	38.0	48.0	5.0	0.50	95	5	3.3	30
CV20	2"	51.6	62.4	5.4	0.65	128	4	2.8	30
CV25	2½"	63.5	74.7	6.0	0.85	158	4	2.5	30
CV30	3"	76.2	87.6	8.0	1.10	190	4	2.3	30
CV35	3½"	90.0	102.0	6.0	1.35	223	3	2.0	30
CV40	4"	102.0	114.6	6.3	1.65	255	3	2.0	30
CV50	5"	127.0	140.4	6.3	2.30	318	3	2.0	30
CV60	6"	152.0	167.0	7.5	2.80	380	3	1.8	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.



Also Available

- CPUAS - Anti-Static Polyurethane Ducting Hose

CPU

Polyurethane Ducting Hose

High flexibility polyurethane ducting hose, reinforced with a rigid crush resistant grey PVC helix. CPU ducting is manufactured from polyether polyurethane offering excellent resistance to hydrolysis. 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.

CPUAS has a nine strand copper wire bonded to the outside of the hose, enabling the discharge of static electricity.

Applications:

CPU polyurethane ducting is suitable for use in abrasive applications on industrial vacuum cleaners and for the extraction of fumes, grit, sugar, grain, wood chippings & sawdust.

Construction

Grey rigid crush resistant anti-shock PVC spiral helix encapsulated in clear flexible polyurethane cover, with a smooth inside wall. CPU is manufactured from FDA approved ingredients and is non-toxic.

Colour

Standard - Clear, Grey Helix

Temperature Range

-25°C to +85°C

Size Range

1" to 8"

25.4mm to 203.0mm

Standard Length

Up to 6", 20 metres supplied in a coil

Over 6", 10 metres supplied in a straight length

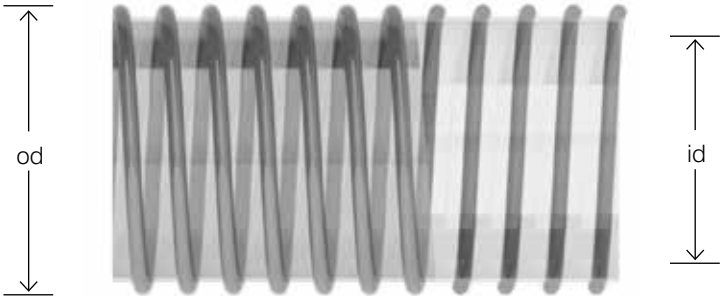
Also available in straight lengths with couplings if required

Special Features

- Tough, flexible and extremely durable under normal operating conditions
- Crush resistant helix
- Excellent abrasion resistance
- Suitable for wet or dry media
- Cross section maintained even when highly flexed
- Non-toxic

Polyester Polyurethane version available on request.





od outside diameter
id internal diameter

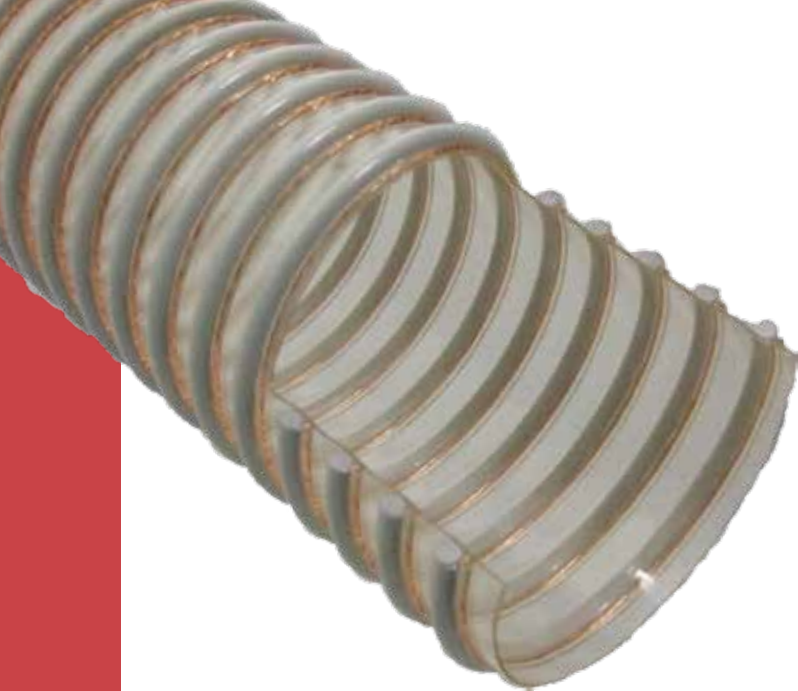
CPU - Polyurethane Ducting Hose, Clear with Grey Helix

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
CPU10	1"	25.4	30.5	2.8	0.14	25	5	1.0	20
CPU12	1¼"	32.0	38.0	3.2	0.20	32	5	0.5	20
CPU15	1½"	38.0	44.4	3.2	0.23	38	5	0.5	20
CPU20	2"	51.0	59.0	4.0	0.40	51	5	-	20
CPU25	2½"	63.0	70.6	3.8	0.45	63	4	-	20
CPU30	3"	76.0	84.8	4.8	0.70	76	4	-	20
CPU35	3½"	89.0	98.4	4.9	0.75	89	3	-	20
CPU40	4"	102.0	113.0	5.0	0.80	102	3	-	20
CPU50	5"	127.0	138.6	6.0	1.30	127	3	-	20
CPU60	6"	152.0	164.4	6.2	1.50	152	3	-	20
CPU80	8"	203.0	215.4	6.2	2.30	203	3	-	10

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.



CPUAS

Non-Toxic Anti-Static Polyurethane Ducting Hose

High flexibility polyurethane ducting hose, reinforced with a rigid crush resistant grey PVC helix. CPUAS ducting is manufactured from polyether polyurethane offering excellent resistance to hydrolysis. 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. CPUAS has a nine strand copper wire coated with polyurethane bonded to the outside of the hose, enabling the discharge of static electricity.

Applications:

CPUAS polyurethane ducting is suitable for use in abrasive applications on industrial vacuum cleaners and for the extraction of fumes, grit, sugar, grain, wood chippings & sawdust. Manufactured from FDA approved ingredients, CPUAS ducting hose is suitable for food contact applications.

Construction

Grey rigid crush resistant anti-shock PVC spiral helix encapsulated in clear flexible polyurethane cover, with a smooth inside wall. Manufactured from FDA approved ingredients.

Colour

Standard - Clear, Grey Helix

Temperature Range

-25°C to +85°C



Size Range

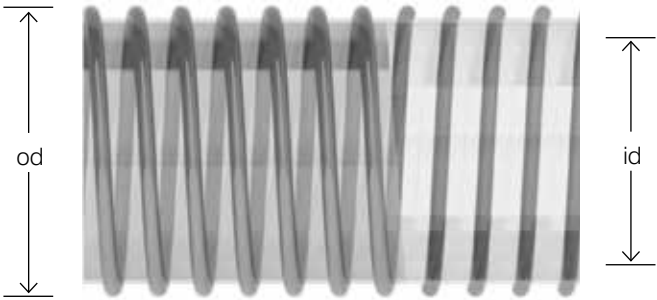
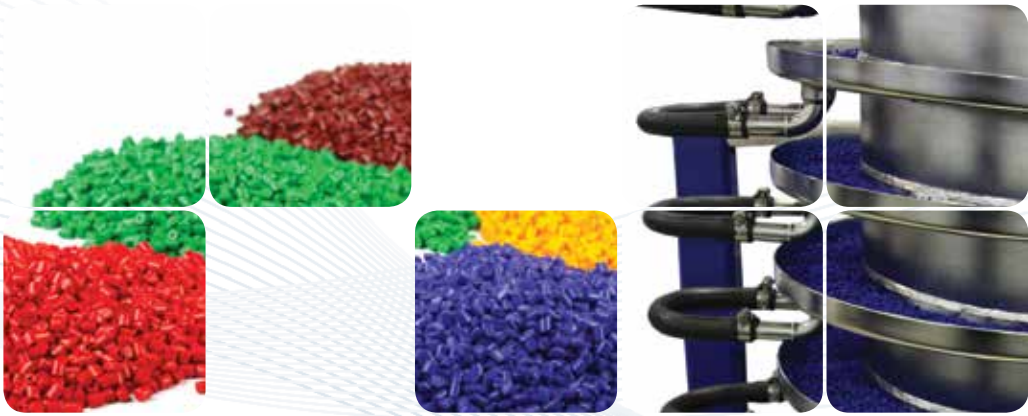
1" to 8"
25.0mm to 203.0mm

Standard Length

Up to 6", 20 metres supplied in a coil
Over 6", 10 metres supplied in a coil

Special Features

- Anti-Static
- Optimum flow is maintained by the smooth bore
- Tough, flexible and extremely durable under normal operating conditions
- Crush resistant helix
- Excellent abrasion resistance
- Suitable for wet or dry media
- Cross section maintained even when highly flexed



od outside diameter
id internal diameter

CPUAS - Non-Toxic Anti-Static Polyurethane Ducting Hose

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
CPUAS10	1"	25.0	30.4	2.7	0.15	25	5	1.0	20
CPUAS12	1¼"	32.0	38.0	3.0	0.20	32	5	0.5	20
CPUAS15	1½"	38.0	44.6	3.3	0.23	38	5	0.5	20
CPUAS20	2"	51.0	58.0	3.5	0.34	51	5	0.5	20
CPUAS25	2½"	63.0	70.6	3.8	0.43	63	4	-	20
CPUAS30	3"	76.0	84.8	4.4	0.55	76	4	-	20
CPUAS35	3½"	89.0	98.4	4.7	0.71	89	3	-	20
CPUAS40	4"	102.0	112.4	5.2	0.82	102	3	-	20
CPUAS50	5"	127.0	138.6	5.8	1.00	127	3	-	20
CPUAS60	6"	152.0	164.8	6.4	1.37	152	3	-	20
CPUAS80	8"	203.0	215.0	6.0	2.20	203	3	-	10

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.



VL

Vacuflex

A lightweight PVC ducting hose, reinforced with a PVC coated spring steel helix. VL ducting is extremely flexible and durable under normal operating conditions. The cross section is maintained even when highly flexed.

Applications:

VL ducting is suitable for the light duty extraction of fumes, air and dust. Also suitable for applications in the automotive industry.

Construction

Flexible PVC ducting reinforced with a PVC coated spring steel helix.

Colour

Standard - Black, Clear

Temperature Range

-10°C to +55°C

Size Range

1" to 4½"

25.0mm to 115.0mm

Larger sizes on request

Standard Length

10 metres supplied in a coil

Special Features

- Highly flexible, can be used in confined spaces
- Cross section maintained even when highly flexed





VL - Vacuflex, Black or Clear

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
VL10	1"	25.0	30.0	0.5	0.15	13	2	1.5	10
VL12	1¼"	32.0	37.0	0.5	0.15	16	2	1.3	10
VL15	1½"	38.0	43.0	0.5	0.20	19	2	1.2	10
VL17	1¾"	45.0	50.0	0.5	0.25	23	1	1.1	10
VL20	2"	51.0	56.0	0.5	0.30	26	1	1.1	10
VL22	2¼"	57.0	62.0	0.5	0.32	29	1	1.0	10
VL25	2½"	63.0	68.0	0.5	0.35	32	1	0.8	10
VL27	2¾"	70.0	75.0	0.5	0.52	35	1	0.8	10
VL30	3"	76.0	81.0	0.5	0.60	38	1	0.6	10
VL32	3¼"	82.0	87.0	0.5	0.65	41	1	0.5	10
VL35	3½"	89.0	94.0	0.5	0.70	45	1	0.5	10
VL40	4"	102.0	107.0	0.5	0.75	51	1	0.4	10
VL45	4½"	115.0	120.0	0.7	8.00	58	0	0.2	10

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.



VHW

Vacuflex

A medium weight PVC ducting hose, reinforced with a PVC coated spring steel helix. VHW ducting is extremely flexible and durable under normal operating conditions. The cross section is maintained even when highly flexed.

Applications:

VHW ducting is suitable for the extraction of fumes, air and dust. Also suitable for applications in the automotive industry.

Construction

Flexible PVC ducting reinforced with a PVC coated spring steel helix.

Colour

Standard - Grey

Temperature Range

-10°C to +55°C

Size Range

1" to 4½"

25.0mm to 115.0mm

Larger sizes on request

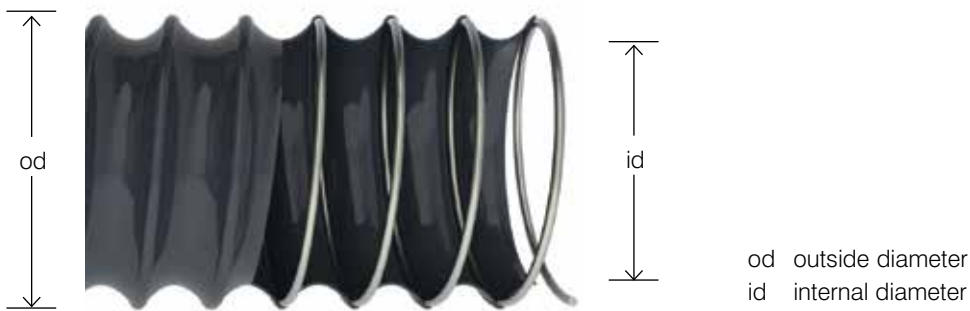
Standard Length

10 metres supplied in a coil

Special Features

- Highly flexible, can be used in confined spaces
- Cross section maintained even when highly flexed





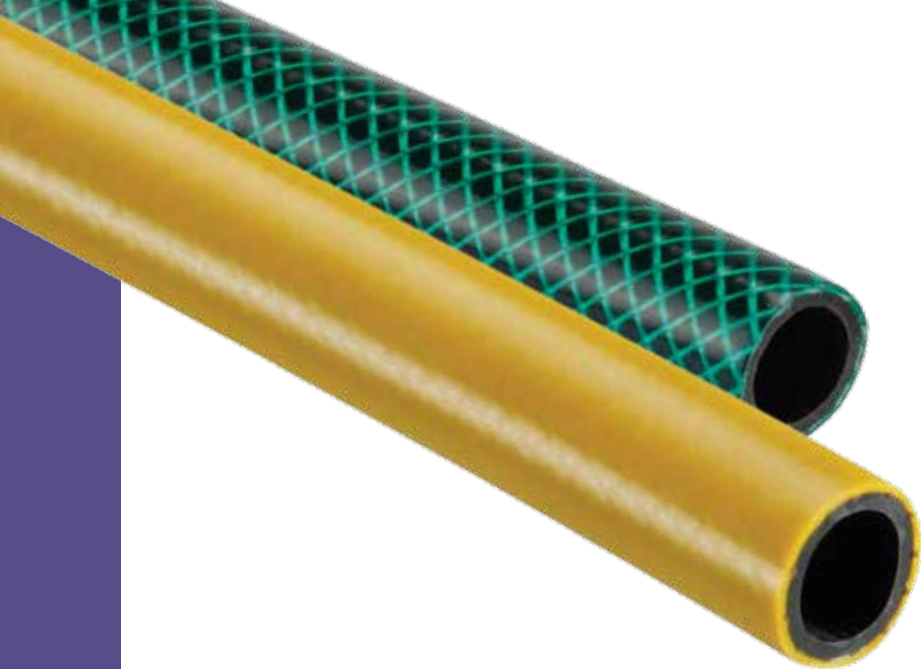
VHW - Vacuflex, Grey

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
VHW10	1"	25.0	31.0	0.75	0.24	16	2	1.7	10
VHW12	1¼"	32.0	38.0	0.75	0.30	19	2	1.5	10
VHW15	1½"	38.0	44.0	0.75	0.35	22	2	1.4	10
VHW17	1¾"	45.0	51.0	0.75	0.45	26	2	1.3	10
VHW20	2"	51.0	57.0	1.00	0.63	29	2	1.3	10
VHW22	2¼"	57.0	63.0	1.00	0.70	32	2	1.2	10
VHW25	2½"	63.0	69.0	1.00	0.78	35	1	1.0	10
VHW27	2¾"	70.0	76.0	1.00	0.86	38	1	0.9	10
VHW30	3"	76.0	82.0	1.00	1.04	41	1	0.8	10
VHW32	3¼"	82.0	88.0	1.00	1.12	44	1	0.7	10
VHW35	3½"	89.0	95.0	1.00	1.21	48	1	0.7	10
VHW40	4"	102.0	108.0	1.25	1.63	54	1	0.6	10
VHW45	4½"	115.0	121.0	1.25	1.40	61	1	0.5	10

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.



APWH

All Purpose PVC Water Hose

The all purpose water hose range offers outstanding low temperature characteristics combined with flexibility and has been designed for the professional.

Applications:

Suitable for general purpose water applications, including sports grounds, agricultural and horticultural and domestic garden applications.

Construction

Two layers of smooth PVC bonded together encapsulating high tensile polyester fibres.

Colour

Yellow and Translucent Green

Temperature Range

-10°C to +55°C

Size Range

½" to 1"

12.5mm to 25.0mm

Standard Length

30 metres supplied in a coil

Special Features

- Professional quality PVC water hose with braided textile reinforcement for added strength
- Made from abrasion resistant PVC compounds
- High flexibility
- Silicone free
- Abrasion resistance – good
- Made from Cadmium free materials
- Kink resistance – good
- Outstanding all year round flexibility
- Polyester fibre reinforcement



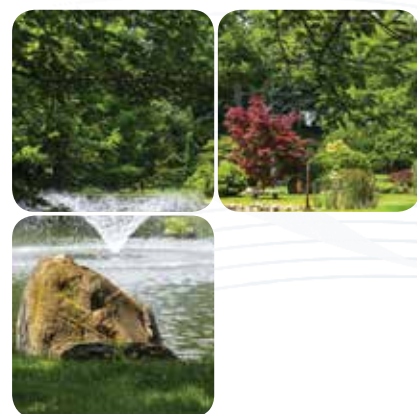


APWH - All Purpose PVC Water Hose, Yellow and Translucent Green

Product Ref.	Internal Dia. Inches	Internal Dia. mm	External Dia. mm	Working Pressure Bar	Min. Bend Radius Radius mm	Weight Kg/Coil	Coil Length Metres
APWH12.5	1/2"	12.5	17.0	10.0	62.5	4.56	30
APWH19	3/4"	19.0	24.5	10.0	95.0	8.25	30
APWH25	1"	25.0	31.0	10.0	125.0	11.91	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.



AQH

Non-Toxic Aquatic Hose

A lightweight PVC 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.

Applications:

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

Construction

Manufactured from a white rigid crush resistant anti-shock PVC Spiral helix encapsulated in a black flexible PVC cover, with a smooth inside wall. Manufactured from FDA approved ingredients and is non-toxic.

Colour

Standard - Black, White Helix

Temperature Range

-10°C to +55°C

Size Range

½" to 3"

12.0mm to 76.0mm

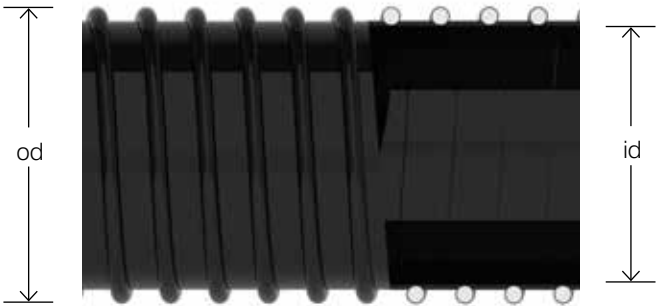
Standard Length

30 metres supplied in a coil

Special Features

- UV resistant
- Tough, flexible and extremely durable under normal operating conditions
- Crush resistant helix
- Cross section maintained even when highly flexed
- Non-toxic





od outside diameter
id internal diameter

AQH - Non-Toxic Aquatic Hose, Black

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
AQH05	1/2"	12.0	16.5	2.2	0.08	16	5	2.0	30
AQH06	5/8"	16.0	20.7	2.4	0.11	20	5	2.0	30
AQH07	3/4"	19.0	23.7	2.4	0.15	24	5	2.0	30
AQH10	1"	25.4	30.9	2.8	0.17	31	5	2.0	30
AQH12	1 1/4"	32.0	38.0	3.0	0.25	40	5	2.0	30
AQH15	1 1/2"	38.0	44.4	3.2	0.32	48	4	2.0	30
AQH17	1 19/32"	40.4	47.4	3.5	0.39	55	4	1.0	30
AQH20	2"	51.6	58.8	3.6	0.43	64	4	1.0	30
AQH30	3"	76.0	85.2	4.6	1.06	150	4	1.0	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.



Also Available

- MHFG - Food Grade Version
Contact us for more information

MH

Clear PVC Tubing

MH clear PVC tubing is manufactured from FDA approved ingredients and is non-toxic. MH tubing is resistant to a wide range of chemicals. Minimum frictional loss is achieved by the smooth bore.

Applications:

MH tubing is extremely versatile and can be used in a wide range of low pressure applications including the transfer of liquids, powders and gases.

Construction

Clear unreinforced flexible PVC manufactured from FDA approved ingredients.

Colour

Standard - Clear

Subject to minimum order quantity, colours and tints are available to order

Temperature Range

-10°C to +55°C

Size Range

1/8" to 2"

3.0mm to 50.0mm

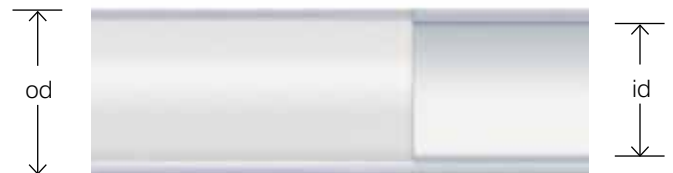
Standard Length

30 metres supplied in a coil

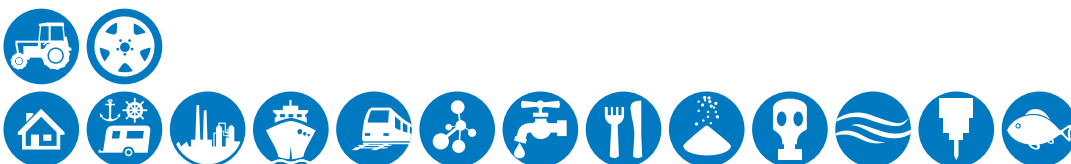
Subject to minimum order quantity, longer or shorter lengths are available to order

Special Features

- Optimum flow is maintained by the smooth bore
- Tough, flexible and extremely durable under normal operating conditions
- Flexibility maintained even under cold weather conditions
- Non-toxic



od outside diameter
id internal diameter





MH - Clear PVC Tubing

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
MH3/6	1/8"	3.0	6.0	1.5	0.78	24	-	-	30
MH4/6	5/32"	4.0	6.0	1.0	0.58	32	-	-	30
MH4/10	5/32"	4.0	10.0	3.0	2.43	32	-	-	30
MH5/8	13/64"	5.0	8.0	1.5	1.13	40	-	-	30
MH6/9	15/64"	6.0	9.0	1.5	1.31	48	-	-	30
MH6/12	15/64"	6.0	12.0	3.0	3.12	48	-	-	30
MH8/11	5/16"	8.0	11.0	1.5	1.65	64	-	-	30
MH8/14	5/16"	8.0	14.0	3.0	3.83	64	-	-	30
MH9/12	23/64"	9.0	12.0	1.5	1.83	72	-	-	30
MH10/13	25/64"	10.0	13.0	1.5	2.00	80	-	-	30
MH10/16	25/64"	10.0	16.0	3.0	4.52	80	-	-	30
MH12/15	15/32"	12.0	15.0	1.5	2.35	96	-	-	30
MH12/16	15/32"	12.0	16.0	2.0	3.25	96	-	-	30
MH12/18	15/32"	12.0	18.0	3.0	5.22	96	-	-	30
MH13/19	33/64"	13.0	19.0	3.0	5.57	104	-	-	30
MH16/22	5/8"	16.0	22.0	3.0	6.61	128	-	-	30
MH19/22	3/4"	19.0	22.0	1.5	3.56	152	-	-	30
MH19/25	55/64"	19.0	25.0	3.0	7.65	152	-	-	30
MH22/28	17/32"	22.0	28.0	3.0	8.69	176	-	-	30
MH25/31	63/64"	25.0	31.0	3.0	9.74	200	-	-	30
MH32/38	1 1/4"	32.0	38.0	3.0	12.17	256	-	-	30
MH32/41	1 1/4"	32.0	41.0	4.5	19.04	256	-	-	30
MH38/47	1 1/2"	38.0	47.0	4.5	22.17	304	-	-	30
MH45/54	1 3/4"	45.0	54.0	4.5	25.82	360	-	-	30
MH50/62	2"	50.0	62.0	6.0	38.95	400	-	-	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.



HN

Clear Braided PVC Hose

A lightweight PVC hose, reinforced with high tensile polyester fibres. HN braided PVC Hose is tough, flexible and extremely durable under normal operating conditions. Manufactured from FDA approved ingredients, HN 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.

Applications:

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

Construction

Two layers of clear flexible PVC bonded together encapsulating high tensile polyester fibres. Manufactured from FDA approved ingredients.

Colour

Standard - Clear

Red, Blue & Black available

HN30 to HN90

Other colours available subject to minimum order

Temperature Range

-10°C to +60°C

In accordance with BS EN ISO 6224 and BS EN ISO 5774

Size Range

3/16" to 2"

5.0mm to 50.0mm

Standard Length

30 metres supplied in a coil

Subject to minimum order quantity, longer lengths are available to order

Special Features

- Optimum flow is maintained by the smooth bore
- Excellent transparency, enabling blockages to be located
- Highly flexible
- Good resistance to a wide range of chemicals
- Non-toxic
- Manufactured to comply with ISO 5774, BS 6066:1981 & BS EN ISO 6224 :1997



Also Available

- HNFG - Food Grade Version
Contact us for more information



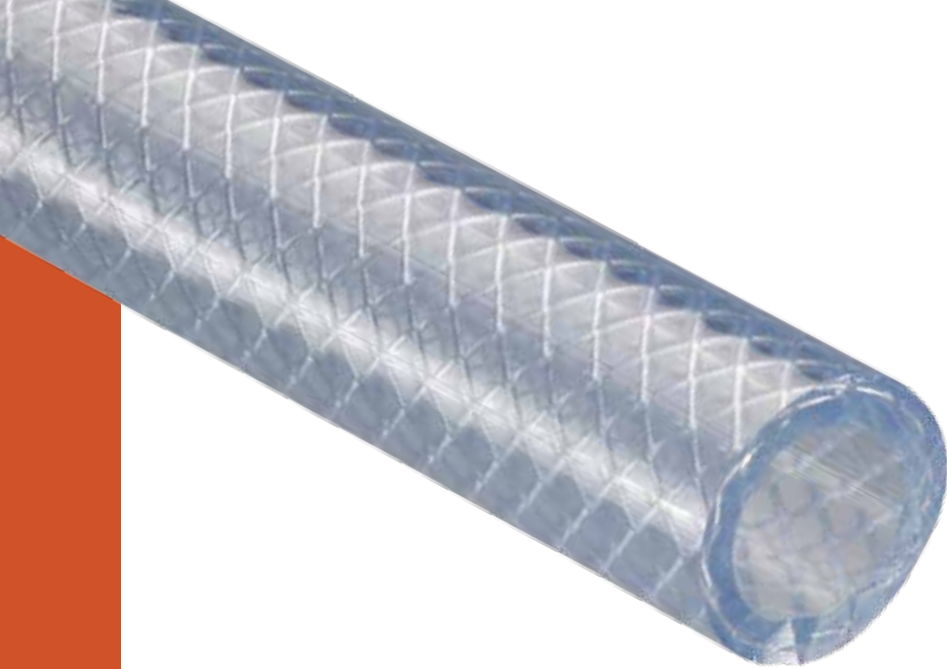
HN - Clear Braided PVC Hose

Product Ref.	Internal Dia. Inches	Internal Dia. mm	External Dia. mm	Working Pressure Bar	Min. Bend Radius Radius mm	Weight Kg/Coil	Coil Length Metres
HN10	3/16"	5.0	10.0	25.0	32.5	2.25	30
HN30	1/4"	6.3	11.4	22.0	41.0	2.70	30
HN40	5/16"	8.0	13.2	21.0	52.0	3.30	30
HN45	3/8"	10.0	16.0	20.0	65.0	4.62	30
HN50	1/2"	12.5	18.2	16.0	81.3	5.34	30
HN70	5/8"	16.0	23.0	15.0	104.0	8.40	30
HN80	3/4"	19.0	25.6	15.0	123.5	9.09	30
HN90	1"	25.0	32.6	13.0	162.5	13.41	30
HN100	1 1/4"	32.0	41.6	8.0	208.0	21.72	30
HN110	1 1/2"	38.0	48.0	8.0	247.0	26.37	30
HN160	2"	50.0	61.6	7.0	325.0	39.42	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 4:1 for air and 3:1 for water 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.



XL

Lightweight Clear Braided PVC Hose

XL is a lightweight version of our HN Clear Braided PVC hose with a reduced wall thickness. XL Clear Braided PVC hose is suitable for less arduous applications than our HN braided PVC hose.

Manufactured from FDA approved ingredients, XL Clear Braided PVC hose is non-toxic. It is resistant to a wide range of chemicals. Minimum frictional loss is achieved by the smooth bore.

Applications:

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

Construction

Two layers of clear flexible PVC bonded together encapsulating high tensile polyester fibres.

Colour

Standard - Clear

Temperature Range

-10°C to +60°C

In accordance with BS EN ISO 6224 and BS EN ISO 5774

Size Range

1/4" to 2"

6.3mm to 50.0mm

Standard Length

30 metres supplied in a coil

Subject to minimum order quantity, longer lengths are available to order

Special Features

- Optimum flow is maintained by the smooth bore
- Excellent transparency, enabling blockages to be located
- Highly flexible
- Good resistance to a wide range of chemicals
- Non-toxic





XL - Lightweight Clear Braided PVC Hose

Product Ref.	Internal Dia.	Internal Dia.	External Dia.	Working Pressure Air	Working Pressure Water	Min. Bend Radius	Weight Kg/Coil	Coil Length
	Inches	mm	mm	Bar	Bar	Radius mm	Kg	Metres
XL30	¼"	6.3	10.5	17.0	12.7	41	2.13	30
XL40	⅝"	8.0	12.0	15.0	11.2	52	2.40	30
XL45	⅜"	10.0	14.0	11.0	8.2	65	2.88	30
XL50	½"	12.5	17.5	10.0	7.5	81	4.48	30
XL70	⅝"	16.0	22.0	10.0	7.5	104	6.60	30
XL80	¾"	19.0	24.0	9.0	6.7	124	6.78	30
XL90	1"	25.0	31.0	9.0	6.7	163	10.44	30
XL100	1¼"	32.0	40.0	8.0	6.0	208	17.91	30
XL110	1½"	38.0	46.0	6.0	4.5	247	20.91	30
XL160	2"	50.0	60.0	6.0	4.5	325	33.75	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.



LAH

Lightweight Air Hose

LAH is a lightweight multi-purpose flexible polyester reinforced PVC hose for general workshop use and air tools. Manufactured using an advanced extrusion process, LAH offers excellent kink resistance and abrasion resistance ensuring long lasting use.

Applications:

Ideally suited to applications such as hand held air tools where lightweight and greater flexibility reduce operator fatigue.

Construction

Two lightweight layers of high quality PVC bonded together encapsulating high tensile polyester fibres.

Colour

Standard - Black, Blue or Red cover with black liner
Other colours are available subject to minimum order

Temperature Range

-10°C to +60°C

In accordance with BS EN ISO 6224 and BS EN ISO 5774

Size Range

1/4" to 3/4"

6.3mm to 19.0mm

Standard Length

30 metres supplied in a coil

Subject to minimum order quantity, longer lengths are available to order

Special Features

- Abrasion resistance
- Highly flexible
- Kink resistant
- Good resistance to a wide range of chemicals



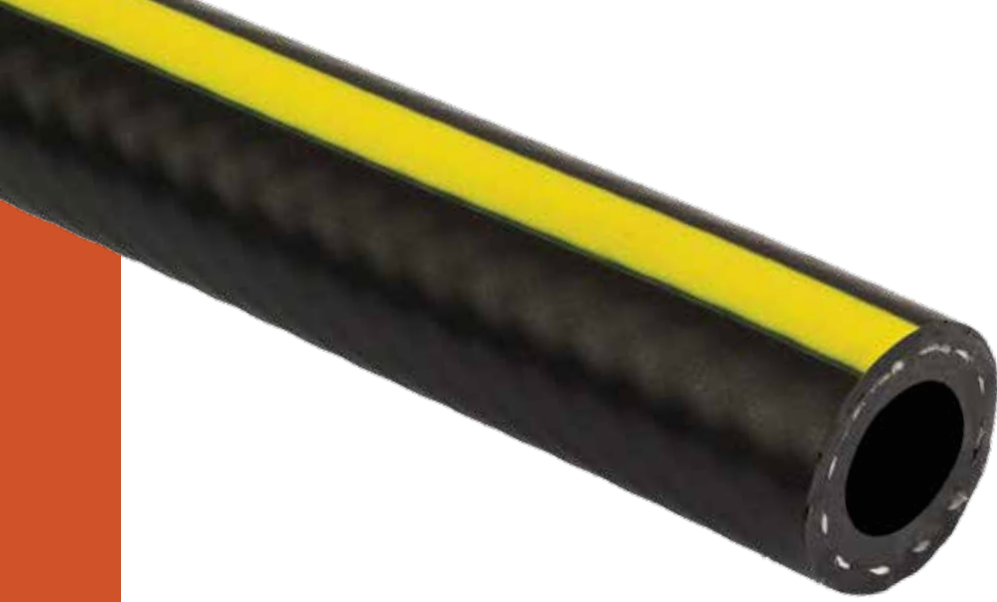


LAH - Lightweight Air Hose, Black, Blue or Red

Product Ref.	Internal Dia. Inches	Internal Dia. mm	External Dia. mm	Working Pressure Bar	Min. Bend Radius Radius mm	Weight Kg/Coil	Coil Length Metres
LAH30	1/4"	6.3	10.5	18.0	26.3	2.31	30
LAH40	5/16"	8.0	12.5	15.0	31.3	2.85	30
LAH45	3/8"	10.0	14.0	13.0	35.0	2.97	30
LAH50	1/2"	12.5	17.0	11.0	42.5	4.53	30
LAH70	5/8"	16.0	21.0	11.0	52.5	6.02	30
LAH80	3/4"	19.0	24.0	11.0	60.0	6.99	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.



GPA

General Purpose Air Hose

Manufactured from a compound containing nitrile, offering excellent flexibility and kink resistance, the GPA range of multi-purpose flexible polyester reinforced PVC hose is ideal for general workshop use and air tools. Minimum frictional loss is achieved by the smooth bore.

The GPA range of hose feature a stripe on the cover which subject to minimum order quantities can be printed to the customer requirements.

Applications:

The GPA range is ideally suited to compressed air applications in the industrial, construction and automotive sectors.

Construction

A high quality PVC core is bonded to a nitrile/PVC alloy cover encapsulating high tensile polyester fibres.

Colour

Standard - Black cover with yellow stripe
Subject to minimum order quantity, other colours are available

Temperature Range

-10°C to +60°C

In accordance with BS EN ISO 5774

Size Range

3/16" to 1"

5.0mm to 25.0mm

Standard Length

30 metres supplied in a coil

Subject to minimum order quantity, longer lengths are available to order

Special Features

- Oil mist resistant cover
- Abrasion resistance
- Highly flexible
- Kink resistant
- Good resistance to a wide range of chemicals





od outside diameter
id internal diameter

GPA - General Purpose Air Hose, Black with Yellow Stripe

Product Ref.	Internal Dia. Inches	Internal Dia. mm	External Dia. mm	Working Pressure Bar	Min. Bend Radius Radius mm	Weight Kg/Coil	Coil Length Metres
GPA5/13	3/16"	5.0	13.0	16.0	84.5	5.16	30
GPA6/14	1/4"	6.3	14.0	16.0	91.0	5.58	30
GPA8/15	5/16"	8.0	15.0	16.0	104.0	6.87	30
GPA10/17	3/8"	10.0	17.0	16.0	117.0	8.13	30
GPA13/21	1/2"	12.5	21.0	16.0	143.0	12.00	30
GPA19/29	3/4"	19.0	29.0	16.0	188.5	18.15	30
GPA25/37	1"	25.0	37.0	16.0	240.5	27.78	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 4:1 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.



CMP

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.

Applications:

Suitable for use in the construction and heavy engineering industries.

Construction

Two layers of PVC bonded together encapsulating high tensile polyester fibres.

Colour

Standard - Yellow Cover, Black Liner

Temperature Range

-10°C to +60°C

In accordance with BS EN ISO 5774

Size Range

¼" to 1"

6.0mm to 25.0mm

Standard Length

30 metres supplied in a coil

Also available in 15 metre assemblies with quick release safety couplings if required

Special Features

- Excellent abrasion resistance
- Outstanding resistance to ageing
- Highly flexible
- Kink resistant
- Good resistance to a wide range of chemicals





od outside diameter
id internal diameter

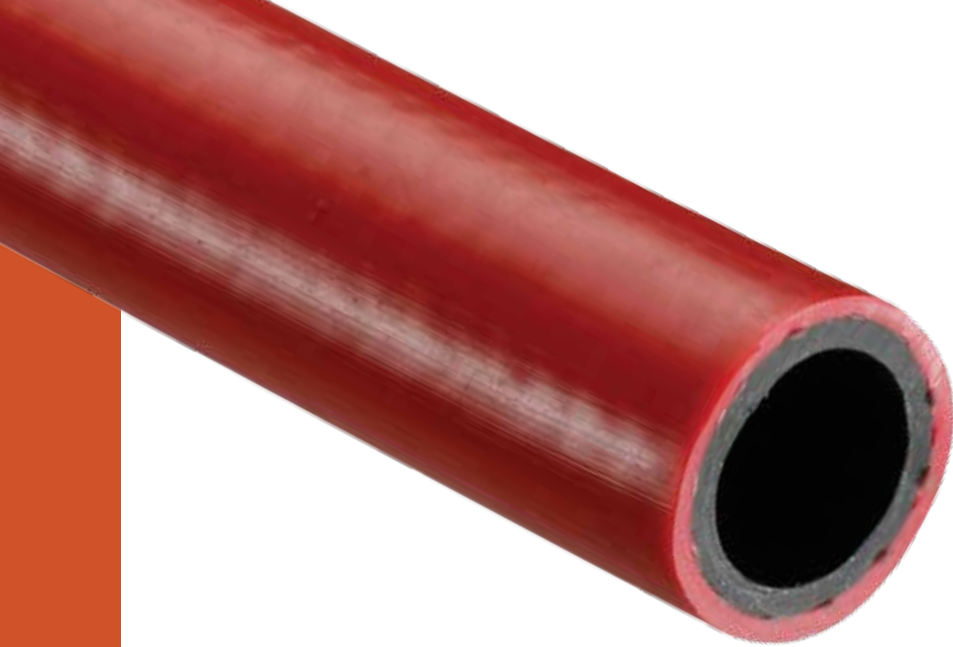
CMP - Compressor Hose, Yellow

Product Ref.	Internal Dia. Inches	Internal Dia. mm	External Dia. mm	Working Pressure Bar	Min. Bend Radius Radius mm	Weight Kg/Coil	Coil Length Metres
CMP6/12	1/4"	6.0	12.0	16.0	60.0	3.69	30
CMP8/15	5/16"	8.0	15.0	16.0	75.0	5.49	30
CMP10/17	3/8"	10.0	17.0	16.0	85.0	6.66	30
CMP12.5/19	1/2"	12.5	19.0	16.0	95.0	7.26	30
CMP19/29	3/4"	19.0	29.0	16.0	145.0	17.28	30
CMP25/36	1"	25.0	36.0	16.0	180.0	23.97	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.



RFH

PVC Fire Hose

Manufactured from a compound containing nitrile, offering excellent flexibility and kink resistance, this hose is designed for fire fighting purposes.

Applications:

Suitable for use on fixed fire reel installations in public buildings and offices.

Construction

Two layers of nitrile PVC bonded together encapsulating high tensile polyester fibres.

Colour

Standard - Red Cover, Black Liner

Temperature Range

-10°C to +60°C

In accordance with BS EN 694

Size Range

3/4" & 1"

19.0mm & 25.0mm

Standard Length

30 metres supplied in a coil

Subject to minimum order quantity, longer lengths are available to order

Special Features

- Excellent abrasion resistance
- Outstanding resistance to ageing
- Highly Flexible
- Kink resistant
- Good resistance to a wide range of chemicals





RFH - PVC Fire Hose, Red

Product Ref.	Internal Dia. Inches	Internal Dia. mm	External Dia. mm	Working Pressure Bar	Min. Bend Radius Radius mm	Weight Kg/Coil	Coil Length Metres
RFH19/26	3/4"	19.0	26.0	12.0	130.0	11.43	30
RFH25/34	1"	25.0	34.0	12.0	170.0	18.96	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.



DDH

Diesel Drop Hose

Manufactured from a compound containing nitrile, offering excellent flexibility and kink resistance, this hose is designed for the transportation of fuel oils. Minimum frictional loss is achieved by the smooth bore.

Applications:

Delivery of diesel, petrol and mineral based oils.

Construction

Two layers of nitrile PVC bonded together encapsulating high tensile polyester fibres.

Colour

Standard - Black

Temperature Range

-10°C to +55°C

Size Range

3/4" & 1"

19.0mm & 25.0mm

Standard Length

50 metres supplied in a coil

Subject to minimum order quantity, longer lengths are available to order

Special Features

- Excellent abrasion resistance
- Outstanding resistance to ageing
- Highly Flexible
- Kink resistant
- Good resistance to a wide range of chemicals





DDH - Diesel Drop Hose, Black

Product Ref.	Internal Dia. Inches	Internal Dia. mm	External Dia. mm	Working Pressure Bar	Min. Bend Radius Radius mm	Weight Kg/Coil	Coil Length Metres
DDH19/28	3/4"	19.0	28.0	7.0	140.0	25.50	50
DDH25/34	1"	25.0	34.0	7.0	180.0	32.00	50

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.



FP

Clear Polyurethane Tubing

FP clear Polyurethane tubing is manufactured from materials containing FDA approved ingredients and is suitable for food applications. FP tubing is resistant to a wide range of chemicals. Minimum frictional loss is achieved by the smooth bore.

Applications:

FP tubing is extremely versatile and can be used in a wide range of low pressure applications including the transfer of fuels, oils, greases, liquids, acids, gases and foodstuffs.

Construction

Clear unreinforced flexible polyether Polyurethane.

Colour

Standard - Clear

Subject to minimum order quantity, colours & tints are available to order

Temperature Range

-25°C to +85°C

Size Range

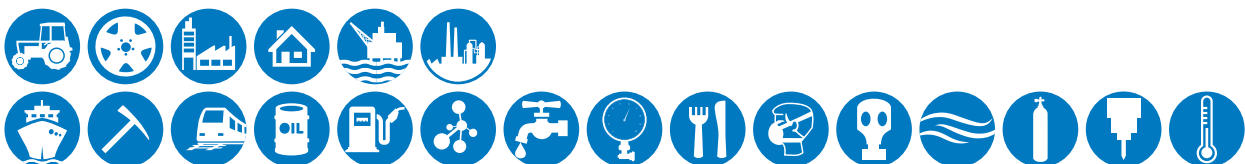
1/8" to 1/2"

3.0mm to 12.0mm

Standard Length

30 metres supplied in a coil

Subject to minimum order quantity, longer or shorter lengths are available to order





od outside diameter
id internal diameter

FP - Clear Polyurethane Tubing

Product Ref.	Internal Dia. Inches	Internal Dia. mm	Working Pressure Bar	Min. Bend Radius Radius mm	Weight kg/mtr	Coil Length Metres
FP3/6	1/8"	3.0	-	12	0.72	30
FP5/8	13/64"	5.0	-	20	1.03	30
FP6/9	15/64"	6.0	-	24	1.18	30
FP6/12	15/64"	6.0	-	24	2.85	30
FP8/11	5/16"	8.0	-	32	1.51	30
FP8/14	5/16"	8.0	-	32	3.51	30
FP10/16	25/64"	10.0	-	40	4.12	30
FP12/15	1/2"	12.0	-	48	5.34	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.



Also Available

- VDHR - Reinforced Vending Hose

VDH

Vending Hose

Contact us for further details

A low pressure tube with a bright white finish ideally suited for the conveyance of mains cold water. Offering excellent abrasion resistance this hose provides flexibility and durability.

Applications:

Ideally suited for low pressure applications, this product is suitable for water transfer as used in vending machines.

Construction

High quality PVC outer cover in bright white finish, with a smooth TPE inner layer offering improved flow.

Braid reinforced version available on request.
Contact us for further details.

Colour

Bright White outer
Black inner

Temperature Range

Consult us.

Size Range

1/4" and 3/8"
6.4mm and 9.5mm

Standard Length

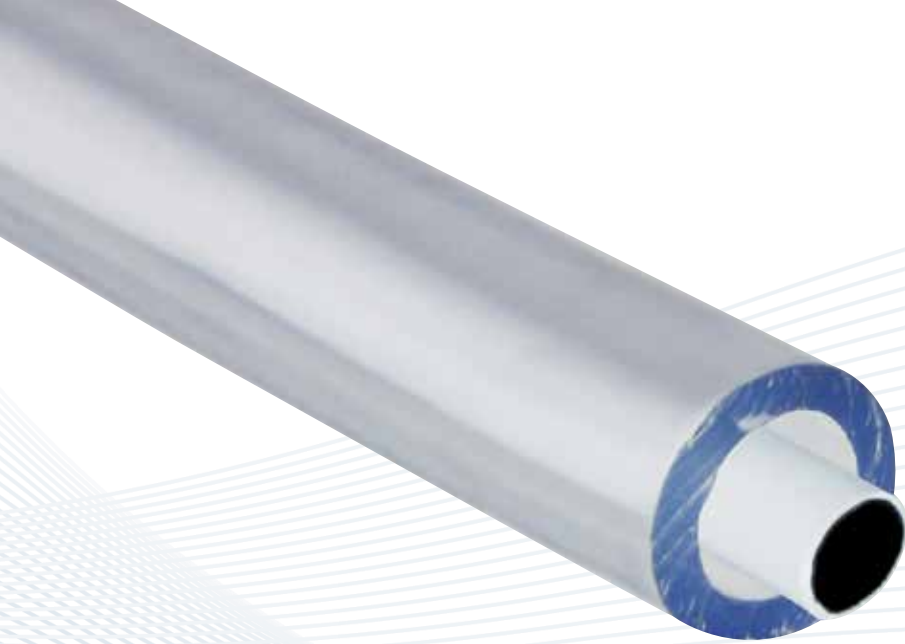
30 metres supplied in a coil

Special Features

- Optimum flow is maintained by smooth bore
- Tough, flexible and extremely durable under normal operating conditions
- Good flexibility
- Abrasion resistant

Visit our website for
further details -
www.griflex.com





DCH

Dual Containment Hose

Contact us for further details

Dual containment hose offering double protection for the safe and efficient conveyance of water and chemicals.

Applications:

Ideal for use in water treatment plants and sewage works, or for any other applications where a containment jacket protects the hose offering enhanced safety.

Construction

High quality PVC outer cover in bright white finish, with a smooth TPE inner layer offering improved flow. This is then encapsulated in a clear containment jacket.

Colour

Bright White outer
Black inner
Clear containment jacket

Temperature Range

Consult us.

Size Range

Consult us.

Standard Length

Supplied on drums. Available in lengths up to 1000m dependent on size of containment tube.

Other sizes available on request.
Contact us for further details.

Special Features

- Optimum flow is maintained by smooth bore
- Tough, flexible and extremely durable under normal operating conditions
- Good flexibility
- Abrasion resistant
- Available in continuous lengths

Visit our website for further details - www.griflex.com



Specials and Tailored Solutions

We design and manufacture our products using the latest manufacturing techniques and machinery. Our expertise and capabilities allow us to offer the opportunity to provide tailored solutions for Customers.



Alternative Materials

We can offer various alternative materials based on performance requirements;

- Food Grade
- Oil Resistance
- Higher Flexibility
- UV performance
- Flame Retardancy
- Abrasion resistance
- Colours

Special Sizes

We have listed the most popular sizes in our catalogue, however if you cannot find the sizes you are looking for please consult us.

We can offer the following options;

- Special Sizes
- Coil Lengths
- Pre-cut Lengths

Assemblies

Technical Application advice

We have specialist knowledge and advice regarding the performance of our products. We can offer data sheets on request.



Website and Latest News

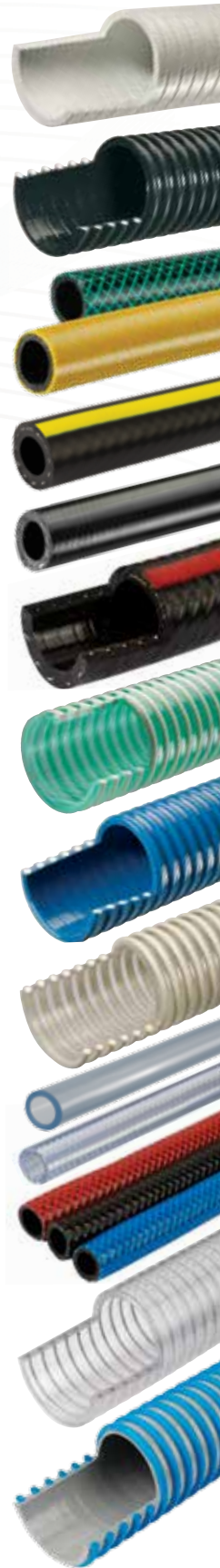
www.griflex.com

With multiple systems to choose from our products have been developed to provide solutions across many markets and sectors.

We are constantly developing new products and identifying new applications for our products and it has been impossible to list all of these in this new brochure.

For the latest news and product information please consult our website.

- Data Sheets
- New Products
- New Applications
- Company News



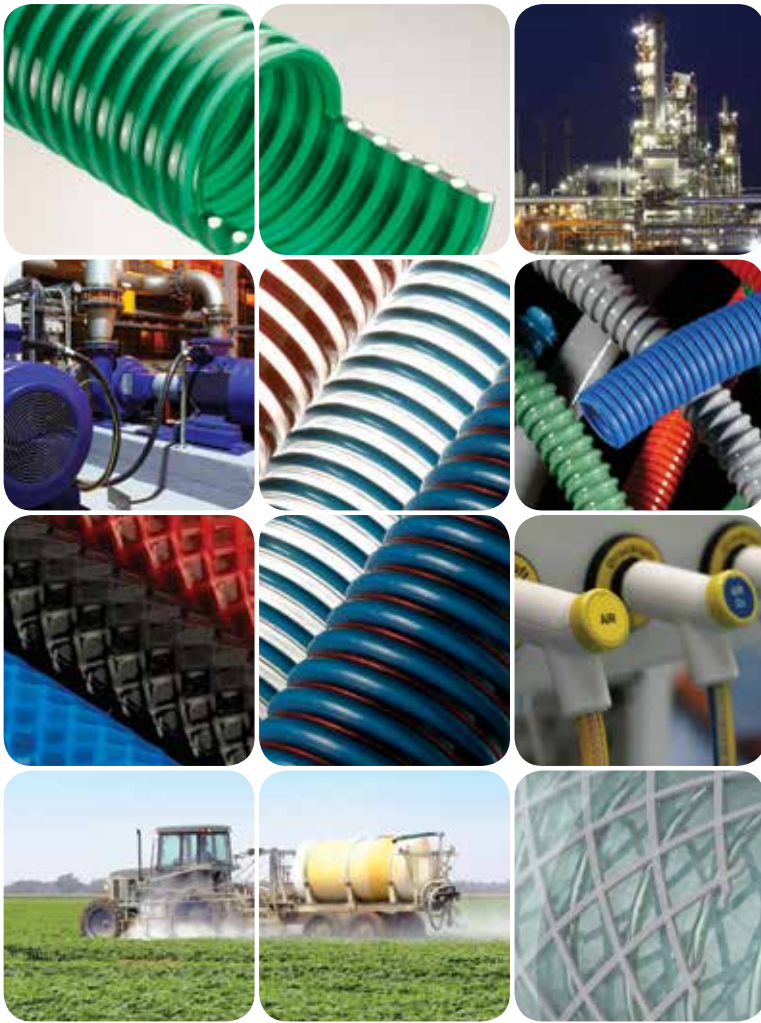
We are committed to exceeding customer expectations and this is backed up by exceptional levels of service and support.

- Specialist manufacturer of hoses and ducting
- Excellent service and availability thanks to extensive stockholding
- Environmentally friendly – ROHS & REACH and environmental policy
- Modern and efficient machinery and manufacturing techniques ensuring highest quality products
- With numerous applications, our products provide material handling solutions across multiple markets and sectors

Errors, omissions and amendments excepted

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