WELLCALL

PRODUCT CATALOGUE

INDUSTRIAL RUBBER HOSES

WELL™

WELLCALL HOSE (M) SDN BHD

緯鉅膠管(馬)私人有限公司

WELCOME
TO OUR WORLD

We are committed to leading the world in industrial rubber hose solutions by upholding the highest standards of professionalism and delivering exceptional quality, innovation, and reliability to empower industries globally.

Certified by:

DELIVERING VALUE BEYOND HOSES

Premium Quality

Engineered for durability and performance, using only premium materials.

Custom Solutions

Customized hose products to match your exact industrial needs and specifications.

Global Expertise

International standards, regional support - trusted by clients in over 70 countries.

CORPORATE VALUES

- Integrity & Total Commitment
- Global Customer Satisfaction
- Do It Right First Time & Every Time
- Excellent In Quality & Competitiveness
- Environmental Friendly & Social Responsibility

CONTENT

COMPANY PROFILE

Established
SINCE 1995

TRUST IS BUILT BY SERVICES AND QUALITY

"Specializes in Industrial Rubber Hose"

90%
EXPORT

>300
CUSTOMERS

>70
COUNTRIES

Wellcall Group is the leading manufacturer of low and medium pressure industrial rubber hose in Malaysia. Produces highest annual volume of industrial rubber hoses without compromising with quality. Our varieties of product include gas, water, oil, chemical, food, welding, shipbuilding and automotive hoses. Wellcall continuosly expand its product range offering custom made solutions.

Encompassing 30 years of growth and progress, Wellcall emerged as one of the preferred suppliers for low and medium pressure industrial rubber hose globally. Adapting well into vibrancy of market sentiments Wellcall strengths its positioning via beyond sales-service supported by technical expertise and in-depth research and development with professional consultation.

RECOGNITION & QUALITY ACCREDITATION

With over 30 years of extensive experience in the hose industry, our in-house Research and Development (R&D) team is dedicated to continuous improvement, maintaining high-quality standards and ensuring total customer satisfaction. Our products quality have been accredited and recognized by independent third-party organizations such as SGS, Lloyd's Register, SIRIM QAS International and the Malaysia Rubber Board. Our F&B hoses meet the stringent requirements set by the US FDA.

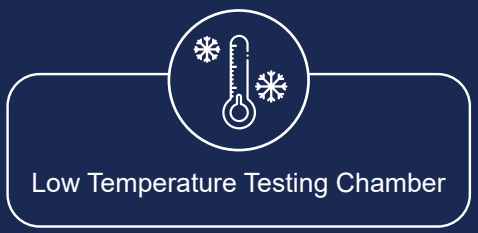
Hose Type	Standard Compliant
Air Brake Hose	SAE J1402 Type A
Compressed Air Hose	ISO 2398 Type 1C & 2C
FRAS Air Water Hose	AS 2660 Class A
Gas Hose	AS/NZS 1869 Class C & ISO 3821
Marine Fuel Hose	SAE J1527, ISO 7840 A1 & A2
Marine Wet Exhaust Hose	SAE J2006 Style R1 & R2
Sandblast Hose	ISO 3861

RoHS compliant

REACH

Our hoses fully comply with REACH & RoHS Regulation concerning the Registration, Evaluation, Authorization and Restriction of Chemicals.
They are totally free from any Substance of Very High Concern (SVHC).

LABORATORY FACILITIES

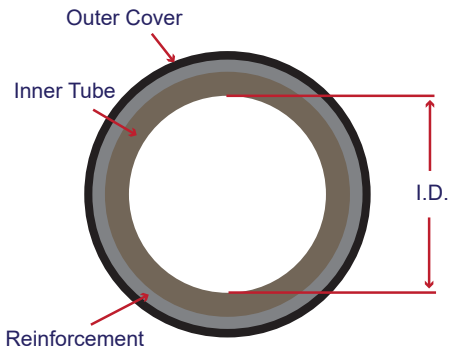


Before you spec it STAMPED

The acronym “STAMPED” will help in the proper selection of hose and/or fittings to reduce the chance of a failure from a misapplication. Serious damage and/or injury may occur if a hose or fitting is used in an application other than what it is designed for. It must also be noted that hose will degrade over time and is not designed for permanent piping applications, especially when it will not be subject to routine testing and inspection. These simple questions can greatly reduce the chance of a problem and help increase the useful life.

S	T	A	M	P	E	D
SIZE	TEMPERATURE	APPLICATION	MATERIAL	PRESSURE	ENDS	DELIVERY

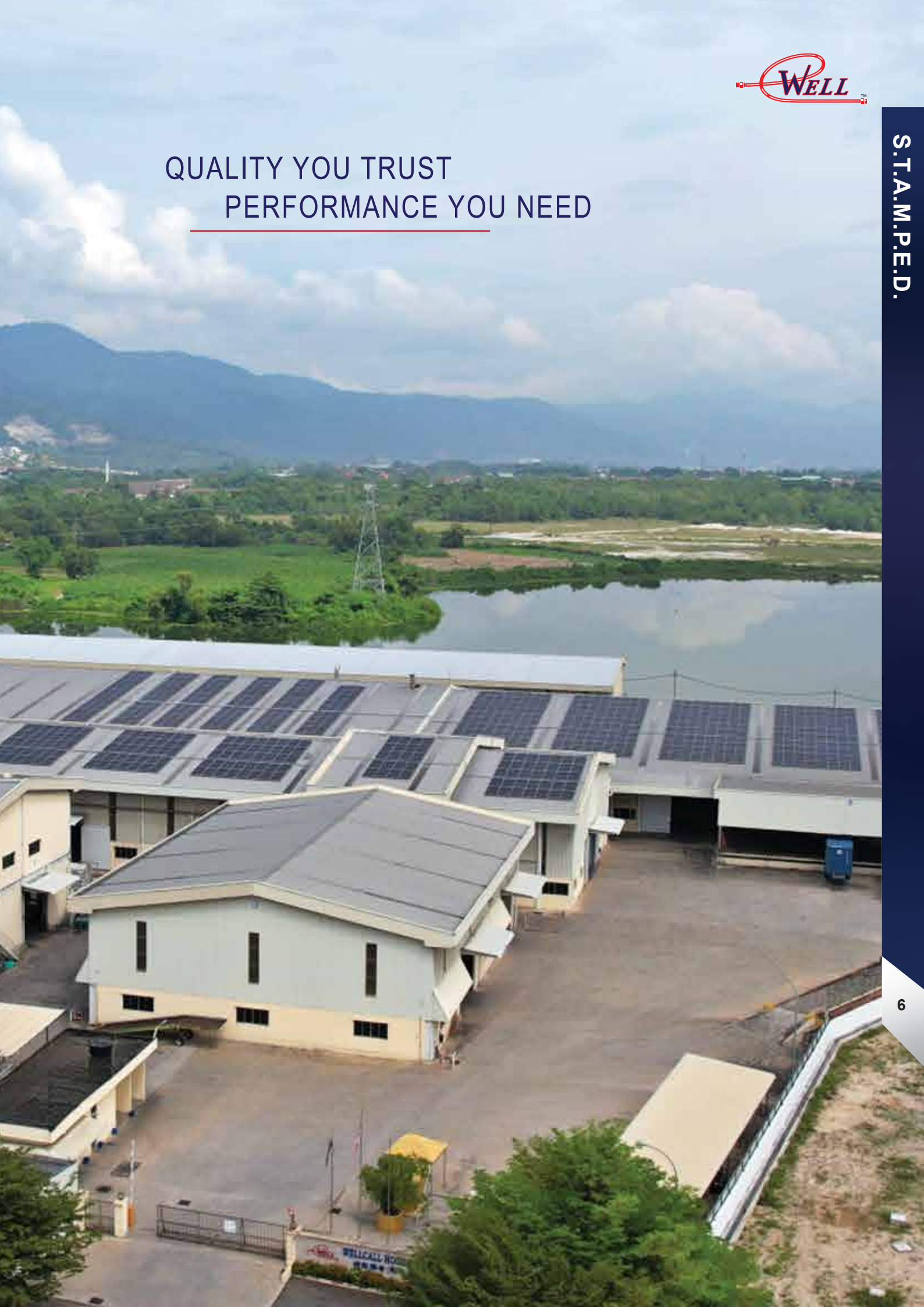
SIZE



HOSE I.D.					
INCH	MM	INCH	MM	INCH	MM
5/16"	7.9	1-7/8"	47.6	4"	101.6
3/8"	9.5	2"	50.8	4-3/8"	111.1
1/2"	12.7	2-1/8"	54.0	4-1/2"	114.3
5/8"	15.9	2-1/4"	57.2	5"	127.0
3/4"	19.1	2-5/16"	58.7	5-1/2"	139.7
7/8"	22.2	2-3/8"	60.3	6"	152.4
1"	25.4	2-1/2"	63.5	6-5/16"	160.3
1-1/32"	26.2	2-5/8"	66.7	6-5/8"	168.3
1-1/8"	28.6	2-3/4"	69.9	7"	177.8
1-3/16"	30.2	2-7/8"	73.0	8"	203.2
1-1/4"	31.8	3"	76.2	8-5/8"	219.1
1-5/16"	33.3	3-1/8"	79.4	10"	254.0
1-3/8"	34.9	3-5/16"	84.1	12"	304.8
1-1/2"	38.1	3-3/8"	85.7	14"	355.6
1-9/16"	39.7	3-1/2"	88.9	16"	406.4
1-5/8"	41.3	3-5/8"	92.1	18"	457.2
1-3/4"	44.5	3-3/4"	95.3	20"	508.0

MANUFACTURED LENGTH

HOSE TYPE	HOSE I.D.	MANUFACTURED LENGTH
Extrusion	3/16" to 1"	Any length up to 200m / 660ft maximum
	1-1/8" to 2"	Any length up to 61m / 200ft maximum
Mandrel	3/8" to 8"	Any length up to 61m / 200ft maximum
	10" to 18"	Any length up to 12m / 40ft maximum
	20"	Any length up to 6m / 20ft maximum



QUALITY YOU TRUST
PERFORMANCE YOU NEED

TEMPERATURE

Temperature have a considerable impact on the working pressure of a hose; as the temperature goes up, the recommended working pressure goes down (all working pressures are stated at room temperature). Never operate a hose towards its highest recommended working pressure while at or near its maximum temperature range.

- What is the temperature of the product being conveyed?
- What temperatures will be the external cover be subject to?

Hose Tips

System temperature is affected by both the media and the environment. As temperatures go up, maximum rated working pressures of the hose, fitting, or clamp can rapidly diminish.

APPLICATION

If it can cause serious or costly damage to property, personnel, or the environment, then it is a 'critical application' and one must ensure the correct hose, fitting, and clamping methods are chosen.

- Where will the hose be used?
- How will it be handled or installed?
- Will the hose be subject to any flexing, dragging, oils/chemicals, etc.?
- Does the hose have to be statically conductive or meet any standards?

Hose Tips

DESIGN OPTIONS	DESCRIPTION
Cover Styles	Smooth or corrugated designs for enhanced flexibility.
Electrical Conductivity	Various compound materials and design methods are available to meet your conductivity requirements.
Heat Resistance	Compounds and internal and external reinforcement materials offer exceptional thermal stability.
Oil Resistance	RMA classified type A, B, and C tube compounds.
Fire Resistance	Specially formulated rubber compounds and fire-retardant coatings provide resistance to flames and high temperatures.

MATERIAL

- What is the substance or material being conveyed through the hose?
- If it is chemical, identify the concentration %.
- If it is material, is it wet or dry?
- Are they sharp or abrasive?

PRESSURE

Never allow the system to surge above the maximum working pressure of the hose. Likewise for vacuum ratings.

- Determine if it is a pressure and/or vacuum application.
- What is the maximum working pressure?
- Are there any pressure surges?

ENDS

The type of fittings and clamps must take the application, pressure, size, metarial being conveyed, type of hose and the manufacturer's recommendations into consideration. Remember: the weakest link and greatest cause of failure will typically be at the hose and fitting connection.

- What type of end is required to connect the hose to the system?
- Given all the above information, what type of fitting and clamping system should be used?

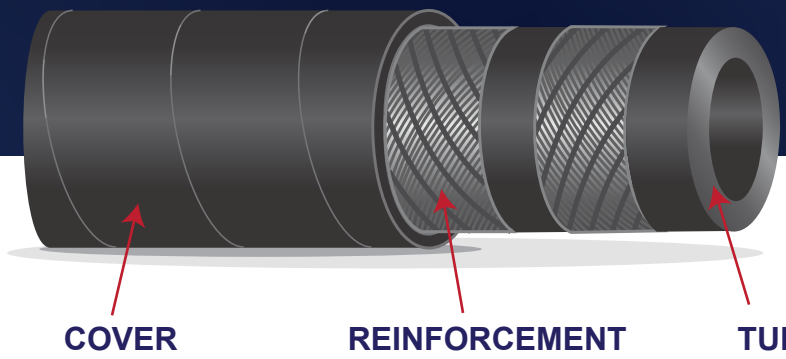
DELIVERY

Once a hose assembly has been put into service, a full inspection and/or re-testing (in accordance with the manufacturer's recommendations) on a regular and consistent basis. All hose assemblies should be treated as potential hazards and any worn-out fittings or clamps, damaged hoses or missing safety devices should be replaced immediately.

- When is the hose required by?
- How much time is required to manufacture the hose and/or properly install and assemble the ends?
- Does the hose have to be tested and certified?

HOSE STRUCTURE

Most hoses are made up of three components: (1) Tube, (2) Reinforcement, (3) Cover. Each of these components is usually adhered to the adjacent components by bonding agents or thin layers of specially compounded rubber.



Hose

A flexible conduit consisting of a tube, reinforcement, and an outer cover.

Tube

The innermost element made of rubber and it must be resistant to the material it is intended to convey.

Reinforcement

Textile fabrics used as reinforcement in hose construction enhance strength, ensuring the necessary resistance to internal pressure, collapse, or both. To bond effectively with the hose's tube and cover, the fabric must be rubberized through either frictioning or coating with a thin layer of rubber.

Cover

The outer element made of rubber materials to protect the reinforcement from damage and the environment.

Hose Tips

The CORRUGATED cover of Wellcall:

Corrugated
(2 Helix Wires)

Corrugated
(1 Helix Wire)

Flat Corrugated
(1 Helix Wire)

The EXTRUSION cover of Wellcall:

Smooth

Fluted

ABRASION

Durability and performance are critical factors when selecting industrial hoses for demanding applications.
Our abrasion-resistant hoses are designed to withstand high levels of friction, ensuring longevity and reduced maintenance costs in industries handling rough materials.

Mandrel

AIR SEEDER SUCTION HOSE

MANDREL

Application: Hardwall hose designed for dry conveyance of seeds and other materials for medium duty abrasion and service.

Temperature: -40°C (-40°F) to +80°C (+176°F)

Tube: Black, smooth, conductive natural rubber, abrasion resistant.

Reinforcement: High strength synthetic cord and helix wire.

Cover: Black, smooth (wrapped finish), synthetic rubber, weathering resistant.

Wellcall recommends using the **STAMPED** process to aid in determining the correct hose for your application.

I.D.		O.D.	Work Pressure		Burst Pressure		Max. Length	
inch	mm	mm	bar	psi	bar	psi	m	ft
3/4"	19.1	29.0	10	150	30	450	61	200
1"	25.4	36.0	10	150	30	450	61	200
1-1/4"	31.8	42.0	10	150	30	450	61	200
1-1/2"	38.1	49.0	10	150	30	450	61	200
1-3/4"	44.5	56.0	10	150	30	450	61	200
2"	50.8	63.0	10	150	30	450	61	200
2-1/2"	63.5	76.0	10	150	30	450	61	200
3"	76.2	89.0	10	150	30	450	61	200
4"	101.6	118.0	10	150	30	450	61	200
5"	127.0	145.0	10	150	30	450	61	200
6"	152.4	170.0	10	150	30	450	61	200
8"	203.2	225.0	10	150	30	450	61	200

Commonly Available Upon Request:

- Different Diameter
- Different Length
- Different Colour of Rubber
- Different Temperature
- Different Pressure

BULK MATERIAL DISCHARGE HOSE

MANDREL

Application: Softwall hose designed for delivery of dry cement, sand, gravel and etc.
Equipped with excellent rebounds, durability and abrasion resistant properties.

Temperature: -40°C (-40°F) to +80°C (+176°F)

Tube: Black, smooth, conductive natural rubber, abrasion resistant.

Reinforcement: High strength synthetic cord.

Cover: Black, smooth (wrapped finish), synthetic rubber, weathering resistant.

Wellcall recommends using the **STAMPED** process to aid in determining the correct hose for your application.

I.D.		O.D.	Work Pressure		Burst Pressure		Max. Length	
inch	mm	mm	bar	psi	bar	psi	m	ft
3/4"	19.1	29.0	10	150	30	450	61	200
1"	25.4	36.0	10	150	30	450	61	200
1-1/4"	31.8	42.0	10	150	30	450	61	200
1-1/2"	38.1	49.0	10	150	30	450	61	200
1-3/4"	44.5	56.0	10	150	30	450	61	200
2"	50.8	63.0	10	150	30	450	61	200
2-1/2"	63.5	76.0	10	150	30	450	61	200
3"	76.2	89.0	10	150	30	450	61	200
4"	101.6	118.0	10	150	30	450	61	200
5"	127.0	145.0	10	150	30	450	61	200
6"	152.4	170.0	10	150	30	450	61	200
8"	203.2	225.0	10	150	30	450	61	200

Commonly Available Upon Request:

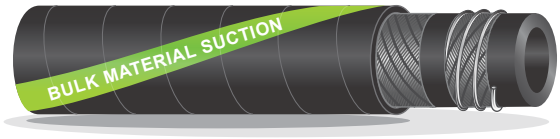
- Different Diameter
- Different Length
- Different Colour of Rubber
- Different Temperature
- Different Pressure

BULK MATERIAL SUCTION HOSE

MANDREL

Application: Hardwall hose designed for suction and delivery of dry cement, sand, gravel and etc. Equipped with excellent rebounds, durability and abrasion resistant properties.

Temperature: -40°C (-40°F) to +80°C (+176°F)



Tube: Black, smooth, conductive natural rubber, abrasion resistant.

Reinforcement: High strength synthetic cord and helix wire.

Cover: Black, smooth (wrapped finish), synthetic rubber, weathering resistant.

Wellcall recommends using the **STAMPED** process to aid in determining the correct hose for your application.

I.D.		O.D.	Work Pressure		Burst Pressure		Max. Length	
inch	mm	mm	bar	psi	bar	psi	m	ft
2"	50.8	68.0	10	150	30	450	61	200
2-1/2"	63.5	81.0	10	150	30	450	61	200
3"	76.2	94.0	10	150	30	450	61	200
3-1/2"	88.9	107.0	10	150	30	450	61	200
4"	101.6	120.0	10	150	30	450	61	200
4-1/2"	114.3	134.0	10	150	30	450	61	200
5"	127.0	148.0	10	150	30	450	61	200
6"	152.4	175.0	10	150	30	450	61	200
8"	203.2	230.0	10	150	30	450	61	200
10"	254.0	281.0	10	150	30	450	12	40
12"	304.8	334.0	10	150	30	450	12	40

Commonly Available Upon Request:

- Different Diameter
- Different Length
- Different Colour of Rubber
- Different Temperature
- Different Pressure

DUST COLLECTOR SUCTION HOSE

MANDREL

Application: Light weight corrugated hose designed for the extraction of waste dust, fumes, light particles and etc.

Temperature: -40°C (-40°F) to +80°C (+176°F)

Tube: Tan, smooth, natural rubber, abrasion resistant.

Reinforcement: High strength synthetic cord and helix wire.

Cover: Tan, corrugated (wrapped finish), synthetic rubber, weathering resistant.

Wellcall recommends using the **STAMPED** process to aid in determining the correct hose for your application.

I.D.		O.D.	Work Pressure		Burst Pressure		Max. Length	
inch	mm	mm	bar	psi	bar	psi	m	ft
3/4"	19.1	27.0	6	90	18	270	61	200
1"	25.4	34.0	6	90	18	270	61	200
1-1/4"	31.8	40.0	6	90	18	270	61	200
1-1/2"	38.1	47.0	6	90	18	270	61	200
2"	50.8	60.0	6	90	18	270	61	200
2-1/2"	63.5	73.0	6	90	18	270	61	200
3"	76.2	86.0	6	90	18	270	61	200
3-1/2"	88.9	99.0	6	90	18	270	61	200
4"	101.6	114.0	6	90	18	270	61	200
4-1/2"	114.3	126.0	6	90	18	270	61	200
5"	127.0	140.0	6	90	18	270	61	200
6"	152.4	166.0	6	90	18	270	61	200
8"	203.2	218.0	6	90	18	270	61	200
10"	254.0	270.0	6	90	18	270	12	40
12"	304.8	321.0	6	90	18	270	12	40

Commonly Available Upon Request:

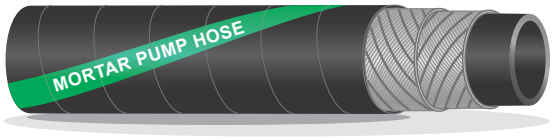
- Different Diameter
- Different Length
- Different Colour of Rubber
- Different Temperature
- Different Pressure

MORTAR PUMP HOSE

MANDREL

Application: Softwall hose designed for plaster spraying machine, install a spray gun connect to the delivery tube then point it out on the wall.

Temperature: -40°C (-40°F) to +80°C (+176°F)



Tube: Black, smooth, conductive natural rubber, abrasion resistant.

Reinforcement: High strength synthetic cord.

Cover: Black, smooth (wrapped finish), conductive natural rubber, abrasion resistant.

Wellcall recommends using the **STAMPED** process to aid in determining the correct hose for your application.

I.D.		O.D.	Work Pressure		Burst Pressure		Max. Length	
inch	mm	mm	bar	psi	bar	psi	m	ft
1-1/2"	38.1	64.0	53	800	160	2400	1.25	4

PLASTER DISCHARGE HOSE

MANDREL

Application: Softwall hose designed for transferring wet plaster and cement, typically used in plastering and construction application.

Temperature: -40°C (-40°F) to +80°C (+176°F)

Tube: Black, smooth, conductive natural rubber, abrasion resistant.

Reinforcement: High strength synthetic cord.

Cover: Black, smooth (wrapped finish), synthetic rubber, weathering resistant.

Wellcall recommends using the **STAMPED** process to aid in determining the correct hose for your application.

I.D.		O.D.	Work Pressure		Burst Pressure		Max. Length	
inch	mm	mm	bar	psi	bar	psi	m	ft
1"	25.4	38.0	40	600	120	1800	61	200
1-1/4"	31.8	46.0	40	600	120	1800	61	200
1-1/2"	38.1	54.0	40	600	120	1800	61	200
2"	50.8	68.0	40	600	120	1800	61	200

Commonly Available Upon Request:

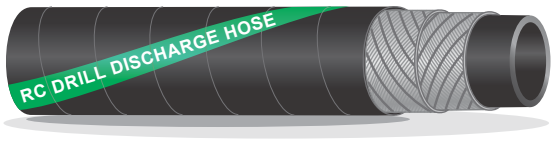
- Different Diameter
- Different Length
- Different Colour of Rubber
- Different Temperature
- Different Pressure

RC DRILL DISCHARGE HOSE

MANDREL

Application: Softwall hose designed for delivery of abrasive materials and mineral recovery. Suitable for medium duty abrasion resistance and sampling operations.

Temperature: -40°C (-40°F) to +80°C (+176°F)



Tube: Black, smooth, conductive natural rubber, abrasion resistant.

Reinforcement: High strength synthetic cord.

Cover: Black, smooth (wrapped finish), conductive natural rubber, abrasion and weathering resistant.

Wellcall recommends using the **STAMPED** process to aid in determining the correct hose for your application.

I.D.		O.D.	Work Pressure		Burst Pressure		Max. Length	
inch	mm	mm	bar	psi	bar	psi	m	ft
2"	50.8	78.0	40	600	120	1800	61	200
2-1/2"	63.5	91.0	40	600	120	1800	61	200
3"	76.2	108.0	40	600	120	1800	61	200
4"	101.6	134.0	40	600	120	1800	61	200

Commonly Available Upon Request:

- Different Diameter
- Different Length
- Different Colour of Rubber
- Different Temperature
- Different Pressure

RC DRILL SUCTION HOSE

MANDREL

Application: Hardwall hose designed for suction and delivery of abrasive materials and mineral recovery. Suitable for medium duty abrasion resistance and sampling operations.

Temperature: -40°C (-40°F) to +80°C (+176°F)

Tube: Black, smooth, conductive natural rubber, abrasion resistant.

Reinforcement: High strength synthetic cord and helix wire.

Cover: Black, smooth (wrapped finish), conductive natural rubber, abrasion and weathering resistant.

Wellcall recommends using the **STAMPED** process to aid in determining the correct hose for your application.

I.D.		O.D.	Work Pressure		Burst Pressure		Max. Length	
inch	mm	mm	bar	psi	bar	psi	m	ft
2"	50.8	78.0	40	600	120	1800	61	200
2-1/2"	63.5	91.0	40	600	120	1800	61	200
3"	76.2	108.0	40	600	120	1800	61	200
4"	101.6	134.0	40	600	120	1800	61	200

Commonly Available Upon Request:

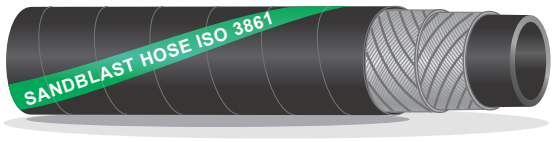
- Different Diameter
- Different Length
- Different Colour of Rubber
- Different Temperature
- Different Pressure

SANDBLAST HOSE

MANDREL

Application: Softwall hose designed for the delivery of steel shots, sand and etc.

Temperature: -40°C (-40°F) to +80°C (+176°F)



Tube: Black, smooth, conductive natural rubber, high abrasion resistant.

Reinforcement: High strength synthetic cord.

Cover: Black, smooth (wrapped finish), conductive natural rubber, abrasion and weathering resistant.

Optional Request: Standard ISO 3861.

Wellcall recommends using the **STAMPED** process to aid in determining the correct hose for your application.

I.D.		O.D.	Work Pressure		Burst Pressure		Max. Length	
inch	mm	mm	bar	psi	bar	psi	m	ft
1/2"	12.7	28.0	10	150	30	450	61	200
5/8"	15.9	30.0	10	150	30	450	61	200
3/4"	19.1	34.0	10	150	30	450	61	200
1"	25.4	40.0	10	150	30	450	61	200
1-1/4"	31.8	48.0	10	150	30	450	61	200
1-1/2"	38.1	56.0	10	150	30	450	61	200
2"	50.8	70.0	10	150	30	450	61	200
3"	76.2	96.0	10	150	30	450	61	200

Commonly Available Upon Request:

- Different Diameter
- Different Length
- Different Colour of Rubber
- Different Temperature
- Different Pressure

Mandrel

Extrusion

AIR

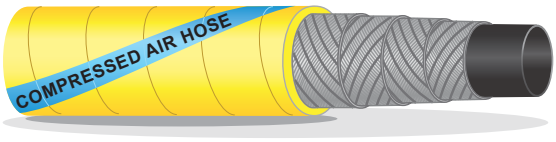
Reliable performance for pneumatic applications. Designed for the efficient transfer of compressed air in a wide range of industrial and construction environments. Suitable for use with air tools, compressors, and pneumatic systems, they ensure consistent airflow and long-lasting performance under varying working pressures.

COMPRESSED AIR HOSE

MANDREL

Application: Softwall hose designed for compressed air applications in industries, construction sites and mines.

Temperature: -40°C (-40°F) to +70°C (+158°F)



Tube: Black, smooth, synthetic rubber, oil mist resistant.

Reinforcement: High strength synthetic cord.

Cover: Yellow, smooth (wrapped finish), synthetic rubber, weathering resistant.

Optional Request: ISO 2398.

Wellcall recommends using the **STAMPED** process to aid in determining the correct hose for your application.

I.D.		O.D.	Work Pressure		Burst Pressure		Max. Length	
inch	mm	mm	bar	psi	bar	psi	m	ft
3/4"	19.1	30.0	20	300	60	900	61	200
1"	25.4	37.0	20	300	60	900	61	200
1-1/4"	31.8	45.0	20	300	60	900	61	200
1-1/2"	38.1	52.0	20	300	60	900	61	200
2"	50.8	66.0	20	300	60	900	61	200
2-1/2"	63.5	79.0	20	300	60	900	61	200
3"	76.2	92.0	20	300	60	900	61	200
4"	101.6	120.0	20	300	60	900	61	200

Commonly Available Upon Request:

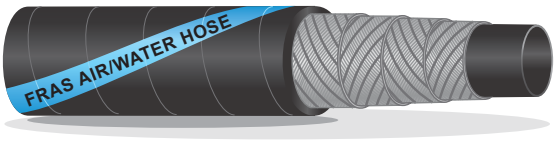
- Different Diameter
- Different Length
- Different Colour of Rubber
- Different Temperature
- Different Pressure

FRAS AIR / WATER HOSE

MANDREL

Application: Softwall hose specially designed to convey air, stone dust and water underground coal mines.

Temperature: -20°C (-4°F) to +70°C (+158°F)



Tube: Black, smooth, synthetic rubber.

Reinforcement: High strength synthetic yarn.

Cover: Black, smooth (wrapped finish), fire resistant and conductive synthetic rubber.

Optional Request: AS 2660 Class A.

Wellcall recommends using the **STAMPED** process to aid in determining the correct hose for your application.

I.D.		O.D.	Work Pressure		Burst Pressure		Max. Length	
inch	mm	mm	bar	psi	bar	psi	m	ft
1/2"	12.7	23.0	17.5	260	70	1050	61	200
5/8"	15.9	27.0	17.5	260	70	1050	61	200
3/4"	19.1	30.0	17.5	260	70	1050	61	200
1"	25.4	37.0	17.5	260	70	1050	61	200
1-1/4"	31.8	45.0	17.5	260	70	1050	61	200
1-1/2"	38.1	52.0	17.5	260	70	1050	61	200
2"	50.8	66.0	17.5	260	70	1050	61	200
2-1/2"	63.5	79.0	17.5	260	70	1050	61	200
3"	76.2	92.0	17.5	260	70	1050	61	200
4"	101.6	120.0	17.5	260	70	1050	61	200
6"	152.4	174.0	17.5	260	70	1050	61	200

Commonly Available Upon Request:

- Different Diameter
- Different Length
- Different Colour of Rubber
- Different Temperature
- Different Pressure

HOT AIR SUCTION HOSE

MANDREL

Application: Hardwall hose designed for suction and delivery of air in high temperature applications.

Temperature: -20°C (-4°F) to +100°C (+212°F)

Tube: Black, smooth, EPDM rubber.

Reinforcement: High strength synthetic cord and helix wire.

Cover: Black, smooth (wrapped finish), EPDM rubber.

Wellcall recommends using the **STAMPED** process to aid in determining the correct hose for your application.

I.D.		O.D.	Work Pressure		Burst Pressure		Max. Length	
inch	mm	mm	bar	psi	bar	psi	m	ft
2"	50.8	65.0	10	150	30	450	61	200
2-1/2"	63.5	80.0	10	150	30	450	61	200
3"	76.2	94.0	10	150	30	450	61	200
4"	101.6	120.0	10	150	30	450	61	200

Commonly Available Upon Request:

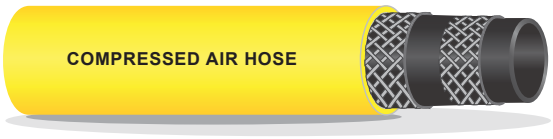
- Different Diameter
- Different Length
- Different Colour of Rubber
- Different Temperature
- Different Pressure

COMPRESSED AIR HOSE

EXTRUSION

Application: Designed for compressed air applications in industries, construction sites and mines.

Temperature: -20°C (-4°F) to +70°C (+158°F)



Tube: Black, smooth, synthetic rubber, oil mist resistant.

Reinforcement: High strength synthetic yarn.

Cover: Yellow, smooth, synthetic rubber, weathering resistant.

Optional Request: ISO 2398.

Wellcall recommends using the **STAMPED** process to aid in determining the correct hose for your application.

I.D.		O.D.	Work Pressure		Burst Pressure		Max. Length	
inch	mm	mm	bar	psi	bar	psi	m	ft
3/16"	4.8	12.0	20	300	60	900	120	400
1/4"	6.4	13.0	20	300	60	900	120	400
5/16"	7.9	15.0	20	300	60	900	100	330
3/8"	9.5	17.0	20	300	60	900	100	330
1/2"	12.7	21.0	20	300	60	900	100	330
5/8"	15.9	25.0	20	300	60	900	100	330
3/4"	19.1	29.0	20	300	60	900	100	330
7/8"	22.2	32.0	20	300	60	900	100	330
1"	25.4	36.0	20	300	60	900	100	330
1-1/4"	31.8	44.0	20	300	60	900	60	200
1-1/2"	38.1	54.0	20	300	60	900	60	200
2"	50.8	66.0	20	300	60	900	60	200

Commonly Available Upon Request:

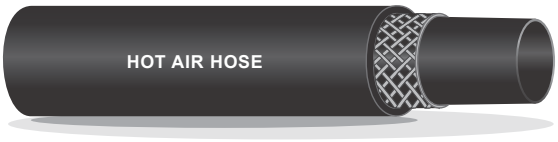
- Different Diameter
- Different Length
- Different Colour of Rubber
- Different Temperature
- Different Pressure

HOT AIR HOSE

EXTRUSION

Application: Designed to convey air for high temperature applications.

Temperature: -20°C (-4°F) to +100°C (+212°F)



Tube: Black, smooth, EPDM rubber.

Reinforcement: High strength synthetic yarn.

Cover: Black, smooth, EPDM rubber.

Wellcall recommends using the **STAMPED** process to aid in determining the correct hose for your application.

I.D.		O.D.	Work Pressure		Burst Pressure		Max. Length	
inch	mm	mm	bar	psi	bar	psi	m	ft
1/4"	6.4	13.0	20	300	60	900	120	400
5/16"	7.9	15.0	20	300	60	900	100	330
3/8"	9.5	17.0	20	300	60	900	100	330
1/2"	12.7	21.0	20	300	60	900	100	330
5/8"	15.9	26.0	20	300	60	900	100	330
3/4"	19.1	29.0	20	300	60	900	100	330
7/8"	22.2	32.0	20	300	60	900	100	330
1"	25.4	36.0	20	300	60	900	100	330
1-1/4"	31.8	44.0	15	225	45	675	60	200
1-1/2"	38.1	54.0	15	225	45	675	60	200
2"	50.8	66.0	15	225	45	675	60	200

Commonly Available Upon Request:

- Different Diameter
- Different Length
- Different Colour of Rubber
- Different Temperature
- Different Pressure

MULTIPURPOSE AIR / WATER HOSE

EXTRUSION

Application: Designed for versatile general industries and construction sites.

Temperature: -40°C (-40°F) to +70°C (+158°F)

Tube: Black, smooth, synthetic rubber, oil mist resistant.

Reinforcement: High strength synthetic yarn.

Cover: Black, smooth, synthetic rubber, weathering resistant.

Wellcall recommends using the **STAMPED** process to aid in determining the correct hose for your application.

I.D.		O.D.	Work Pressure		Burst Pressure		Max. Length	
inch	mm	mm	bar	psi	bar	psi	m	ft
3/16"	4.8	12.0	20	300	60	900	120	400
1/4"	6.4	13.0	20	300	60	900	120	400
5/16"	7.9	15.0	20	300	60	900	100	330
3/8"	9.5	17.0	20	300	60	900	100	330
1/2"	12.7	21.0	20	300	60	900	100	330
5/8"	15.9	25.0	20	300	60	900	100	330
3/4"	19.1	29.0	20	300	60	900	100	330
7/8"	22.2	32.0	20	300	60	900	100	330
1"	25.4	36.0	20	300	60	900	100	330
1-1/4"	31.8	44.0	20	300	60	900	60	200
1-1/2"	38.1	54.0	20	300	60	900	60	200
2"	50.8	66.0	20	300	60	900	60	200

Commonly Available Upon Request:

- Different Diameter
- Different Length
- Different Colour of Rubber
- Different Temperature
- Different Pressure

AUTOMOTIVE

Precision-engineered for performance and durability. Designed to meet the demanding requirements of vehicles and machinery, ensure reliable performance in fuel, coolant, air, and oil systems. Resistant to heat, pressure, and various automotive fluids.

Mandrel

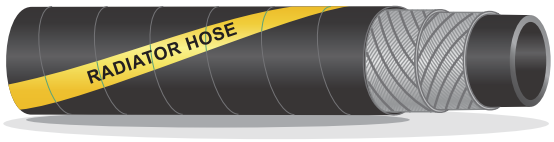
Extrusion

RADIATOR HOSE

MANDREL

Application: Softwall hose designed for conveying hot water mixed with anti-freeze liquids in cooling systems of automotive.

Temperature: -40°C (-40°F) to +100°C (+212°F)



Tube: Black, smooth, synthetic rubber.

Reinforcement: High strength synthetic cord.

Cover: Black, smooth (wrapped finish), synthetic rubber, heat and ozone resistant.

Wellcall recommends using the **STAMPED** process to aid in determining the correct hose for your application.

I.D.		O.D.	Work Pressure		Burst Pressure		Max. Length	
inch	mm	mm	bar	psi	bar	psi	m	ft
1/2"	12.7	21.0	3	45	9	135	61	200
5/8"	15.9	25.0	3	45	9	135	61	200
3/4"	19.1	28.0	3	45	9	135	61	200
7/8"	22.2	31.0	3	45	9	135	61	200
1"	25.4	34.0	3	45	9	135	61	200
1-1/8"	28.6	38.0	3	45	9	135	61	200
1-3/16"	30.2	40.0	3	45	9	135	61	200
1-1/4"	31.8	42.0	3	45	9	135	61	200
1-5/16"	33.3	43.0	3	45	9	135	61	200
1-3/8"	34.9	45.0	3	45	9	135	61	200
1-1/2"	38.1	48.0	3	45	9	135	61	200
1-9/16"	39.7	50.0	3	45	9	135	61	200
1-5/8"	41.3	52.0	3	45	9	135	61	200
1-3/4"	44.5	55.0	3	45	9	135	61	200
1-7/8"	47.6	59.0	3	45	9	135	61	200
2"	50.8	62.0	3	45	9	135	61	200
2-1/8"	54.0	66.0	3	45	9	135	61	200
2-1/4"	57.2	69.0	3	45	9	135	61	200
2-3/8"	60.3	72.0	3	45	9	135	61	200
2-1/2"	63.5	76.0	3	45	9	135	61	200
2-5/8"	66.7	79.0	3	45	9	135	61	200
2-3/4"	69.9	82.0	3	45	9	135	61	200
2-7/8"	73.0	85.0	3	45	9	135	61	200
3"	76.2	88.0	3	45	9	135	61	200
3-1/8"	79.4	93.0	3	45	9	135	61	200
3-1/2"	88.9	103.0	3	45	9	135	61	200
4"	101.6	116.0	3	45	9	135	61	200
4-1/2"	114.3	129.0	3	45	9	135	61	200
5"	127.0	142.0	3	45	9	135	61	200
6"	152.4	167.0	3	45	9	135	61	200

Commonly Available Upon Request:

- Different Diameter
- Different Length
- Different Colour of Rubber
- Different Temperature
- Different Pressure

AIR BRAKE HOSE

EXTRUSION

Application: Designed for use in automotive air brake system.

Temperature: -40°C (-40°F) to +100°C (+212°F)

Tube: Black, smooth, synthetic rubber.

Reinforcement: High strength synthetic yarn.

Cover: Black, smooth, synthetic rubber, heat and ozone resistant.

Optional Request: SAE J1402 Type A.

Wellcall recommends using the **STAMPED** process to aid in determining the correct hose for your application.

I.D.		O.D.	Work Pressure		Burst Pressure		Max. Length	
inch	mm	mm	bar	psi	bar	psi	m	ft
1/4"	6.4	16.0	10	150	60	900	100	330
3/8"	9.5	19.0	10	150	60	900	100	330
1/2"	12.7	22.0	10	150	60	900	100	330

Commonly Available Upon Request:

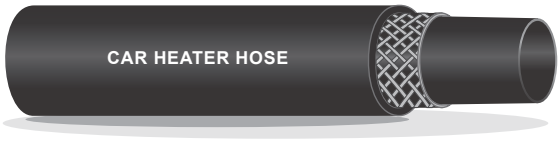
- Different Diameter
- Different Length
- Different Colour of Rubber
- Different Temperature
- Different Pressure

CAR HEATER HOSE

EXTRUSION

Application: Designed for transfer of hot water in automotive heating system.

Temperature: -40°C (-40°F) to +100°C (+212°F)



Tube: Black, smooth, EPDM rubber.

Reinforcement: High strength synthetic yarn.

Cover: Black, smooth, EPDM rubber.

Wellcall recommends using the **STAMPED** process to aid in determining the correct hose for your application.

I.D.		O.D.	Work Pressure		Burst Pressure		Max. Length	
inch	mm	mm	bar	psi	bar	psi	m	ft
3/8"	9.5	17.0	7	105	21	315	100	330
1/2"	12.7	20.0	7	105	21	315	100	330
5/8"	15.9	24.0	7	105	21	315	100	330
3/4"	19.1	27.0	7	105	21	315	100	330
1"	25.4	35.0	7	105	21	315	100	330

Commonly Available Upon Request:

- Different Diameter
- Different Length
- Different Colour of Rubber
- Different Temperature
- Different Pressure

FUEL INJECTION HOSE

EXTRUSION

Application: Designed for the delivery of petroleum products with aromatic content up to 50% for vehicle fuel injection systems.

Temperature: -34°C (-29°F) to +135°C (+275°F)
Intermittent use at 150°C (+302°F)

Tube: Black, smooth, nitrile rubber.

Reinforcement: High strength synthetic yarn.

Cover: Black, smooth, nitrile rubber, heat and ozone resistant.

Wellcall recommends using the **STAMPED** process to aid in determining the correct hose for your application.

I.D.		O.D.	Work Pressure		Burst Pressure		Max. Length	
inch	mm	mm	bar	psi	bar	psi	m	ft
3/16"	4.8	11.5	15	225	60	900	100	330
1/4"	6.4	13.0	15	225	60	900	100	330
5/16"	7.9	14.6	15	225	60	900	100	330
3/8"	9.5	16.5	15	225	60	900	100	330
1/2"	12.7	20.0	15	225	60	900	100	330

Commonly Available Upon Request:

- Different Diameter
- Different Length
- Different Colour of Rubber
- Different Temperature
- Different Pressure

CHEMICAL

Designed for the safe and efficient transfer of a wide range of chemicals, offer resistance to acids, alkalis, solvents, and other aggressive media. Constructed with high-quality synthetic rubber and durable reinforcement, these hoses ensure flexibility, strength, and long service life in demanding industrial environments.

CHEMICAL DISCHARGE HOSE

MANDREL

Application: Softwall hose designed for delivery of a wide range of chemical products, sewage system and filtration plants.

Temperature: -30°C (-22°F) to +65°C (+149°F)

Tube: White, smooth, EPDM rubber.

Reinforcement: High strength synthetic cord.

Cover: Blue, smooth (wrapped finish), EPDM rubber.

Optional Request: Anti-static wire.

Remarks: Refer **Chemical Resistance Chart** for details.
Wellcall recommends using the **STAMPED** process to aid in determining the correct hose for your application.

I.D.		O.D.	Work Pressure		Burst Pressure		Max. Length	
inch	mm	mm	bar	psi	bar	psi	m	ft
3/4"	19.1	31.0	16	240	48	720	61	200
1"	25.4	37.0	16	240	48	720	61	200
1-1/4"	31.8	44.0	16	240	48	720	61	200
1-1/2"	38.1	51.0	16	240	48	720	61	200
2"	50.8	66.0	16	240	48	720	61	200
2-1/2"	63.5	79.0	16	240	48	720	61	200
3"	76.2	92.0	16	240	48	720	61	200
4"	101.6	120.0	16	240	48	720	61	200
5"	127.0	145.0	16	240	48	720	30	100
6"	152.4	172.0	16	240	48	720	30	100

Commonly Available Upon Request:

- Different Diameter
- Different Length
- Different Colour of Rubber
- Different Temperature
- Different Pressure

CHEMICAL SUCTION HOSE

MANDREL

Application: Hardwall hose designed for suction and delivery of a wide range of chemical products, sewage system and filtration plants.

Temperature: -30°C (-22°F) to +65°C (+149°F)

Tube: White, smooth, EPDM rubber.

Reinforcement: High strength synthetic cord and helix wire.

Cover: Blue, smooth (wrapped finish), EPDM rubber.

Optional Request: Corrugated (wrapped finish); Anti-static wire.

Remarks: Refer **Chemical Resistance Chart** for details.
Wellcall recommends using the **STAMPED** process to aid in determining the correct hose for your application.

I.D.		O.D.	Work Pressure		Burst Pressure		Max. Length	
inch	mm	mm	bar	psi	bar	psi	m	ft
3/4"	19.1	31.0	16	240	48	720	61	200
1"	25.4	37.0	16	240	48	720	61	200
1-1/4"	31.8	44.0	16	240	48	720	61	200
1-1/2"	38.1	51.0	16	240	48	720	61	200
2"	50.8	66.0	16	240	48	720	61	200
2-1/2"	63.5	79.0	16	240	48	720	61	200
3"	76.2	92.0	16	240	48	720	61	200
4"	101.6	122.0	16	240	48	720	61	200
5"	127.0	147.0	16	240	48	720	30	100
6"	152.4	174.0	16	240	48	720	30	100

Commonly Available Upon Request:

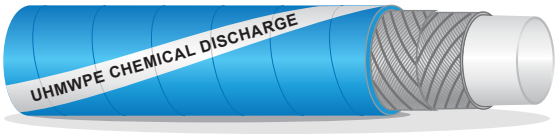
- Different Diameter
- Different Length
- Different Colour of Rubber
- Different Temperature
- Different Pressure

UHMWPE CHEMICAL DISCHARGE HOSE

MANDREL

Application: Softwall hose designed with ultra-high molecular weight polyethylene lining, excellent in delivery of a wide range of chemicals, petroleum products and oils.

Temperature: -30°C (-22°F) to +93°C (+199°F)



Tube: White, smooth, food quality UHMWPE lining.

Reinforcement: High strength synthetic cord.

Cover: Blue, smooth (wrapped finish), EPDM rubber.

Optional Request: Anti-static wire, Conductive UHMWPE lining (without F.D.A. approval).

Remarks: Refer **Chemical Resistance Chart** for details.
Wellcall recommends using the **STAMPED** process to aid in determining the correct hose for your application.

I.D.		O.D.	Work Pressure		Burst Pressure		Max. Length	
inch	mm	mm	bar	psi	bar	psi	m	ft
3/4"	19.1	31.0	16	240	48	720	61	200
1"	25.4	37.0	16	240	48	720	61	200
1-1/4"	31.8	44.0	16	240	48	720	61	200
1-1/2"	38.1	51.0	16	240	48	720	61	200
2"	50.8	66.0	16	240	48	720	61	200
2-1/2"	63.5	79.0	16	240	48	720	61	200
3"	76.2	92.0	16	240	48	720	61	200
4"	101.6	120.0	16	240	48	720	61	200
5"	127.0	145.0	16	240	48	720	30	100
6"	152.4	172.0	16	240	48	720	30	100

Commonly Available Upon Request:

- Different Diameter
- Different Length
- Different Colour of Rubber
- Different Temperature
- Different Pressure

UHMWPE CHEMICAL SUCTION HOSE

MANDREL

Application: Hardwall hose designed with ultra-high molecular weight polyethylene lining, excellent in suction and delivery a wide range of chemicals, petroleum products and oils.

Temperature: -30°C (-22°F) to +93°C (+199°F)

Tube: White, smooth, food quality UHMWPE lining.

Reinforcement: High strength synthetic cord and helix wire.

Cover: Blue, corrugated (wrapped finish), EPDM rubber.

Optional Request: Smooth (wrapped finish); Anti-static wire, Conductive UHMWPE lining (without F.D.A. approval).

Remarks: Refer **Chemical Resistance Chart** for details.
Wellcall recommends using the **STAMPED** process to aid in determining the correct hose for your application.

I.D.		O.D.	Work Pressure		Burst Pressure		Max. Length	
inch	mm	mm	bar	psi	bar	psi	m	ft
3/4"	19.1	31.0	16	240	48	720	61	200
1"	25.4	37.0	16	240	48	720	61	200
1-1/4"	31.8	44.0	16	240	48	720	61	200
1-1/2"	38.1	51.0	16	240	48	720	61	200
2"	50.8	66.0	16	240	48	720	61	200
2-1/2"	63.5	79.0	16	240	48	720	61	200
3"	76.2	92.0	16	240	48	720	61	200
4"	101.6	122.0	16	240	48	720	61	200
5"	127.0	147.0	16	240	48	720	30	100
6"	152.4	174.0	16	240	48	720	30	100

Commonly Available Upon Request:

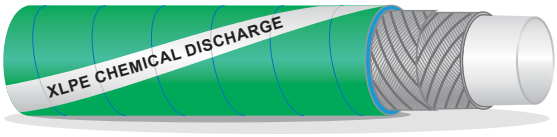
- Different Diameter
- Different Length
- Different Colour of Rubber
- Different Temperature
- Different Pressure

XLPE CHEMICAL DISCHARGE HOSE

MANDREL

Application: Softwall hose designed with cross-linked polyethylene lining, excellent in delivery of a wide range of chemicals, petroleum products and oils.

Temperature: -30°C (-22°F) to +93°C (+199°F)



Tube: White, smooth, XLPE lining.

Reinforcement: High strength synthetic cord.

Cover: Green, smooth (wrapped finish), EPDM rubber.

Optional Request: Anti-static wire.

Remarks: Refer **Chemical Resistance Chart** for details.
Wellcall recommends using the **STAMPED** process to aid in determining the correct hose for your application.

I.D.		O.D.	Work Pressure		Burst Pressure		Max. Length	
inch	mm	mm	bar	psi	bar	psi	m	ft
3/4"	19.1	31.0	16	240	48	720	61	200
1"	25.4	37.0	16	240	48	720	61	200
1-1/4"	31.8	44.0	16	240	48	720	61	200
1-1/2"	38.1	51.0	16	240	48	720	61	200
2"	50.8	66.0	16	240	48	720	61	200
2-1/2"	63.5	79.0	16	240	48	720	61	200
3"	76.2	92.0	16	240	48	720	61	200
4"	101.6	120.0	16	240	48	720	61	200
5"	127.0	145.0	16	240	48	720	30	100
6"	152.4	172.0	16	240	48	720	30	100

Commonly Available Upon Request:

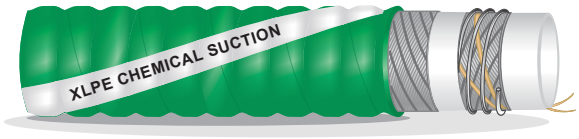
- Different Diameter
- Different Length
- Different Colour of Rubber
- Different Temperature
- Different Pressure

XLPE CHEMICAL SUCTION HOSE

MANDREL

Application: Hardwall hose designed with cross-linked polyethylene lining, excellent in suction and delivery of a wide range of chemicals, petroleum products and oils.

Temperature: -30°C (-22°F) to +93°C (+199°F)



Tube: White, smooth, XLPE lining.

Reinforcement: High strength synthetic cord and helix wire.

Cover: Green, corrugated (wrapped finish), EPDM rubber.

Optional Request: Smooth (wrapped finish); Anti-static wire.

Remarks: Refer **Chemical Resistance Chart** for details.
Wellcall recommends using the **STAMPED** process to aid in determining the correct hose for your application.

I.D.		O.D.	Work Pressure		Burst Pressure		Max. Length	
inch	mm	mm	bar	psi	bar	psi	m	ft
3/4"	19.1	31.0	16	240	48	720	61	200
1"	25.4	37.0	16	240	48	720	61	200
1-1/4"	31.8	44.0	16	240	48	720	61	200
1-1/2"	38.1	51.0	16	240	48	720	61	200
2"	50.8	67.0	16	240	48	720	61	200
2-1/2"	63.5	79.0	16	240	48	720	61	200
3"	76.2	92.0	16	240	48	720	61	200
4"	101.6	122.0	16	240	48	720	61	200
5"	127.0	147.0	16	240	48	720	30	100
6"	152.4	174.0	16	240	48	720	30	100

Commonly Available Upon Request:

- Different Diameter
- Different Length
- Different Colour of Rubber
- Different Temperature
- Different Pressure

FOOD GRADE

Hygienic, safe, and built for quality flow. Specially developed for the safe transfer of food, beverages, and other consumable products. Excellent resistance to oils, fats, and cleaning agents. Ideal for use in food processing, dairy, beverage, and pharmaceutical industries, our hoses ensure clean and reliable performance from start to finish.

Mandrel

FOOD DISCHARGE HOSE (FATTY FOODS)

MANDREL

Application: Softwall hose designed for delivery of fatty foods such as milk, edible oil, dairy products & etc.

Temperature: -20°C (-4°F) to +80°C (+176°F)

Tube: White, smooth, nitrile food quality rubber.

Reinforcement: High strength synthetic cord.

Cover: Blue, smooth (wrapped finish), synthetic rubber, oil and weathering resistant.

Optional Request: F.D.A. Title 21,177.2600.

Wellcall recommends using the **STAMPED** process to aid in determining the correct hose for your application.

I.D.		O.D.	Work Pressure		Burst Pressure		Max. Length	
inch	mm	mm	bar	psi	bar	psi	m	ft
1/2"	12.7	21.0	10	150	30	450	61	200
3/4"	19.1	29.0	10	150	30	450	61	200
1"	25.4	35.0	10	150	30	450	61	200
1-1/4"	31.8	42.0	10	150	30	450	61	200
1-1/2"	38.1	48.0	10	150	30	450	61	200
2"	50.8	63.0	10	150	30	450	61	200
2-1/2"	63.5	77.0	10	150	30	450	61	200
3"	76.2	90.0	10	150	30	450	61	200
4"	101.6	118.0	10	150	30	450	61	200
5"	127.0	145.0	10	150	30	450	30	100
6"	152.4	170.0	10	150	30	450	30	100

Commonly Available Upon Request:

- Different Diameter
- Different Length
- Different Colour of Rubber
- Different Temperature
- Different Pressure

FOOD SUCTION HOSE (FATTY FOODS)

MANDREL

Application: Hardwall hose designed for suction and delivery of fatty foods such as milk, edible oil, dairy products & etc.

Temperature: -20°C (-4°F) to +80°C (+176°F)

Tube: White, smooth, nitrile food quality rubber.

Reinforcement: High strength synthetic cord and helix wire.

Cover: Blue, smooth (wrapped finish), synthetic rubber, oil and weathering resistant.

Optional Request: F.D.A. Title 21,177.2600, Corrugated (wrapped finish).

Wellcall recommends using the **STAMPED** process to aid in determining the correct hose for your application.

I.D.		O.D.	Work Pressure		Burst Pressure		Max. Length	
inch	mm	mm	bar	psi	bar	psi	m	ft
1/2"	12.7	21.0	10	150	30	450	61	200
3/4"	19.1	29.0	10	150	30	450	61	200
1"	25.4	35.0	10	150	30	450	61	200
1-1/4"	31.8	42.0	10	150	30	450	61	200
1-1/2"	38.1	48.0	10	150	30	450	61	200
2"	50.8	63.0	10	150	30	450	61	200
2-1/2"	63.5	77.0	10	150	30	450	61	200
3"	76.2	90.0	10	150	30	450	61	200
4"	101.6	118.0	10	150	30	450	61	200
5"	127.0	145.0	10	150	30	450	30	100
6"	152.4	170.0	10	150	30	450	30	100

Commonly Available Upon Request:

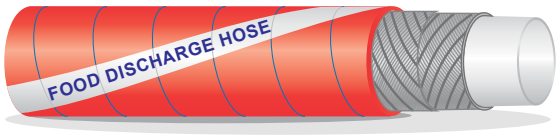
- Different Diameter
- Different Length
- Different Colour of Rubber
- Different Temperature
- Different Pressure

FOOD DISCHARGE HOSE (NON-FATTY FOODS)

MANDREL

Application: Softwall hose designed for delivery of aqueous foods such as wine, juice, soft drinks, and other foodstuff.

Temperature: -30°C (-22°F) to +100°C (+212°F)



Tube: White, smooth, EPDM food quality rubber.

Reinforcement: High strength synthetic cord.

Cover: Red, smooth (wrapped finish), EPDM rubber.

Optional Request: F.D.A. Title 21,177.2600.

Wellcall recommends using the **STAMPED** process to aid in determining the correct hose for your application.

I.D.		O.D.	Work Pressure		Burst Pressure		Max. Length	
inch	mm	mm	bar	psi	bar	psi	m	ft
1/2"	12.7	21.0	10	150	30	450	61	200
3/4"	19.1	29.0	10	150	30	450	61	200
1"	25.4	35.0	10	150	30	450	61	200
1-1/4"	31.8	42.0	10	150	30	450	61	200
1-1/2"	38.1	48.0	10	150	30	450	61	200
2"	50.8	63.0	10	150	30	450	61	200
2-1/2"	63.5	77.0	10	150	30	450	61	200
3"	76.2	90.0	10	150	30	450	61	200
4"	101.6	118.0	10	150	30	450	61	200
5"	127.0	145.0	10	150	30	450	30	100
6"	152.4	170.0	10	150	30	450	30	100

Commonly Available Upon Request:

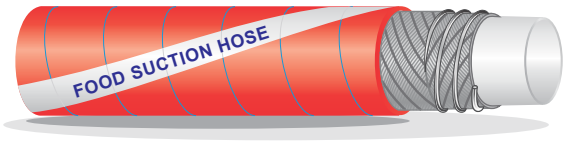
- Different Diameter
- Different Length
- Different Colour of Rubber
- Different Temperature
- Different Pressure

FOOD SUCTION HOSE (NON-FATTY FOODS)

MANDREL

Application: Hardwall hose designed for suction and delivery of aqueous foods such as wine, juice, soft drinks, and other foodstuff.

Temperature: -30°C (-22°F) to +100°C (+212°F)



Tube: White, smooth, EPDM food quality rubber.

Reinforcement: High strength synthetic cord and helix wire.

Cover: Red, smooth (wrapped finish), EPDM rubber.

Optional Request: F.D.A. Title 21,177.2600, Corrugated (wrapped finish).

Wellcall recommends using the **STAMPED** process to aid in determining the correct hose for your application.

I.D.		O.D.	Work Pressure		Burst Pressure		Max. Length	
inch	mm	mm	bar	psi	bar	psi	m	ft
1/2"	12.7	21.0	10	150	30	450	61	200
3/4"	19.1	29.0	10	150	30	450	61	200
1"	25.4	35.0	10	150	30	450	61	200
1-1/4"	31.8	42.0	10	150	30	450	61	200
1-1/2"	38.1	48.0	10	150	30	450	61	200
2"	50.8	63.0	10	150	30	450	61	200
2-1/2"	63.5	77.0	10	150	30	450	61	200
3"	76.2	90.0	10	150	30	450	61	200
4"	101.6	118.0	10	150	30	450	61	200
5"	127.0	145.0	10	150	30	450	30	100
6"	152.4	170.0	10	150	30	450	30	100

Commonly Available Upon Request:

- Different Diameter
- Different Length
- Different Colour of Rubber
- Different Temperature
- Different Pressure

Mandrel

Extrusion

FUEL / OIL

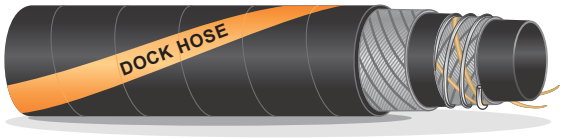
Built for strength, safety, and fluid integrity. Engineered for the efficient and safe transfer of petroleum-based products. Ideal for use in refineries, fuel transport, storage terminals, and industrial applications, our hoses ensure reliable performance in demanding conditions.

DOCK HOSE

MANDREL

Application: Heavy duty suction and delivery hose designed for transferring petroleum product from tankers and barges, bunkering service and industrial applications. Suitable for aromatic content up to 50%.

Temperature: -40°C (-40°F) to +82°C (+180°F)



Tube: Black, smooth, nitrile rubber.

Reinforcement: High strength synthetic cord, dual helix wires and anti-static wires.

Cover: Black, smooth (wrapped finish), neoprene rubber, oil, fuel, sea water and weathering resistant.

Wellcall recommends using the **STAMPED** process to aid in determining the correct hose for your application.

I.D.		O.D.	Work Pressure		Burst Pressure		Max. Length	
inch	mm	mm	bar	psi	bar	psi	m	ft
3"	76.2	96.0	17	255	68	1020	61	200
4"	101.6	126.0	17	255	68	1020	61	200
5"	127.0	155.0	17	255	68	1020	61	200
6"	152.4	185.0	17	255	68	1020	61	200
8"	203.2	242.0	17	255	68	1020	40	130
10"	254.0	298.0	17	255	68	1020	12	40
12"	304.8	350.0	17	255	68	1020	12	40

Commonly Available Upon Request:

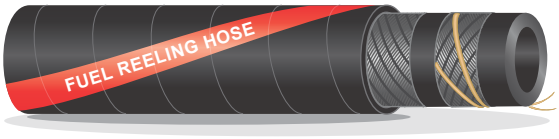
- Different Diameter
- Different Length
- Different Colour of Rubber
- Different Temperature
- Different Pressure

FUEL REELING HOSE

MANDREL

Application: Designed for fuel and oil delivery in heavy duty reeling application.

Temperature: -40°C (-40°F) to +90°C (+194°F)



Tube: Black, smooth, conductive nitrile rubber.

Reinforcement: High strength synthetic cord with anti-static wire.

Cover: Black, smooth (wrapped finish), conductive neoprene, fire, abrasion and weathering resistant.

Wellcall recommends using the **STAMPED** process to aid in determining the correct hose for your application.

I.D.		O.D.	Work Pressure		Burst Pressure		Max. Length	
inch	mm	mm	bar	psi	bar	psi	m	ft
1"	25.4	37.0	16	240	48	720	61	200
1-1/4"	31.8	44.0	16	240	48	720	61	200
1-1/2"	38.1	51.0	16	240	48	720	61	200
2"	50.8	67.0	16	240	48	720	61	200

Commonly Available Upon Request:

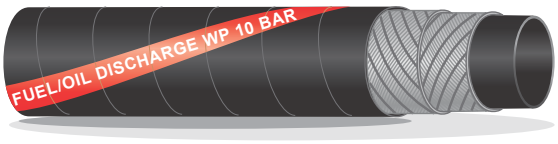
- Different Diameter
- Different Length
- Different Colour of Rubber
- Different Temperature
- Different Pressure

FUEL / OIL DISCHARGE HOSE (10 BAR)

MANDREL

Application: Softwall hose designed for delivery of petroleum products with aromatic content up to 50% for fuel connector service.

Temperature: -20°C (-4°F) to +80°C (+176°F)



Tube: Black, smooth, nitrile rubber.

Reinforcement: High strength synthetic cord.

Cover: Black, smooth (wrapped finish), synthetic rubber, oil and weathering resistant.

Optional Request: Anti-static Wire

Wellcall recommends using the **STAMPED** process to aid in determining the correct hose for your application.

I.D.		O.D.	Work Pressure		Burst Pressure		Max. Length	
inch	mm	mm	bar	psi	bar	psi	m	ft
1/2"	12.7	21.0	10	150	30	450	61	200
5/8"	15.9	25.0	10	150	30	450	61	200
3/4"	19.1	28.0	10	150	30	450	61	200
7/8"	22.2	31.0	10	150	30	450	61	200
1"	25.4	34.0	10	150	30	450	61	200
1-1/8"	28.6	38.0	10	150	30	450	61	200
1-3/16"	30.2	40.0	10	150	30	450	61	200
1-1/4"	31.8	42.0	10	150	30	450	61	200
1-5/16"	33.3	43.0	10	150	30	450	61	200
1-3/8"	34.9	45.0	10	150	30	450	61	200
1-1/2"	38.1	48.0	10	150	30	450	61	200
1-9/16"	39.7	50.0	10	150	30	450	61	200
1-5/8"	41.3	52.0	10	150	30	450	61	200
1-3/4"	44.5	55.0	10	150	30	450	61	200
1-7/8"	47.6	59.0	10	150	30	450	61	200
2"	50.8	62.0	10	150	30	450	61	200
2-1/8"	54.0	66.0	10	150	30	450	61	200
2-1/4"	57.2	69.0	10	150	30	450	61	200
2-5/16"	58.7	71.0	10	150	30	450	40	130
2-3/8"	60.3	72.0	10	150	30	450	61	200
2-1/2"	63.5	76.0	10	150	30	450	61	200
2-5/8"	66.7	79.0	10	150	30	450	61	200
2-3/4"	69.9	83.0	10	150	30	450	61	200
2-7/8"	73.0	86.0	10	150	30	450	61	130
3"	76.2	89.0	10	150	30	450	61	200
3-1/8"	79.4	93.0	10	150	30	450	61	130
3-1/2"	88.9	103.0	10	150	30	450	61	200
3-5/8"	92.0	106.0	10	150	30	450	40	130
3-3/4"	95.0	109.0	10	150	30	450	40	130
4"	101.6	116.0	10	150	30	450	61	200
4-3/8"	111.0	126.0	10	150	30	450	40	130
4-1/2"	114.3	129.0	10	150	30	450	61	200

FUEL / OIL DISCHARGE HOSE (10 BAR)

MANDREL

 I.D.		 O.D.	 Work Pressure		 Burst Pressure		 Max. Length	
inch	mm	mm	bar	psi	bar	psi	m	ft
5"	127.0	142.0	10	150	30	450	61	200
5-1/2"	140.0	155.0	10	150	30	450	30	100
6"	152.4	167.0	10	150	30	450	61	200
6-5/16"	160.3	176.0	10	150	30	450	30	100
6-5/8"	168.3	184.0	10	150	30	450	30	100
7"	178.0	194.0	10	150	30	450	30	100
8"	203.2	219.0	10	150	30	450	61	200
8-5/8"	219.1	235.0	10	150	30	450	30	100
10"	254.0	272.0	10	150	30	450	12	40
12"	304.8	324.0	10	150	30	450	12	40
14"	355.6	378.0	10	150	30	450	12	40
16"	406.4	430.0	10	150	30	450	12	40
18"	457.2	482.0	10	150	30	450	12	40
20"	508.0	538.0	10	150	30	450	6	20

Commonly Available Upon Request:

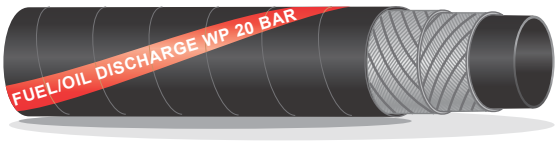
- Different Diameter
- Different Length
- Different Colour of Rubber
- Different Temperature
- Different Pressure

FUEL / OIL DISCHARGE HOSE (20 BAR)

MANDREL

Application: Softwall hose designed for delivery of petroleum products with aromatic content up to 50% for fuel connector service.

Temperature: -20°C (-4°F) to +80°C (+176°F)



Tube: Black, smooth, nitrile rubber.

Reinforcement: High strength synthetic cord.

Cover: Black, smooth (wrapped finish), synthetic rubber, oil and weathering resistant.

Optional Request: Anti-static Wire

Wellcall recommends using the **STAMPED** process to aid in determining the correct hose for your application.

I.D.		O.D.	Work Pressure		Burst Pressure		Max. Length	
inch	mm	mm	bar	psi	bar	psi	m	ft
1/2"	12.7	22.0	20	300	60	900	61	200
5/8"	15.9	26.0	20	300	60	900	61	200
3/4"	19.1	29.0	20	300	60	900	61	200
7/8"	22.2	32.0	20	300	60	900	61	200
1"	25.4	36.0	20	300	60	900	61	200
1-1/8"	28.6	39.0	20	300	60	900	61	200
1-3/16"	30.2	42.0	20	300	60	900	61	200
1-1/4"	31.8	44.0	20	300	60	900	61	200
1-5/16"	33.3	45.0	20	300	60	900	61	200
1-3/8"	34.9	47.0	20	300	60	900	61	200
1-1/2"	38.1	50.0	20	300	60	900	61	200
1-9/16"	39.7	52.0	20	300	60	900	61	200
1-5/8"	41.3	54.0	20	300	60	900	61	200
1-3/4"	44.5	57.0	20	300	60	900	61	200
1-7/8"	47.6	61.0	20	300	60	900	61	200
2"	50.8	65.0	20	300	60	900	61	200
2-1/8"	54.0	68.0	20	300	60	900	61	200
2-1/4"	57.2	72.0	20	300	60	900	61	200
2-5/16"	58.7	74.0	20	300	60	900	40	130
2-3/8"	60.3	75.0	20	300	60	900	61	200
2-1/2"	63.5	79.0	20	300	60	900	61	200
2-5/8"	66.7	81.0	20	300	60	900	61	200
2-3/4"	69.9	85.0	20	300	60	900	61	200
2-7/8"	73.0	89.0	20	300	60	900	61	130
3"	76.2	92.0	20	300	60	900	61	200
3-1/8"	79.4	96.0	20	300	60	900	61	130
3-1/2"	88.9	106.0	20	300	60	900	61	200
3-5/8"	92.0	109.0	20	300	60	900	40	130
3-3/4"	95.0	112.0	20	300	60	900	40	130
4"	101.6	120.0	20	300	60	900	61	200
4-3/8"	111.0	130.0	20	300	60	900	40	130
4-1/2"	114.3	133.0	20	300	60	900	61	200

FUEL / OIL DISCHARGE HOSE (20 BAR)

MANDREL

 I.D.		 O.D.	 Work Pressure		 Burst Pressure		 Max. Length	
inch	mm	mm	bar	psi	bar	psi	m	ft
5"	127.0	147.0	20	300	60	900	61	200
5-1/2"	140.0	160.0	20	300	60	900	30	100
6"	152.4	172.0	20	300	60	900	61	200
6-5/16"	160.3	180.0	20	300	60	900	30	100
6-5/8"	168.3	188.0	20	300	60	900	30	100
7"	178.0	198.0	20	300	60	900	30	100
8"	203.2	224.0	20	300	60	900	61	200
8-5/8"	219.1	240.0	20	300	60	900	30	100
10"	254.0	280.0	20	300	60	900	12	40
12"	304.8	334.0	20	300	60	900	12	40

Commonly Available Upon Request:

- Different Diameter
- Different Length
- Different Colour of Rubber
- Different Temperature
- Different Pressure

FUEL / OIL SUCTION HOSE (10 BAR)

MANDREL

Application: Hardwall hose designed for suction and delivery of petroleum products with aromatic content up to 50% for fuel connector service.

Temperature: -20°C (-4°F) to +80°C (+176°F)

Tube: Black, smooth, nitrile rubber.

Reinforcement: High strength synthetic cord and helix wire.

Cover: Black, smooth (wrapped finish), synthetic rubber, oil and weathering resistant.

Optional Request: Corrugated (wrapped finish); Anti-static wire.

Wellcall recommends using the **STAMPED** process to aid in determining the correct hose for your application.

I.D.		O.D.	Work Pressure		Burst Pressure		Max. Length	
inch	mm	mm	bar	psi	bar	psi	m	ft
1/2"	12.7	21.0	10	150	30	450	61	200
5/8"	15.9	25.0	10	150	30	450	61	200
3/4"	19.1	29.0	10	150	30	450	61	200
7/8"	22.2	32.0	10	150	30	450	61	200
1"	25.4	35.0	10	150	30	450	61	200
1-1/8"	28.6	38.0	10	150	30	450	61	200
1-3/16"	30.2	40.0	10	150	30	450	61	200
1-1/4"	31.8	42.0	10	150	30	450	61	200
1-5/16"	33.3	43.0	10	150	30	450	61	200
1-3/8"	34.9	45.0	10	150	30	450	61	200
1-1/2"	38.1	48.0	10	150	30	450	61	200
1-9/16"	39.7	50.0	10	150	30	450	61	200
1-5/8"	41.3	52.0	10	150	30	450	61	200
1-3/4"	44.5	56.0	10	150	30	450	61	200
1-7/8"	47.6	59.0	10	150	30	450	61	200
2"	50.8	62.0	10	150	30	450	61	200
2-1/8"	54.0	66.0	10	150	30	450	61	200
2-1/4"	57.2	69.0	10	150	30	450	61	200
2-5/16"	58.7	71.0	10	150	30	450	40	130
2-3/8"	60.3	73.0	10	150	30	450	61	200
2-1/2"	63.5	76.0	10	150	30	450	61	200
2-5/8"	66.7	80.0	10	150	30	450	61	200
2-3/4"	69.9	83.0	10	150	30	450	61	200
2-7/8"	73.0	86.0	10	150	30	450	61	200
3"	76.2	89.0	10	150	30	450	61	200
3-1/8"	79.4	93.0	10	150	30	450	61	200
3-1/2"	88.9	103.0	10	150	30	450	61	200
3-5/8"	92.0	107.0	10	150	30	450	40	130
3-3/4"	95.0	110.0	10	150	30	450	40	130
4"	101.6	116.0	10	150	30	450	61	200
4-3/8"	111.0	126.0	10	150	30	450	40	130
4-1/2"	114.3	130.0	10	150	30	450	61	200

FUEL / OIL SUCTION HOSE (10 BAR)

MANDREL

I.D.		O.D.	Work Pressure		Burst Pressure		Max. Length	
inch	mm	mm	bar	psi	bar	psi	m	ft
5"	127.0	143.0	10	150	30	450	61	200
5-1/2"	140.0	158.0	10	150	30	450	30	100
6"	152.4	170.0	10	150	30	450	61	200
6-5/16"	160.3	178.0	10	150	30	450	30	100
6-5/8"	168.3	186.0	10	150	30	450	30	100
7"	178.0	198.0	10	150	30	450	30	100
8"	203.2	224.0	10	150	30	450	61	200
8-5/8"	219.1	240.0	10	150	30	450	30	100
10"	254.0	278.0	10	150	30	450	12	40
12"	304.8	328.0	10	150	30	450	12	40
14"	355.6	393.0	10	150	30	450	12	40
16"	406.4	448.0	10	150	30	450	12	40
18"	457.2	502.0	10	150	30	450	12	40
20"	508.0	558.0	10	150	30	450	6	20

Commonly Available Upon Request:

- Different Diameter
- Different Length
- Different Colour of Rubber
- Different Temperature
- Different Pressure

FUEL / OIL SUCTION HOSE (20 BAR)

MANDREL

Application: Hardwall hose designed for suction and delivery of petroleum products with aromatic content up to 50% for fuel connector service.

Temperature: -20°C (-4°F) to +80°C (+176°F)

Tube: Black, smooth, nitrile rubber.

Reinforcement: High strength synthetic cord and helix wire.

Cover: Black, smooth (wrapped finish), synthetic rubber, oil and weathering resistant.

Optional Request: Corrugated (wrapped finish); Anti-static wire.

Wellcall recommends using the **STAMPED** process to aid in determining the correct hose for your application.

I.D.		O.D.	Work Pressure		Burst Pressure		Max. Length	
inch	mm	mm	bar	psi	bar	psi	m	ft
1/2"	12.7	23.0	20	300	60	900	61	200
5/8"	15.9	27.0	20	300	60	900	61	200
3/4"	19.1	31.0	20	300	60	900	61	200
7/8"	22.2	34.0	20	300	60	900	61	200
1"	25.4	37.0	20	300	60	900	61	200
1-1/8"	28.6	40.0	20	300	60	900	61	200
1-3/16"	30.2	42.0	20	300	60	900	61	200
1-1/4"	31.8	44.0	20	300	60	900	61	200
1-5/16"	33.3	45.0	20	300	60	900	61	200
1-3/8"	34.9	47.0	20	300	60	900	61	200
1-1/2"	38.1	50.0	20	300	60	900	61	200
1-9/16"	39.7	52.0	20	300	60	900	61	200
1-5/8"	41.3	54.0	20	300	60	900	61	200
1-3/4"	44.5	58.0	20	300	60	900	61	200
1-7/8"	47.6	62.0	20	300	60	900	61	200
2"	50.8	66.0	20	300	60	900	61	200
2-1/8"	54.0	69.0	20	300	60	900	61	200
2-1/4"	57.2	72.0	20	300	60	900	61	200
2-5/16"	58.7	74.0	20	300	60	900	40	130
2-3/8"	60.3	76.0	20	300	60	900	61	200
2-1/2"	63.5	79.0	20	300	60	900	61	200
2-5/8"	66.7	83.0	20	300	60	900	61	200
2-3/4"	69.9	86.0	20	300	60	900	61	200
2-7/8"	73.0	89.0	20	300	60	900	61	200
3"	76.2	92.0	20	300	60	900	61	200
3-1/8"	79.4	96.0	20	300	60	900	61	200
3-1/2"	88.9	106.0	20	300	60	900	61	200
3-5/8"	92.0	110.0	20	300	60	900	40	130
3-3/4"	95.0	113.0	20	300	60	900	40	130
4"	101.6	120.0	20	300	60	900	61	200
4-3/8"	111.0	130.0	20	300	60	900	40	130
4-1/2"	114.3	134.0	20	300	60	900	61	200

FUEL / OIL SUCTION HOSE (20 BAR)

MANDREL

I.D.		O.D.	Work Pressure		Burst Pressure		Max. Length	
inch	mm	mm	bar	psi	bar	psi	m	ft
5"	127.0	149.0	20	300	60	900	61	200
5-1/2"	140.0	162.0	20	300	60	900	30	100
6"	152.4	174.0	20	300	60	900	61	200
6-5/16"	160.3	182.0	20	300	60	900	30	100
6-5/8"	168.3	190.0	20	300	60	900	30	100
7"	178.0	201.0	20	300	60	900	30	100
8"	203.2	227.0	20	300	60	900	61	200
8-5/8"	219.1	247.0	20	300	60	900	30	100
10"	254.0	285.0	20	300	60	900	12	40
12"	304.8	339.0	20	300	60	900	12	40

Commonly Available Upon Request:

- Different Diameter
- Different Length
- Different Colour of Rubber
- Different Temperature
- Different Pressure

HOT TAR & ASPHALT SUCTION HOSE

MANDREL

Application: Hardwall hose designed for suction and delivery of hot tar and asphalt.

Temperature: -40°C (-40°F) to +180°C (+356°F)

Tube: Black, smooth, nitrile rubber.

Reinforcement: High strength synthetic cord and helix wire.

Cover: Black, smooth (wrapped finish), nitrile rubber, abrasion and weathering resistant.

Optional Request: Anti-static Wire

Wellcall recommends using the **STAMPED** process to aid in determining the correct hose for your application.

I.D.		O.D.	Work Pressure		Burst Pressure		Max. Length	
inch	mm	mm	bar	psi	bar	psi	m	ft
2"	50.8	69.0	10	150	30	450	61	200
3"	76.2	96.0	10	150	30	450	61	200
4"	101.6	122.0	10	150	30	450	61	200

Commonly Available Upon Request:

- Different Diameter
- Different Length
- Different Colour of Rubber
- Different Temperature
- Different Pressure

LOW TEMPERATURE TANK TRUCK HOSE

MANDREL

Application: Hardwall hose designed for suction and delivery of a wide range of petroleum fuel with aromatic content up to 50% for tank trucks. Suitable for low temperature.

Temperature: -40°C (-40°F) to +90°C (+194°F)

Tube: Black, smooth, nitrile rubber.

Reinforcement: High strength synthetic cord and helix wire.

Cover: Blue, corrugated (wrapped finish), neoprene rubber, oil, fuel, and weathering resistant.

Optional Request: Smooth (wrapped finish); Anti-static Wire.

Wellcall recommends using the **STAMPED** process to aid in determining the correct hose for your application.

I.D.		O.D.	Work Pressure		Burst Pressure		Max. Length	
inch	mm	mm	bar	psi	bar	psi	m	ft
3/4"	19.1	29.0	10	150	30	450	61	200
1"	25.4	35.0	10	150	30	450	61	200
1-1/4"	31.8	42.0	10	150	30	450	61	200
1-1/2"	38.1	48.0	10	150	30	450	61	200
2"	50.8	62.0	10	150	30	450	61	200
2-1/2"	63.5	76.0	10	150	30	450	61	200
3"	76.2	89.0	10	150	30	450	61	200
3-1/2"	88.9	103.0	10	150	30	450	61	200
4"	101.6	116.0	10	150	30	450	61	200
5"	127.0	143.0	10	150	30	450	61	200
6"	152.4	170.0	10	150	30	450	61	200
8"	203.2	224.0	10	150	30	450	61	200

Commonly Available Upon Request:

- Different Diameter
- Different Length
- Different Colour of Rubber
- Different Temperature
- Different Pressure

TANK TRUCK HOSE

MANDREL

Application: Hardwall hose designed for suction and delivery of a wide range of petroleum fuel with aromatic content up to 50% for tank trucks.

Temperature: -20°C (-4°F) to +80°C (+176°F)

Tube: Black, smooth, nitrile rubber.

Reinforcement: High strength synthetic cord and helix wire.

Cover: Black, corrugated (wrapped finish), synthetic rubber, oil, fuel, and weathering resistant.

Optional Request: Smooth (wrapped finish); Anti-static Wire.

Wellcall recommends using the **STAMPED** process to aid in determining the correct hose for your application.

I.D.		O.D.	Work Pressure		Burst Pressure		Max. Length	
inch	mm	mm	bar	psi	bar	psi	m	ft
3/4"	19.1	29.0	10	150	30	450	61	200
1"	25.4	35.0	10	150	30	450	61	200
1-1/4"	31.8	42.0	10	150	30	450	61	200
1-1/2"	38.1	48.0	10	150	30	450	61	200
2"	50.8	62.0	10	150	30	450	61	200
2-1/2"	63.5	76.0	10	150	30	450	61	200
3"	76.2	89.0	10	150	30	450	61	200
3-1/2"	88.9	103.0	10	150	30	450	61	200
4"	101.6	116.0	10	150	30	450	61	200
5"	127.0	143.0	10	150	30	450	61	200
6"	152.4	170.0	10	150	30	450	61	200
8"	203.2	224.0	10	150	30	450	61	200

Commonly Available Upon Request:

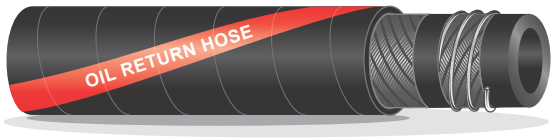
- Different Diameter
- Different Length
- Different Colour of Rubber
- Different Temperature
- Different Pressure

OIL RETURN HOSE

MANDREL

Application: Hardwall hose designed for petroleum and water-bases hydraulic fluids in low pressure and vacuum service.

Temperature: -40°C (-40°F) to +100°C (+212°F)



Tube: Black, smooth, nitrile rubber.

Reinforcement: High strength synthetic cord with helix wire.

Cover: Black, smooth (wrapped finish), synthetic rubber, oil and weathering resistant.

Wellcall recommends using the **STAMPED** process to aid in determining the correct hose for your application.

I.D.		O.D.	Work Pressure		Burst Pressure		Max. Length	
inch	mm	mm	bar	psi	bar	psi	m	ft
3/4"	19.1	31.5	21	315	84	1260	61	200
1"	25.4	40.0	17	255	68	1020	61	200
1-1/4"	31.8	46.5	14	210	56	840	61	200
1-1/2"	38.1	53.0	10	150	40	600	61	200
2"	50.8	65.5	7	105	28	420	61	200
2-1/2"	63.5	78.5	4	60	16	240	61	200
3"	76.2	91.0	4	60	16	240	61	200

Commonly Available Upon Request:

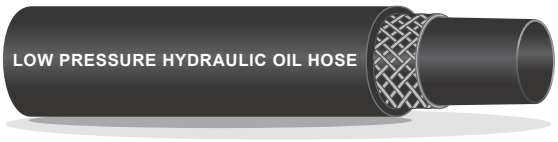
- Different Diameter
- Different Length
- Different Colour of Rubber
- Different Temperature
- Different Pressure

LOW PRESSURE HYDRAULIC OIL HOSE

EXTRUSION

Application: Designed for delivery petroleum or water based hydraulic fluids and it is mainly used in low pressure conditions.

Temperature: -40°C (-40°F) to +100°C (+212°F)



Tube: Black, smooth, nitrile rubber.

Reinforcement: High strength synthetic yarn.

Cover: Black, smooth, synthetic rubber, oil and weathering resistant.

Wellcall recommends using the **STAMPED** process to aid in determining the correct hose for your application.

I.D.		O.D.	Work Pressure		Burst Pressure		Max. Length	
inch	mm	mm	bar	psi	bar	psi	m	ft
3/16"	4.8	11.1	35	525	140	2100	100	300
1/4"	6.4	12.7	28	420	112	1680	100	300
5/16"	7.9	14.3	28	420	112	1680	100	300
3/8"	9.5	15.9	28	420	112	1680	100	300
1/2"	12.7	19.8	28	420	112	1680	100	300
5/8"	15.9	23.0	24	360	96	1440	100	300
3/4"	19.1	27.4	21	315	84	1260	100	300

Commonly Available Upon Request:

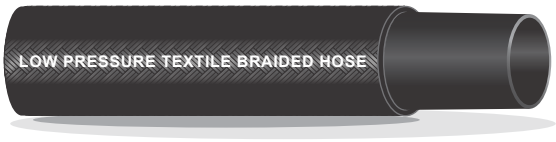
- Different Diameter
- Different Length
- Different Colour of Rubber
- Different Temperature
- Different Pressure

LOW PRESSURE TEXTILE BRAIDED HOSE

EXTRUSION

Application: Designed for low pressure hydraulic oil lines and pneumatic lines.

Temperature: -40°C (-40°F) to +100°C (+212°F)



Tube: Black, smooth, nitrile rubber.

Reinforcement: High strength synthetic yarn.

Cover: Black, synthetic fibre textile braided, weathering resistant.

Wellcall recommends using the **STAMPED** process to aid in determining the correct hose for your application.

I.D.		O.D.	Work Pressure		Burst Pressure		Max. Length	
inch	mm	mm	bar	psi	bar	psi	m	ft
3/16"	4.8	10.0	20	300	60	900	100	330
1/4"	6.4	12.7	20	300	60	900	100	330
5/16"	7.9	14.2	20	300	60	900	100	330
3/8"	9.5	16.0	20	300	60	900	100	330
1/2"	12.7	19.0	20	300	60	900	100	330
5/8"	15.9	23.0	20	300	60	900	100	330
3/4"	19.1	27.0	20	300	60	900	100	330
1"	25.4	34.0	20	300	60	900	100	330

Commonly Available Upon Request:

- Different Diameter
- Different Length
- Different Colour of Rubber
- Different Temperature
- Different Pressure

OIL HOSE (10 BAR)

EXTRUSION

Application: Designed for the delivery of petroleum based products with aromatic content up to 50% for fuel connector service.

Temperature: -20°C (-4°F) to +80°C (+176°F)

Tube: Black, smooth, synthetic rubber.

Reinforcement: High strength synthetic yarn.

Cover: Black, smooth, synthetic rubber, oil and weathering resistant.

Optional Request: Anti-static wire.

Wellcall recommends using the **STAMPED** process to aid in determining the correct hose for your application.

I.D.		O.D.	Work Pressure		Burst Pressure		Max. Length	
inch	mm	mm	bar	psi	bar	psi	m	ft
3/16"	4.8	12.0	10	150	30	450	120	400
1/4"	6.4	13.0	10	150	30	450	120	400
5/16"	7.9	15.0	10	150	30	450	100	330
3/8"	9.5	17.0	10	150	30	450	100	330
1/2"	12.7	21.0	10	150	30	450	100	330
5/8"	15.9	24.0	10	150	30	450	100	330
3/4"	19.1	28.0	10	150	30	450	100	330
7/8"	22.2	32.0	10	150	30	450	100	330
1"	25.4	35.0	10	150	30	450	100	330
1-1/4"	31.8	42.0	10	150	30	450	60	200
1-1/2"	38.1	50.0	10	150	30	450	60	200
2"	50.8	66.0	10	150	30	450	60	200

Commonly Available Upon Request:

- Different Diameter
- Different Length
- Different Colour of Rubber
- Different Temperature
- Different Pressure

OIL HOSE (20 BAR)

EXTRUSION

Application: Designed for the delivery of petroleum based products with aromatic content up to 50% for fuel connector service.

Temperature: -20°C (-4°F) to +80°C (+176°F)

Tube: Black, smooth, synthetic rubber.

Reinforcement: High strength synthetic yarn.

Cover: Black, smooth, synthetic rubber, oil and weathering resistant.

Optional Request: Anti-static wire.

Wellcall recommends using the **STAMPED** process to aid in determining the correct hose for your application.

I.D.		O.D.	Work Pressure		Burst Pressure		Max. Length	
inch	mm	mm	bar	psi	bar	psi	m	ft
3/16"	4.8	12.0	20	300	60	900	120	400
1/4"	6.4	13.0	20	300	60	900	120	400
5/16"	7.9	15.0	20	300	60	900	100	330
3/8"	9.5	17.0	20	300	60	900	100	330
1/2"	12.7	21.0	20	300	60	900	100	330
5/8"	15.9	26.0	20	300	60	900	100	330
3/4"	19.1	29.0	20	300	60	900	100	330
7/8"	22.2	32.0	20	300	60	900	100	330
1"	25.4	36.0	20	300	60	900	100	330
1-1/4"	31.8	44.0	20	300	60	900	60	200
1-1/2"	38.1	54.0	20	300	60	900	60	200
2"	50.8	66.0	20	300	60	900	60	200

Commonly Available Upon Request:

- Different Diameter
- Different Length
- Different Colour of Rubber
- Different Temperature
- Different Pressure

MULTIPURPOSE OIL HOSE

MANDREL

Application: Designed for various applications, including conveying air, water and oil in mining, agriculture and construction.

Temperature: -20°C (-4°F) to +80°C (+176°F)

Tube: Black, smooth, synthetic rubber.

Reinforcement: High strength synthetic yarn.

Cover: Black, smooth, synthetic rubber, oil and weathering resistant.

Optional Request: Anti-static wire.

Wellcall recommends using the **STAMPED** process to aid in determining the correct hose for your application.

I.D.		O.D.	Work Pressure		Burst Pressure		Max. Length	
inch	mm	mm	bar	psi	bar	psi	m	ft
3/16"	4.8	12.0	20	300	60	900	120	400
1/4"	6.4	13.0	20	300	60	900	120	400
5/16"	7.9	15.0	20	300	60	900	100	330
3/8"	9.5	17.0	20	300	60	900	100	330
1/2"	12.7	21.0	20	300	60	900	100	330
5/8"	15.9	26.0	20	300	60	900	100	330
3/4"	19.1	29.0	20	300	60	900	100	330
7/8"	22.2	32.0	20	300	60	900	100	330
1"	25.4	36.0	20	300	60	900	100	330
1-1/4"	31.8	44.0	20	300	60	900	60	200
1-1/2"	38.1	54.0	20	300	60	900	60	200
2"	50.8	66.0	20	300	60	900	60	200

Commonly Available Upon Request:

- Different Diameter
- Different Length
- Different Colour of Rubber
- Different Temperature
- Different Pressure

MARINE

Engineered for harsh marine environments. Built to perform in demanding offshore and shipboard applications. Offer excellent resistance to seawater, UV, oil, and abrasion. Suitable for fuel transfer, bilge pumping, exhaust systems, and general marine fluid handling.

Mandrel

Extrusion

MARINE FUEL SUCTION HOSE

MANDREL

Application: Hardwall hose designed for delivery of gasoline or diesel fuel aboard small craft including pleasure craft.

Temperature: -25°C (-13°F) to +100°C (+212°F)

Tube: Black, smooth, synthetic rubber.

Reinforcement: High strength synthetic cord and helix wire.

Cover: Black, smooth (wrapped finish), synthetic rubber, weathering and fire resistant.

Optional Request: SAE J1527-A2, ISO 7840-A2 USCG.

Wellcall recommends using the **STAMPED** process to aid in determining the correct hose for your application.

I.D.		O.D.	Work Pressure		Burst Pressure		Max. Length	
inch	mm	mm	bar	psi	bar	psi	m	ft
1-1/2"	38.1	48.0	10	150	30	450	61	200
1-5/8"	41.3	52.0	10	150	30	450	61	200
1-7/8"	47.6	60.0	10	150	30	450	61	200
2"	50.8	63.5	10	150	30	450	61	200
2-3/8"	60.3	73.0	10	150	30	450	61	200
2-1/2"	63.5	77.0	10	150	30	450	61	200
3"	76.2	90.0	10	150	30	450	61	200

Commonly Available Upon Request:

- Different Diameter
- Different Length
- Different Colour of Rubber
- Different Temperature
- Different Pressure

MARINE WET EXHAUST DISCHARGE HOSE

MANDREL

Application: Softwall hose designed for delivery of water cooled diesel engine exhaust gas systems installed on a small craft less than 24m in length or pleasure yachts.

Temperature: -30°C (-22°F) to +121°C (+250°F)

Tube: Black, smooth, synthetic rubber.

Reinforcement: High strength synthetic cord.

Cover: Black, smooth (wrapped finish), synthetic rubber, weathering and abrasion resistant.

Wellcall recommends using the **STAMPED** process to aid in determining the correct hose for your application.

I.D.		O.D.	Work Pressure		Burst Pressure		Max. Length	
inch	mm	mm	bar	psi	bar	psi	m	ft
3/4"	19.1	28.0	3	45	9	135	61	200
7/8"	22.2	31.0	3	45	9	135	61	200
1"	25.4	34.0	3	45	9	135	61	200
1-1/8"	28.6	38.0	3	45	9	135	61	200
1-3/16"	30.2	40.0	3	45	9	135	61	200
1-1/4"	31.8	42.0	3	45	9	135	61	200
1-5/16"	33.3	43.0	3	45	9	135	61	200
1-3/8"	34.9	45.0	3	45	9	135	61	200
1-1/2"	38.1	48.0	3	45	9	135	61	200
1-9/16"	39.7	50.0	3	45	9	135	61	200
1-5/8"	41.3	52.0	3	45	9	135	61	200
1-3/4"	44.5	55.0	3	45	9	135	61	200
1-7/8"	47.6	59.0	3	45	9	135	61	200
2"	50.8	62.0	3	45	9	135	61	200
2-1/8"	54.0	66.0	3	45	9	135	61	200
2-1/4"	57.2	69.0	3	45	9	135	61	200
2-3/8"	60.3	72.0	3	45	9	135	61	200
2-1/2"	63.5	76.0	3	45	9	135	61	200
2-5/8"	66.7	79.0	3	45	9	135	61	200
2-3/4"	69.9	83.0	3	45	9	135	61	200
2-7/8"	73.0	86.0	3	45	9	135	61	200
3"	76.2	89.0	3	45	9	135	61	200
3-1/8"	79.4	93.0	3	45	9	135	61	200
3-1/2"	88.9	103.0	3	45	9	135	61	200
4"	101.6	116.0	3	45	9	135	61	200
4-1/2"	114.3	129.0	3	45	9	135	61	200
5"	127.0	142.0	3	45	9	135	61	200
6"	152.4	167.0	3	45	9	135	61	200
8"	203.2	219.0	3	45	9	135	61	200

Commonly Available Upon Request:

- Different Diameter
- Different Length
- Different Colour of Rubber
- Different Temperature
- Different Pressure

MARINE WET EXHAUST SUCTION HOSE

MANDREL

Application: Hardwall hose designed for suction and delivery of water cooled diesel engine exhaust gas systems installed on a small craft less than 24m in length or pleasure yachts.

Temperature: -30°C (-22°F) to +121°C (+250°F)

Tube: Black, smooth, synthetic rubber.

Reinforcement: High strength synthetic cord and helix wire.

Cover: Black, smooth (wrapped finish), synthetic rubber, weathering and abrasion resistant.

Optional Request: SAE J2006, Style R2.

Wellcall recommends using the **STAMPED** process to aid in determining the correct hose for your application.

I.D.		O.D.	Work Pressure		Burst Pressure		Max. Length	
inch	mm	mm	bar	psi	bar	psi	m	ft
3/4"	19.1	28.0	3	45	9	135	61	200
7/8"	22.2	31.0	3	45	9	135	61	200
1"	25.4	34.0	3	45	9	135	61	200
1-1/8"	28.6	38.0	3	45	9	135	61	200
1-3/16"	30.2	40.0	3	45	9	135	61	200
1-1/4"	31.8	42.0	3	45	9	135	61	200
1-5/16"	33.3	43.0	3	45	9	135	61	200
1-3/8"	34.9	45.0	3	45	9	135	61	200
1-1/2"	38.1	48.0	3	45	9	135	61	200
1-9/16"	39.7	50.0	3	45	9	135	61	200
1-5/8"	41.3	52.0	3	45	9	135	61	200
1-3/4"	44.5	55.0	3	45	9	135	61	200
1-7/8"	47.6	59.0	3	45	9	135	61	200
2"	50.8	62.0	3	45	9	135	61	200
2-1/8"	54.0	66.0	3	45	9	135	61	200
2-1/4"	57.2	69.0	3	45	9	135	61	200
2-3/8"	60.3	72.0	3	45	9	135	61	200
2-1/2"	63.5	76.0	3	45	9	135	61	200
2-5/8"	66.7	79.0	3	45	9	135	61	200
2-3/4"	69.9	83.0	3	45	9	135	61	200
2-7/8"	73.0	86.0	3	45	9	135	61	200
3"	76.2	89.0	3	45	9	135	61	200
3-1/8"	79.4	93.0	3	45	9	135	61	200
3-1/2"	88.9	103.0	3	45	9	135	61	200
4"	101.6	116.0	3	45	9	135	61	200
4-1/2"	114.3	129.0	3	45	9	135	61	200
5"	127.0	142.0	3	45	9	135	61	200
6"	152.4	167.0	3	45	9	135	61	200
8"	203.2	219.0	3	45	9	135	61	200

Commonly Available Upon Request:

- Different Diameter
- Different Length
- Different Colour of Rubber
- Different Temperature
- Different Pressure

MARINE WET EXHAUST HOSE (CORRUGATED)

MANDREL

Application: Light weight and flexible hose designed for delivery of water cooled diesel engine exhaust gas systems installed on a small craft less than 24m in length or pleasure yachts.

Temperature: -30°C (-22°F) to +121°C (+250°F)

Tube: Black, smooth, synthetic rubber.

Reinforcement: High strength synthetic cord and helix wire.

Cover: Black, corrugated (wrapped finish), synthetic rubber, weathering and abrasion resistant.

Optional Request: SAE J2006, Style R2.

Wellcall recommends using the **STAMPED** process to aid in determining the correct hose for your application.

I.D.		O.D.	Work Pressure		Burst Pressure		Max. Length	
inch	mm	mm	bar	psi	bar	psi	m	ft
3/4"	19.1	27.0	3	45	9	135	61	200
7/8"	22.2	31.0	3	45	9	135	61	200
1"	25.4	34.0	3	45	9	135	61	200
1-1/8"	28.6	39.0	3	45	9	135	61	200
1-3/16"	30.2	40.0	3	45	9	135	61	200
1-1/4"	31.8	41.0	3	45	9	135	61	200
1-5/16"	33.3	42.0	3	45	9	135	61	200
1-3/8"	34.9	44.0	3	45	9	135	61	200
1-1/2"	38.1	47.0	3	45	9	135	61	200
1-9/16"	39.7	49.0	3	45	9	135	61	200
1-5/8"	41.3	50.0	3	45	9	135	61	200
1-3/4"	44.5	54.0	3	45	9	135	61	200
1-7/8"	47.6	57.0	3	45	9	135	61	200
2"	50.8	60.0	3	45	9	135	61	200
2-1/8"	54.0	65.0	3	45	9	135	61	200
2-1/4"	57.2	68.0	3	45	9	135	61	200
2-3/8"	60.3	70.0	3	45	9	135	61	200
2-1/2"	63.5	73.0	3	45	9	135	61	200
2-5/8"	66.7	76.0	3	45	9	135	61	200
2-3/4"	69.9	79.0	3	45	9	135	61	200
2-7/8"	73.0	83.0	3	45	9	135	61	200
3"	76.2	86.0	3	45	9	135	61	200
3-1/8"	79.4	90.0	3	45	9	135	61	200
3-1/2"	88.9	100.0	3	45	9	135	61	200
4"	101.6	113.0	3	45	9	135	61	200
4-1/2"	114.3	127.0	3	45	9	135	61	200
5"	127.0	139.0	3	45	9	135	61	200
6"	152.4	165.0	3	45	9	135	61	200
8"	203.2	215.0	3	45	9	135	61	200
10"	254.0	268.0	3	45	9	135	12	40
12"	304.8	320.0	3	45	9	135	12	40

Commonly Available Upon Request:

- Different Diameter
- Different Length
- Different Temperature
- Different Pressure
- Different Colour of Rubber

MARINE FUEL HOSE

EXTRUSION

Application: Designed for delivery of fuel oil or diesel fuel aboard small craft including pleasure craft.

Temperature: -25°C (-13°F) to +100°C (+212°F)

Tube: Black, smooth, synthetic rubber.

Reinforcement: High strength synthetic yarn.

Cover: Black, smooth, synthetic rubber, weathering and fire resistant.

Optional Request: SAE J1527-A1, ISO 7840-A1 USCG.
SAE J1527-A2, ISO 7840-A2 USCG.

Wellcall recommends using the **STAMPED** process to aid in determining the correct hose for your application.

I.D.		O.D.	Work Pressure		Burst Pressure		Max. Length	
inch	mm	mm	bar	psi	bar	psi	m	ft
1/4"	6.4	15.8	3.5	50	14	200	100	330
5/16"	7.9	17.5	3.5	50	14	200	100	330
3/8"	9.5	20.0	3.5	50	14	200	100	330
1/2"	12.7	24.0	3.5	50	14	200	100	330
5/8"	15.9	27.0	3.5	50	14	200	100	330
3/4"	19.1	30.0	3.5	50	14	200	100	330
1"	25.4	36.0	3.5	50	14	200	100	330

Commonly Available Upon Request:

- Different Diameter
- Different Length
- Different Colour of Rubber
- Different Temperature
- Different Pressure

Mandrel

MISCELLANEOUS

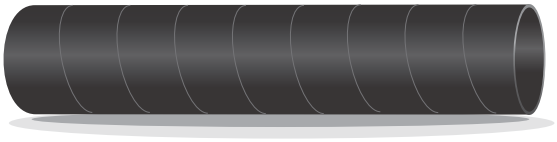
Versatile solutions that cover a wide range of specialized uses across various industries. From low-pressure utility hoses to custom-designed rubber solutions, each product is crafted with the same commitment to quality, durability, and performance.

PROTECTIVE COVER HOSE

MANDREL

Application: Designed for protecting hose used in electronic, electrical and sewage industries.

Temperature: -25°C (-13°F) to +80°C (+176°F)



Tube: Black, smooth, synthetic rubber.

Reinforcement: -

Cover: Black, smooth (wrapped finish), synthetic rubber, weathering resistant.

Wellcall recommends using the **STAMPED** process to aid in determining the correct hose for your application.

I.D.		O.D.	Work Pressure		Burst Pressure		Max. Length	
inch	mm	mm	bar	psi	bar	psi	m	ft
5/8"	15.9	19.0	-	-	-	-	40	130
3/4"	19.1	22.0	-	-	-	-	40	130
7/8"	22.2	25.0	-	-	-	-	40	130
1"	25.4	28.0	-	-	-	-	40	130
1-3/127"	26.0	28.0	-	-	-	-	40	130
1-1/8"	28.6	31.0	-	-	-	-	40	130
1-3/16"	30.2	33.0	-	-	-	-	40	130
1-1/4"	31.8	35.0	-	-	-	-	40	130
1-3/8"	34.9	38.0	-	-	-	-	40	130
1-1/2"	38.1	41.0	-	-	-	-	40	130
1-9/16"	39.7	43.0	-	-	-	-	40	130
1-5/8"	41.3	45.0	-	-	-	-	40	130
1-3/4"	44.5	48.0	-	-	-	-	40	130
1-7/8"	47.6	51.0	-	-	-	-	40	130
2"	50.8	54.0	-	-	-	-	40	130

Commonly Available Upon Request:

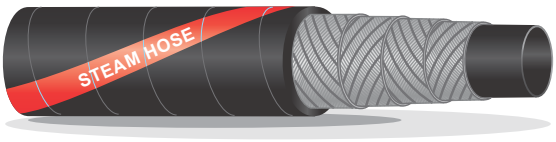
- Different Diameter
- Different Length
- Different Colour of Rubber
- Different Temperature
- Different Pressure

STEAM HOSE

MANDREL

Application: Softwall hose designed for delivery of steam and hot water.

Temperature: -20°C (-4°F) to +170°C (+338°F) (Steam), +95°C (203°F) (Hot Water)



Tube: Black, smooth, EPDM rubber.

Reinforcement: High strength synthetic cord.

Cover: Blue, smooth (wrapped finish), EPDM rubber.

Wellcall recommends using the **STAMPED** process to aid in determining the correct hose for your application.

I.D.		O.D.	Work Pressure		Burst Pressure		Max. Length	
inch	mm	mm	bar	psi	bar	psi	m	ft
1/2"	12.7	24.0	7	105	70	1050	61	200
5/8"	15.9	28.0	7	105	70	1050	61	200
3/4"	19.1	32.0	7	105	70	1050	61	200
1"	25.4	39.0	7	105	70	1050	61	200

Commonly Available Upon Request:

- Different Diameter
- Different Length
- Different Colour of Rubber
- Different Temperature
- Different Pressure

TANK CLEANING HOSE

MANDREL

Application: Softwall hose designed for cleaning tankers, barges and other petroleum and chemical storage facilities.

Temperature: -30°C (-22°F) to +100°C (+212°F)

Tube: Black, smooth, EPDM rubber.

Reinforcement: High strength synthetic cord with 2 stainless steel wires protruding from each end.

Cover: Black, smooth (wrapped finish), EPDM rubber.

Wellcall recommends using the **STAMPED** process to aid in determining the correct hose for your application.

I.D.		O.D.	Work Pressure		Burst Pressure		Max. Length	
inch	mm	mm	bar	psi	bar	psi	m	ft
1-1/2"	38.1	54.0	20	300	60	900	61	200
2"	50.8	68.0	20	300	60	900	61	200

Commonly Available Upon Request:

- Different Diameter
- Different Length
- Different Colour of Rubber
- Different Temperature
- Different Pressure

WATER

Reliable flow for a wide range of water applications. Designed for versatility and durability across industrial, agricultural, and construction environments. Offer excellent flexibility, abrasion resistance, and performance under varying pressure conditions.

Mandrel

Extrusion

HOT WATER DISCHARGE HOSE

MANDREL

Application: Softwall hose designed for conveyance of high temperature water for automotive, cleaning and cooling applications.

Temperature: -30°C (-22°F) to +100°C (+221°F)

Tube: Black, smooth, EPDM rubber.

Reinforcement: High strength synthetic cord.

Cover: Black, smooth (wrapped finish), EPDM rubber.

Wellcall recommends using the **STAMPED** process to aid in determining the correct hose for your application.

I.D.		O.D.	Work Pressure		Burst Pressure		Max. Length	
inch	mm	mm	bar	psi	bar	psi	m	ft
1/2"	12.7	22.0	10	150	30	450	61	200
3/4"	19.1	31.0	10	150	30	450	61	200
1"	25.4	37.0	10	150	30	450	61	200
1-1/4"	31.8	44.0	10	150	30	450	61	200
1-1/2"	38.1	50.0	10	150	30	450	61	200
2"	50.8	64.0	10	150	30	450	61	200
2-1/2"	63.5	77.0	10	150	30	450	61	200
3"	76.2	90.0	10	150	30	450	61	200
3-1/2"	88.9	104.0	10	150	30	450	61	200
4"	101.6	118.0	10	150	30	450	61	200

Commonly Available Upon Request:

- Different Diameter
- Different Length
- Different Colour of Rubber
- Different Temperature
- Different Pressure

HOT WATER SUCTION HOSE

MANDREL

Application: Hardwall hose designed for suction and delivery of high temperature water for automotive, cleaning and cooling applications.

Temperature: -30°C (-22°F) to +100°C (+221°F)

Tube: Black, smooth, EPDM rubber.

Reinforcement: High strength synthetic cord and helix wire.

Cover: Black, smooth (wrapped finish), EPDM rubber.

Optional Request: Corrugated (wrapped finish).

Wellcall recommends using the **STAMPED** process to aid in determining the correct hose for your application.

I.D.		O.D.	Work Pressure		Burst Pressure		Max. Length	
inch	mm	mm	bar	psi	bar	psi	m	ft
1/2"	12.7	22.0	10	150	30	450	61	200
3/4"	19.1	31.0	10	150	30	450	61	200
1"	25.4	37.0	10	150	30	450	61	200
1-1/4"	31.8	44.0	10	150	30	450	61	200
1-1/2"	38.1	50.0	10	150	30	450	61	200
2"	50.8	64.0	10	150	30	450	61	200
2-1/2"	63.5	77.0	10	150	30	450	61	200
3"	76.2	90.0	10	150	30	450	61	200
3-1/2"	88.9	104.0	10	150	30	450	61	200
4"	101.6	118.0	10	150	30	450	61	200

Commonly Available Upon Request:

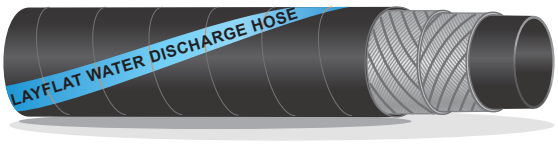
- Different Diameter
- Different Length
- Different Colour of Rubber
- Different Temperature
- Different Pressure

LAY FLAT WATER DISCHARGE HOSE

MANDREL

Application: Light weight and lay flat softwall hose, designed for the delivery of industrial waste waters in submerged pumps and mobile irrigation systems usage.

Temperature: -30°C (-22°F) to +70°C (+158°F)



Tube: Black, smooth, synthetic rubber.

Reinforcement: High strength synthetic cord.

Cover: Black, smooth (wrapped finish), synthetic rubber, weathering resistant.

Wellcall recommends using the **STAMPED** process to aid in determining the correct hose for your application.

I.D.		O.D.	Work Pressure		Burst Pressure		Max. Length	
inch	mm	mm	bar	psi	bar	psi	m	ft
1"	25.4	33.0	5	75	15	225	61	200
1-1/8"	28.6	36.0	5	75	15	225	61	200
1-3/16"	30.2	38.0	5	75	15	225	61	200
1-1/4"	31.8	40.0	5	75	15	225	61	200
1-5/16"	33.3	42.0	5	75	15	225	61	200
1-3/8"	34.9	44.0	5	75	15	225	61	200
1-1/2"	38.1	47.0	5	75	15	225	61	200
1-9/16"	39.7	48.0	5	75	15	225	61	200
1-5/8"	41.3	50.0	5	75	15	225	61	200
1-3/4"	44.5	53.0	5	75	15	225	61	200
1-7/8"	47.6	56.0	5	75	15	225	61	200
2"	50.8	59.0	5	75	15	225	61	200
2-1/8"	54.0	63.0	5	75	15	225	61	200
2-1/4"	57.2	66.0	5	75	15	225	61	200
2-5/16"	58.7	67.0	5	75	15	225	40	130
2-3/8"	60.3	69.0	5	75	15	225	61	200
2-1/2"	63.5	72.0	5	75	15	225	61	200
2-5/8"	66.7	76.0	5	75	15	225	61	200
2-3/4"	69.9	79.0	5	75	15	225	61	200
2-7/8"	73.0	82.0	5	75	15	225	61	200
3"	76.2	85.0	5	75	15	225	61	200
3-1/8"	79.4	88.0	5	75	15	225	61	200
3-1/2"	88.9	98.0	5	75	15	225	61	200
3-5/8"	92.0	101.0	5	75	15	225	40	130
3-3/4"	95.0	105.0	5	75	15	225	40	130
4"	101.6	112.0	5	75	15	225	61	200
4-3/8"	111.0	121.0	5	75	15	225	40	130
4-1/2"	114.3	126.0	5	75	15	225	61	200
5"	127.0	139.0	5	75	15	225	61	200
5-1/2"	140.0	153.0	5	75	15	225	30	100
6"	152.4	165.0	5	75	15	225	61	200
6-5/16"	160.3	173.0	5	75	15	225	30	100

LAY FLAT WATER DISCHARGE HOSE

MANDREL

I.D.		O.D.	Work Pressure		Burst Pressure		Max. Length	
inch	mm	mm	bar	psi	bar	psi	m	ft
6-5/8"	168.3	182.0	5	75	15	225	30	100
7"	178.0	192.0	5	75	15	225	30	100
8"	203.2	217.0	5	75	15	225	61	200
8-5/8"	219.1	233.0	5	75	15	225	30	100
10"	254.0	268.0	5	75	15	225	12	40
12"	304.8	320.0	5	75	15	225	12	40
14"	355.6	374.0	5	75	15	225	12	40
16"	406.4	426.0	5	75	15	225	12	40
18"	457.2	478.0	5	75	15	225	12	40
20"	508.0	530.0	5	75	15	225	6	20

Commonly Available Upon Request:

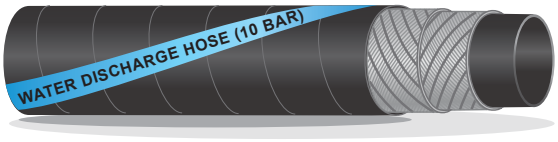
- Different Diameter
- Different Length
- Different Colour of Rubber
- Different Temperature
- Different Pressure

WATER DISCHARGE HOSE (10 BAR)

MANDREL

Application: Softwall hose designed for water, and non-corrosive fluids used in construction sites and light duty industrial applications.

Temperature: -30°C (-22°F) to +70°C (+158°F)



Tube: Black, smooth, synthetic rubber.

Reinforcement: High strength synthetic cord.

Cover: Black, smooth (wrapped finish), synthetic rubber, weathering resistant.

Wellcall recommends using the **STAMPED** process to aid in determining the correct hose for your application.

I.D.		O.D.	Work Pressure		Burst Pressure		Max. Length	
inch	mm	mm	bar	psi	bar	psi	m	ft
1/2"	12.7	21.0	10	150	30	450	61	200
5/8"	15.9	25.0	10	150	30	450	61	200
3/4"	19.1	28.0	10	150	30	450	61	200
7/8"	22.2	31.0	10	150	30	450	61	200
1"	25.4	34.0	10	150	30	450	61	200
1-1/8"	28.6	38.0	10	150	30	450	61	200
1-3/16"	30.2	40.0	10	150	30	450	61	200
1-1/4"	31.8	42.0	10	150	30	450	61	200
1-5/16"	33.3	43.0	10	150	30	450	61	200
1-3/8"	34.9	45.0	10	150	30	450	61	200
1-1/2"	38.1	48.0	10	150	30	450	61	200
1-9/16"	39.7	50.0	10	150	30	450	61	200
1-5/8"	41.3	52.0	10	150	30	450	61	200
1-3/4"	44.5	55.0	10	150	30	450	61	200
1-7/8"	47.6	59.0	10	150	30	450	61	200
2"	50.8	62.0	10	150	30	450	61	200
2-1/8"	54.0	66.0	10	150	30	450	61	200
2-1/4"	57.2	69.0	10	150	30	450	61	200
2-5/16"	58.7	71.0	10	150	30	450	40	130
2-3/8"	60.3	72.0	10	150	30	450	61	200
2-1/2"	63.5	76.0	10	150	30	450	61	200
2-5/8"	66.7	79.0	10	150	30	450	61	200
2-3/4"	69.9	83.0	10	150	30	450	61	200
2-7/8"	73.0	86.0	10	150	30	450	61	200
3"	76.2	89.0	10	150	30	450	61	200
3-1/8"	79.4	93.0	10	150	30	450	61	200
3-1/2"	88.9	103.0	10	150	30	450	61	200
3-5/8"	92.0	106.0	10	150	30	450	40	130
3-3/4"	95.0	109.0	10	150	30	450	40	130
4"	101.6	116.0	10	150	30	450	61	200
4-3/8"	111.0	126.0	10	150	30	450	40	130
4-1/2"	114.3	129.0	10	150	30	450	61	200

WATER DISCHARGE HOSE (10 BAR)

MANDREL

 I.D.		 O.D.	 Work Pressure		 Burst Pressure		 Max. Length	
inch	mm	mm	bar	psi	bar	psi	m	ft
5"	127.0	142.0	10	150	30	450	61	200
5-1/2"	140.0	155.0	10	150	30	450	30	100
6"	152.4	167.0	10	150	30	450	61	200
6-5/16"	160.3	176.0	10	150	30	450	30	100
6-5/8"	168.3	184.0	10	150	30	450	30	100
7"	178.0	194.0	10	150	30	450	30	100
8"	203.2	219.0	10	150	30	450	61	200
8-5/8"	219.1	235.0	10	150	30	450	30	100
10"	254.0	272.0	10	150	30	450	12	40
12"	304.8	324.0	10	150	30	450	12	40
14"	355.6	378.0	10	150	30	450	12	40
16"	406.4	430.0	10	150	30	450	12	40
18"	457.2	482.0	10	150	30	450	12	40
20"	508.0	538.0	10	150	30	450	6	20

Commonly Available Upon Request:

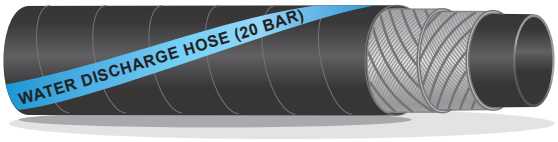
- Different Diameter
- Different Length
- Different Colour of Rubber
- Different Temperature
- Different Pressure

WATER DISCHARGE HOSE (20 BAR)

MANDREL

Application: Softwall hose designed for water, and non-corrosive fluids used in construction sites and light duty industrial applications.

Temperature: -30°C (-22°F) to +70°C (+158°F)



Tube: Black, smooth, synthetic rubber.

Reinforcement: High strength synthetic cord.

Cover: Black, smooth (wrapped finish), synthetic rubber, weathering resistant.

Wellcall recommends using the **STAMPED** process to aid in determining the correct hose for your application.

I.D.		O.D.	Work Pressure		Burst Pressure		Max. Length	
inch	mm	mm	bar	psi	bar	psi	m	ft
1/2"	12.7	22.0	20	300	60	900	61	200
5/8"	15.9	26.0	20	300	60	900	61	200
3/4"	19.1	29.0	20	300	60	900	61	200
7/8"	22.2	32.0	20	300	60	900	61	200
1"	25.4	36.0	20	300	60	900	61	200
1-1/8"	28.6	39.0	20	300	60	900	61	200
1-3/16"	30.2	42.0	20	300	60	900	61	200
1-1/4"	31.8	44.0	20	300	60	900	61	200
1-5/16"	33.3	45.0	20	300	60	900	61	200
1-3/8"	34.9	47.0	20	300	60	900	61	200
1-1/2"	38.1	50.0	20	300	60	900	61	200
1-9/16"	39.7	52.0	20	300	60	900	61	200
1-5/8"	41.3	54.0	20	300	60	900	61	200
1-3/4"	44.5	57.0	20	300	60	900	61	200
1-7/8"	47.6	61.0	20	300	60	900	61	200
2"	50.8	65.0	20	300	60	900	61	200
2-1/8"	54.0	68.0	20	300	60	900	61	200
2-1/4"	57.2	72.0	20	300	60	900	61	200
2-5/16"	58.7	74.0	20	300	60	900	40	130
2-3/8"	60.3	75.0	20	300	60	900	61	200
2-1/2"	63.5	79.0	20	300	60	900	61	200
2-5/8"	66.7	81.0	20	300	60	900	61	200
2-3/4"	69.9	85.0	20	300	60	900	61	200
2-7/8"	73.0	89.0	20	300	60	900	61	200
3"	76.2	92.0	20	300	60	900	61	200
3-1/8"	79.4	96.0	20	300	60	900	61	200
3-1/2"	88.9	106.0	20	300	60	900	61	200
3-5/8"	92.0	109.0	20	300	60	900	40	130
3-3/4"	95.0	112.0	20	300	60	900	40	130
4"	101.6	120.0	20	300	60	900	61	200
4-3/8"	111.0	130.0	20	300	60	900	40	130
4-1/2"	114.3	133.0	20	300	60	900	61	200

WATER DISCHARGE HOSE (20 BAR)

MANDREL

I.D.		O.D.	Work Pressure		Burst Pressure		Max. Length	
inch	mm	mm	bar	psi	bar	psi	m	ft
5"	127.0	147.0	20	300	60	900	61	200
5-1/2"	140.0	160.0	20	300	60	900	30	100
6"	152.4	172.0	20	300	60	900	61	200
6-5/16"	160.3	180.0	20	300	60	900	30	100
6-5/8"	168.3	188.0	20	300	60	900	30	100
7"	178.0	198.0	20	300	60	900	30	100
8"	203.2	224.0	20	300	60	900	61	200
8-5/8"	219.1	240.0	20	300	60	900	30	100
10"	254.0	280.0	20	300	60	900	12	40
12"	304.8	334.0	20	300	60	900	12	40

Commonly Available Upon Request:

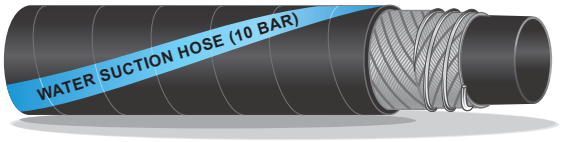
- Different Diameter
- Different Length
- Different Colour of Rubber
- Different Temperature
- Different Pressure

WATER SUCTION HOSE (10 BAR)

MANDREL

Application: Hardwall hose designed for suction and delivery of water, and non-corrosive fluids used in construction sites and light duty industrial applications.

Temperature: -30°C (-22°F) to +70°C (+158°F)



Tube: Black, smooth, synthetic rubber.

Reinforcement: High strength synthetic cord and helix wire.

Cover: Black, smooth (wrapped finish), synthetic rubber, weathering resistant.

Optional Request: Corrugated (wrapped finish).

Wellcall recommends using the **STAMPED** process to aid in determining the correct hose for your application.

I.D.		O.D.	Work Pressure		Burst Pressure		Max. Length	
inch	mm	mm	bar	psi	bar	psi	m	ft
1/2"	12.7	21.0	10	150	30	450	61	200
5/8"	15.9	25.0	10	150	30	450	61	200
3/4"	19.1	29.0	10	150	30	450	61	200
7/8"	22.2	32.0	10	150	30	450	61	200
1"	25.4	35.0	10	150	30	450	61	200
1-1/8"	28.6	38.0	10	150	30	450	61	200
1-3/16"	30.2	40.0	10	150	30	450	61	200
1-1/4"	31.8	42.0	10	150	30	450	61	200
1-5/16"	33.3	43.0	10	150	30	450	61	200
1-3/8"	34.9	45.0	10	150	30	450	61	200
1-1/2"	38.1	48.0	10	150	30	450	61	200
1-9/16"	39.7	50.0	10	150	30	450	61	200
1-5/8"	41.3	52.0	10	150	30	450	61	200
1-3/4"	44.5	56.0	10	150	30	450	61	200
1-7/8"	47.6	59.0	10	150	30	450	61	200
2"	50.8	62.0	10	150	30	450	61	200
2-1/8"	54.0	66.0	10	150	30	450	61	200
2-1/4"	57.2	69.0	10	150	30	450	61	200
2-5/16"	58.7	71.0	10	150	30	450	40	130
2-3/8"	60.3	73.0	10	150	30	450	61	200
2-1/2"	63.5	76.0	10	150	30	450	61	200
2-5/8"	66.7	80.0	10	150	30	450	61	200
2-3/4"	69.9	83.0	10	150	30	450	61	200
2-7/8"	73.0	86.0	10	150	30	450	61	200
3"	76.2	89.0	10	150	30	450	61	200
3-1/8"	79.4	93.0	10	150	30	450	61	200
3-1/2"	88.9	103.0	10	150	30	450	61	200
3-5/8"	92.0	107.0	10	150	30	450	40	130
3-3/4"	95.0	110.0	10	150	30	450	40	130
4"	101.6	116.0	10	150	30	450	61	200
4-3/8"	111.0	126.0	10	150	30	450	40	130
4-1/2"	114.3	130.0	10	150	30	450	61	200

WATER SUCTION HOSE (10 BAR)

MANDREL

 I.D.		 O.D.	 Work Pressure		 Burst Pressure		 Max. Length	
inch	mm	mm	bar	psi	bar	psi	m	ft
5"	127.0	143.0	10	150	30	450	61	200
5-1/2"	140.0	158.0	10	150	30	450	30	100
6"	152.4	170.0	10	150	30	450	61	200
6-5/16"	160.3	178.0	10	150	30	450	30	100
6-5/8"	168.3	186.0	10	150	30	450	30	100
7"	178.0	198.0	10	150	30	450	30	100
8"	203.2	224.0	10	150	30	450	61	200
8-5/8"	219.1	240.0	10	150	30	450	30	100
10"	254.0	278.0	10	150	30	450	12	40
12"	304.8	328.0	10	150	30	450	12	40
14"	355.6	393.0	10	150	30	450	12	40
16"	406.4	448.0	10	150	30	450	12	40
18"	457.2	502.0	10	150	30	450	12	40
20"	508.0	558.0	10	150	30	450	6	20

Commonly Available Upon Request:

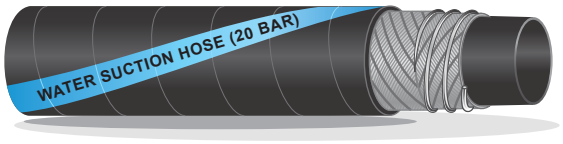
- Different Diameter
- Different Length
- Different Colour of Rubber
- Different Temperature
- Different Pressure

WATER SUCTION HOSE (20 BAR)

MANDREL

Application: Hardwall hose designed for suction and delivery of water, and non-corrosive fluids used in construction sites and light duty industrial applications.

Temperature: -30°C (-22°F) to +70°C (+158°F)



Tube: Black, smooth, synthetic rubber.

Reinforcement: High strength synthetic cord and helix wire.

Cover: Black, smooth (wrapped finish), synthetic rubber, weathering resistant.

Optional Request: Corrugated (wrapped finish).

Wellcall recommends using the **STAMPED** process to aid in determining the correct hose for your application.

I.D.		O.D.	Work Pressure		Burst Pressure		Max. Length	
inch	mm	mm	bar	psi	bar	psi	m	ft
1/2"	12.7	23.0	20	300	60	900	61	200
5/8"	15.9	27.0	20	300	60	900	61	200
3/4"	19.1	31.0	20	300	60	900	61	200
7/8"	22.2	34.0	20	300	60	900	61	200
1"	25.4	37.0	20	300	60	900	61	200
1-1/8"	28.6	40.0	20	300	60	900	61	200
1-3/16"	30.2	42.0	20	300	60	900	61	200
1-1/4"	31.8	44.0	20	300	60	900	61	200
1-5/16"	33.3	45.0	20	300	60	900	61	200
1-3/8"	34.9	47.0	20	300	60	900	61	200
1-1/2"	38.1	50.0	20	300	60	900	61	200
1-9/16"	39.7	52.0	20	300	60	900	61	200
1-5/8"	41.3	54.0	20	300	60	900	61	200
1-3/4"	44.5	58.0	20	300	60	900	61	200
1-7/8"	47.6	62.0	20	300	60	900	61	200
2"	50.8	66.0	20	300	60	900	61	200
2-1/8"	54.0	69.0	20	300	60	900	61	200
2-1/4"	57.2	72.0	20	300	60	900	61	200
2-5/16"	58.7	74.0	20	300	60	900	40	130
2-3/8"	60.3	76.0	20	300	60	900	61	200
2-1/2"	63.5	79.0	20	300	60	900	61	200
2-5/8"	66.7	83.0	20	300	60	900	61	200
2-3/4"	69.9	86.0	20	300	60	900	61	200
2-7/8"	73.0	89.0	20	300	60	900	61	200
3"	76.2	92.0	20	300	60	900	61	200
3-1/8"	79.4	96.0	20	300	60	900	61	200
3-1/2"	88.9	106.0	20	300	60	900	61	200
3-5/8"	92.0	110.0	20	300	60	900	40	130
3-3/4"	95.0	113.0	20	300	60	900	40	130
4"	101.6	120.0	20	300	60	900	61	200
4-3/8"	111.0	130.0	20	300	60	900	40	130
4-1/2"	114.3	134.0	20	300	60	900	61	200

WATER SUCTION HOSE (20 BAR)

MANDREL

 I.D.		 O.D.	 Work Pressure		 Burst Pressure		 Max. Length	
inch	mm	mm	bar	psi	bar	psi	m	ft
5"	127.0	149.0	20	300	60	900	61	200
5-1/2"	140.0	162.0	20	300	60	900	30	100
6"	152.4	174.0	20	300	60	900	61	200
6-5/16"	160.3	182.0	20	300	60	900	30	100
6-5/8"	168.3	190.0	20	300	60	900	30	100
7"	178.0	201.0	20	300	60	900	30	100
8"	203.2	227.0	20	300	60	900	61	200
8-5/8"	219.1	247.0	20	300	60	900	30	100
10"	254.0	285.0	20	300	60	900	12	40
12"	304.8	339.0	20	300	60	900	12	40

Commonly Available Upon Request:

- Different Diameter
- Different Length
- Different Colour of Rubber
- Different Temperature
- Different Pressure

CORRUGATED WATER SUCTION HOSE (CUFF END) MANDREL

Application: Hardwall hose designed for suction and delivery of water, and non-corrosive fluids used in construction sites and light duty industrial applications.
Lengths incorporate cuffed ends for ease of fitting insertion.

Temperature: -30°C (-22°F) to +70°C (+158°F)

Tube: Black, smooth, synthetic rubber.

Reinforcement: High strength synthetic cord and helix wire.

Cover: Black, corrugated (wrapped finish), synthetic rubber, abrasion and weathering resistant.

Wellcall recommends using the **STAMPED** process to aid in determining the correct hose for your application.

I.D.		O.D.	Work Pressure		Burst Pressure		Max. Length	
inch	mm	mm	bar	psi	bar	psi	m	ft
3"	76.2	88.0	10	150	30	450	-	-
4"	101.8	115.0	10	150	30	450	-	-
6"	152.4	168.0	10	150	30	450	-	-
8"	203.2	222.0	10	150	30	450	-	-
10"	254.0	278.0	10	150	30	450	-	-
12"	304.8	328.0	10	150	30	450	-	-

Commonly Available Upon Request:

- Different Diameter
- Different Length
- Different Colour of Rubber
- Different Temperature
- Different Pressure

WASHDOWN HOSE

EXTRUSION

Application: Designed for hot water wash-down suitable for food / dairy processing industry, bottling plants and breweries.

Temperature: -30°C (-22°F) to +100°C (+212°F)

Tube: White, smooth, synthetic rubber.

Reinforcement: High strength synthetic yarn.

Cover: White, smooth, synthetic rubber, weathering resistant.

Wellcall recommends using the **STAMPED** process to aid in determining the correct hose for your application.

I.D.		O.D.	Work Pressure		Burst Pressure		Max. Length	
inch	mm	mm	bar	psi	bar	psi	m	ft
3/8"	9.5	19.0	16	240	48	720	100	330
1/2"	12.7	23.0	16	240	48	720	100	330
5/8"	15.9	27.0	16	240	48	720	100	330
3/4"	19.1	32.0	16	240	48	720	100	330
1"	25.4	39.0	16	240	48	720	100	330

Commonly Available Upon Request:

- Different Diameter
- Different Length
- Different Colour of Rubber
- Different Temperature
- Different Pressure

WATER HOSE (10 BAR)

EXTRUSION

Application: Designed for water and non-corrosive fluids used in construction sites and light industrial applications.

Temperature: -30°C (-22°F) to +70°C (+158°F)

Tube: Black, smooth, synthetic rubber.

Reinforcement: High strength synthetic yarn.

Cover: Black, smooth, synthetic rubber, weathering resistant.

Wellcall recommends using the **STAMPED** process to aid in determining the correct hose for your application.

I.D.		O.D.	Work Pressure		Burst Pressure		Max. Length	
inch	mm	mm	bar	psi	bar	psi	m	ft
3/16"	4.8	11.0	10	150	30	450	120	400
1/4"	6.4	12.0	10	150	30	450	120	400
5/16"	7.9	15.0	10	150	30	450	100	330
3/8"	9.5	17.0	10	150	30	450	100	330
1/2"	12.7	20.0	10	150	30	450	100	330
5/8"	15.9	24.0	10	150	30	450	100	330
3/4"	19.1	28.0	10	150	30	450	100	330
7/8"	22.2	31.0	10	150	30	450	100	330
1"	25.4	35.0	10	150	30	450	100	330
1-1/4"	31.8	42.0	10	150	30	450	60	200
1-1/2"	38.1	50.0	10	150	30	450	60	200
2"	50.8	66.0	10	150	30	450	60	200

Commonly Available Upon Request:

- Different Diameter
- Different Length
- Different Colour of Rubber
- Different Temperature
- Different Pressure

WATER HOSE (20 BAR)

EXTRUSION

Application: Designed for water and non-corrosive fluids used in construction sites and light industrial applications.

Temperature: -30°C (-22°F) to +70°C (+158°F)

Tube: Black, smooth, synthetic rubber.

Reinforcement: High strength synthetic yarn.

Cover: Black, smooth, synthetic rubber, weathering resistant.

Wellcall recommends using the **STAMPED** process to aid in determining the correct hose for your application.

I.D.		O.D.	Work Pressure		Burst Pressure		Max. Length	
inch	mm	mm	bar	psi	bar	psi	m	ft
3/16"	4.8	12.0	20	300	60	900	120	400
1/4"	6.4	13.0	20	300	60	900	120	400
5/16"	7.9	15.0	20	300	60	900	100	330
3/8"	9.5	17.0	20	300	60	900	100	330
1/2"	12.7	21.0	20	300	60	900	100	330
5/8"	15.9	26.0	20	300	60	900	100	330
3/4"	19.1	29.0	20	300	60	900	100	330
7/8"	22.2	32.0	20	300	60	900	100	330
1"	25.4	36.0	20	300	60	900	100	330
1-1/4"	31.8	44.0	20	300	60	900	61	200
1-1/2"	38.1	54.0	20	300	60	900	61	200
2"	50.8	66.0	20	300	60	900	61	200

Commonly Available Upon Request:

- Different Diameter
- Different Length
- Different Colour of Rubber
- Different Temperature
- Different Pressure

Extrusion

WELDING

Safe and durable for gas welding and cutting. Designed for the reliable transfer of oxygen, acetylene, and other fuel gases used in welding and cutting applications. Offer excellent flexibility, abrasion resistance, and safety under pressure.

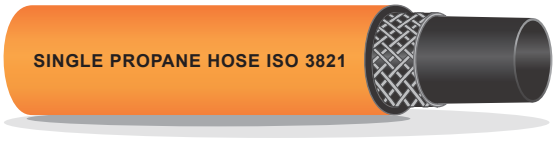
"Specializes in Industrial Rubber Hose"

LPG HOSE

EXTRUSION

Application: Designed for welding / cutting purpose in shipbuilding, civil works, domestic gas stoves, oven and other industrial equipment.
Specific catering for LP Gas, natural gas, town gas and propane gas.

Temperature: -20°C (-4°F) to +70°C (+158°F)



Tube: Black, smooth, synthetic rubber.

Reinforcement: High strength synthetic yarn.

Cover: Orange, smooth, synthetic rubber, weathering resistant.

Optional Request: ISO 3821; AS/NZS 1869.

Wellcall recommends using the STAMPED process to aid in determining the correct hose for your application.

I.D.		O.D.	Work Pressure		Burst Pressure		Max. Length	
inch	mm	mm	bar	psi	bar	psi	m	ft
3/16"	4.8	12.0	20	300	60	900	120	400
1/4"	6.4	14.0	20	300	60	900	120	400
5/16"	7.9	16.0	20	300	60	900	100	330
3/8"	9.5	17.0	20	300	60	900	100	330
1/2"	12.7	22.0	20	300	60	900	100	330

Commonly Available Upon Request:

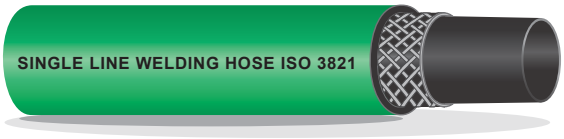
- Different Diameter
- Different Length
- Different Colour of Rubber
- Different Temperature
- Different Pressure

SINGLE LINE WELDING HOSE

EXTRUSION

Application: Designed for welding, cutting and allied processes. Specific welding hose catering for oxygen, acetylene, carbon dioxide, nitrogen and argon available upon request.

Temperature: -20°C (-4°F) to +70°C (+158°F)



Tube: Black, smooth, synthetic rubber.

Reinforcement: High strength synthetic yarn.

Cover: Blue / Green / Red, smooth, synthetic rubber, weathering resistant.

Optional Request: ISO 3821; AS/NZS 1869.

Wellcall recommends using the STAMPED process to aid in determining the correct hose for your application.

I.D.		O.D.	Work Pressure		Burst Pressure		Max. Length	
inch	mm	mm	bar	psi	bar	psi	m	ft
3/16"	4.8	12.0	20	300	60	900	120	400
1/4"	6.4	13.0	20	300	60	900	120	400
5/16"	7.9	15.0	20	300	60	900	100	330
3/8"	9.5	17.0	20	300	60	900	100	330
1/2"	12.7	21.0	20	300	60	900	100	330
5/8"	15.9	25.0	20	300	60	900	100	330
3/4"	19.1	29.0	20	300	60	900	100	330
1"	25.4	36.0	20	300	60	900	100	330

Commonly Available Upon Request:

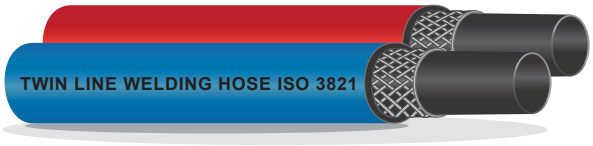
- Different Diameter
- Different Length
- Different Colour of Rubber
- Different Temperature
- Different Pressure

TWIN LINE WELDING HOSE

EXTRUSION

Application: Designed for welding, cutting and allied processes.

Temperature: -20°C (-4°F) to +70°C (+158°F)



Tube: Black, smooth, synthetic rubber.

Reinforcement: High strength synthetic yarn.

Cover: Red & Blue, smooth, synthetic rubber, weathering resistant.

Optional Request: ISO 3821; AS/NZS 1869.

Wellcall recommends using the STAMPED process to aid in determining the correct hose for your application.

I.D.		O.D.	Work Pressure		Burst Pressure		Max. Length	
inch	mm	mm	bar	psi	bar	psi	m	ft
3/16"	4.8 + 4.8	12.0 + 12.0	20	300	60	900	120	400
1/4"	6.4 + 6.4	13.0 + 13.0	20	300	60	900	120	400
5/16"	7.9 + 7.9	15.0 + 15.0	20	300	60	900	120	400
5/16" + 3/8"	7.9 + 9.5	16.0 + 16.0	20	300	60	900	100	330
3/8"	9.5 + 9.5	17.0 + 17.0	20	300	60	900	100	330

Commonly Available Upon Request:

- Different Diameter
- Different Length
- Different Colour of Rubber
- Different Temperature
- Different Pressure

CHEMICAL GUIDE

The chemical guide in this section is offered as a general indication of the compatibility of the various materials used in hose with the chemicals and fluids listed. The basis for the ratings in this guide include actual service experience, the advice of various polymer suppliers, and the considered opinion of our rubber chemists. When in doubt, a sample of the compound should always be tested with the particular chemical it is to handle. Some of the variables that come into play in the resistance of a compound to chemical attack are:

1. Temperature of the Material Transmitted:

The degree of increase varies depending on the polymer and chemical involved.

2. Service Conditions:

A rubber compound usually swells when exposed to a chemical. With a given percent of swell, a hose tube may function satisfactorily when static, but quickly fail under flexing conditions.

3. The Grade or Blend of the Rubber Compound:

Basic rubber polymers are sometimes mixed or blended together to enhance a particular property for a specific service. Therefore, a blend of polymers may react differently to a chemical than each individual polymer would alone. When in doubt, a sample of the compound should always be tested with the particular chemical it is to handle.

GENERAL CHEMICAL RESISTANCE OF HOSE COMPOUNDS

General chemical resistance of WELLCALL hose compounds

ASTM DESIGNATION D1418-93	COMMON	COMPOSITION	GENERAL PROPERTIES
BR	Polybutadiene	Butadiene	Excellent abrasion and low temperature resistance. High resilience.
CR	Neoprene®	Chloroprene rubber	Excellent weathering resistance. Flame retardant. Good oil resistance. Good physical properties.
EPDM	EPDM	Ethylene-propylene-diene-terpolymer	Good general purpose polymer. Excellent heat, ozone and weathering resistance. Not oil resistant.
NBR	Nitrile rubber	Acrylonitrile-butadiene rubber	Excellent oil resistance. Good physical properties.
NBR/PVC	Nitrile/PVC	Acrylonitrile-Butadiene & Poly	Excellent ozone resistance, fuel resistance and abrasion resistance while maintaining excellent extrusion character-istics.
NR	Natural Rubber	Isoprene rubber	Excellent physical properties, including abrasion resistance. Not oil resistant.
SBR	SBR	Styrene-butadiene rubber	Good physical properties, including abrasion resistance. Not oil resistant.
XLPE	Cross linked polyethylene	Cross linked polyethylene	Excellent resistance to most solvents, oils and chemicals. Do not confuse with chemical properties of standard polyethylene.
UHMWPE	Ultra high molecular weight polyethylene	Ultra high molecular weight polyethylene	Excellent resistance to most solvents, chemicals and hydrocarbons. Excellent abrasion and wear resistance. Inert and suitable for food contact. Do not confuse with chemical properties of standard polyethylene.
IIR	Butyl Rubber	Isobutene-isoprene rubber	Very good weathering resistance. Low permeability to air. Good physical properties. Poor resistance to petroleum based fluids.
CSM	Hypalon®	Chloro-sulfonated polyeth-ylene	Excellent ozone, weathering and acid resistance. Good abrasion and heat resistance. Can be compounded for good oil resistance.

UNIT OF MEASUREMENT

Formulas and conversion factors for units of measurement

Entity	Base Unit Name	Conversion	
Force, Weight	1kg (kilogram)	=	9.807 N
	1 lb (pound)	=	16 oz
		=	0.4536 kg
		=	4.448 N
	1 oz (ounces)	=	28.35 g
Pressure	1 kg / cm²	=	0.09807 Mpa
		=	14.22 lbs/sq.in
		=	735.6 torr
	1 Mpa	=	10 bar
	1 bar	=	14.5036 psi
Length	1 inch	=	25.4 mm
	1 ft	=	12 inch
		=	0.3048 m
	1 yard	=	3 ft
		=	91.44 cm
Area	1 in² (square inch)	=	6.452 cm²
	1 acre	=	4047 m²
Volume	1 pint (USA)	=	0.4732 l
	1 pint (British)	=	0.5683 l
	1 gallon (USA)	=	3.785 l
	1 gallon (British)	=	4.546 l
Temperature	°F	=	9/5°C + 32

Names of multiples and fractions of units

Multiples			Fractions		
10^{1}	da	deka	10^{-1}	d	deci
10^{2}	h	hecto	10^{-2}	c	centi
10^{3}	k	kilo	10^{-3}	m	milli
10^{6}	M	mega	10^{-6}	µ	micro
10^{9}	G	giga	10^{-9}	n	nano
10^{12}	T	tera	10^{-12}	p	pico
			10^{-15}	f	femto
			10^{-18}	a	atto

CHEMICAL RESISTANCE CHART

Caution! The following data is based on tests and believed to be reliable; however, we emphasise that the tabulation should be used as a guide only, since it does not take into consideration all variables such as elevated temperatures, fluid contamination, concentration, etc. that may be encountered in actual use. All critical application should be tested.

Resistance Rating Key:

E - Excellent G - Good F - Fair C - Conditional X - Unsatisfactory BLANK - Insufficient Data

CHEMICAL OR MATERIAL CONVEYED	COMPOUND								
	NR	SBR	IIR	EPDM	NBR	CR	CSM	XLPE	UPE
ACETALDEHYDE	F	X	E	E	X	C	F	E	E
ACETIC ACID, GLACIAL	C	X	G	G	X	F	C	E	E
ACETIC ACID, 10%	G	F	G	E	E	E	E	E	E
ACETIC ACID, 50%	X	F	G	E	F	F	E	E	E
ACETIC ANHYDRIDE	F	X	C	G	X	G	E	E	E
ACETIC OXIDE	F	X	G	G	X	G	E	E	E
ACETONE	C	C	E	E	X	C	X	E	E
ACETONE CYANOHYDRIN	F		E	E	X	G	F		
ACETONITRILE	G		E	E	X	E	G		
ACETOPHENONE	C	X	G	E	X	X	X	E	E
ACETYL ACETONE	X	X	E	E	X	X	X		
ACETYL CHLORIDE	X	X	X	X	X	X	C		
ACETYL OXIDE	F		G	G	X	G	E	E	E
ACETYLENE	C	F	E	E	E	E	C	E	E
ACETYLENE DICHLORIDE	X	X	F	C	X	X	X		
ACETYLENE TERACHLORIDE	X		X	C	X	C	X		
ACROLEIN	G	F	E	E	F	G	G		
ACRYLONITRILE	C	F	X	E	X	X	C	E	E
ACRYLIC ACID	X			X	X	X	G		
ADIPIC ACID	E		X	C	E	E	G	E	E
AIR, +300°F	X	X	G	G	G	G	G		
ALK-TRI	X		X	X	X	X	X		
ALLYL ALCOHOL	E		E	E	E	E	E	E	E
ALLYL BROMIDE	X		X	X	X	X	X		
ALLYL CHLORIDE	X	E	C	X	G	X	X	E	F
ALUM	E		E	G	C	E	E	E	E
ALUMINIUM ACETATE	E	X	G	E	C	C	F		
ALUMINIUM CHLORIDE	E	E	E	E	E	E	E	E	E
ALUMINIUM FLUORIDE	E	E	E	E	E	E	E	E	E
ALUMINIUM FORMATE	X		G	E	X	E	X		
ALUMINIUM HYDROXIDE	E	G	E	E	E	E	E	E	E
ALUMINIUM NITRATE	E	E	E	E	E	E	E		
ALUMINIUM SULFATE	E	G	A	E	E	G	E	E	E
AMINES-MIXED	C	G		G	X	C	X		
AMINOBENZENE	X	X	E	C	X	X	C	E	E
AMINODIMETHILBENZENE	X		G	C	C	X	F		
AMINOETHANE	C	X	G	E	C	C	F	E	E
AMINOXYLENE	X		G	E	C	X	X		
AMMONIUM CARBONATE	E	E	E	E	C	E	C		
AMMONIUM CHLORIDE	E	E	E	E	G	E	E	E	E
AMMONIUM HYDROXIDE	G	X	G	E	C	E	E	E	E
AMMONIUM NITRATE	E	E	E	E	E	E	E	E	E
AMMONIUM PHOSPHATE, DIBASIC	E	E	E	E	E	E	E	E	E
AMMONIUM SULFATE	E	G	E	E	E	E	E	E	E
AMMONIUM SULFIDE	E	G	E	E	C	E	E	E	E
AMMONIUM THIOSULFATE	E		E	E	C	E	E		
AMYL ACETATE	C	X	G	C	X	X	X	E	E
AMYL ACETONE	X		G	G	X	X	X		
AMYL ALCOHOL	C	G	E	E	C	C	E	E	E
AMYL BROMIDE	X		X	C	X	X	X		
AMYL CHLORIDE	X	X	X	X	X	X	X	E	E

CHEMICAL OR MATERIAL CONVEYED	COMPOUND								
	NR	SBR	IIR	EPDM	NBR	CR	CSM	XLPE	UPE
AMYL ETHER	X		X	X	C	X	F		
AMYLAMINE	F		G	X	F	C	F		
ANETHOLE	X		X	X	X	X	X		
ANILINE	X	X	E	C	X	X	C	E	E
ANILINE DYES	C	G	G	C	X	C	G	E	E
ANILINE OIL	X	X	G	C	X	X	C	E	E
ANIMAL FATS	X	X	C	C	E	C	F	E	E
ANTIMONY PENTACHLORIDE	X			C	X	C	X	E	E
AQUA REGIA	X	X	C	C	X	X	C	X	X
ARGON	X	C	G	E	E	G	X		
ARSENIC ACID	E	E	E	E	E	E	E	E	E
ASPHALT	X	X	X	X	C	C	F	E	E
ASTM FUEL A	X	X	X	X	E	C	C		
ASTM FUEL B	X	X	X	X	C	X	X		
ASTM FUEL C	X	X	X	X	C	X	X		
ASTM OIL NO.1	X	X	X	X	E	E	C	E	E
ASTM OIL NO.2	X	X	X	X	E	C	X	E	E
ASTM OIL NO.3	X	X	X	X	E	C	C	E	E
ASTM OIL NO.4	X	X	X	X	C	X	X		
AUTOMATIC TRASMISSION FLUID	X	X	X	X	E	C	C		
BANANA OIL	X		C	C	X	X	C		
BARIUM CHLORIDE	E	E	E	E	E	E	E	E	E
BARIUM HYDROXIDE	E	E	E	E	E	E	E	E	E
BARIUM SULPHIDE	E	G	E	E	E	E	E	E	E
BEER	E	E	E	E	E	E	E	E	E
BEET SUGAR LIQUORS	E	E	E	E	E	C	E	E	E
BENZAL CHLORIDE			G		X				
BENZALDEHYDE	X	X	G	E	X	X	X	E	E
BENZENE	X	X	X	C	X	C	C	E	F
BENZENE CARBOXYLIC ACID	X		E	C	X	E	C		
BENZINE		X	X	X	E	C	C	E	E
BENZOIC ACID	X	X	C	C	X	E	C		
BENZOL	X	X	X	C	X	C	C	E	F
BENZOTRICHLORIDE	X			E	X	X	X		
BENZYL ACETATE	X		E	E	X	E	G		
BENZYL ALCOHOL	X	X	E	C	X	C	C		
BENZYL CHLORIDE	X	X	X	X	X	X	X		
BENZYL ETHER	X	X	G	C	X	X	X		
BLACK SULFATE LIQUOR	G	G	G	G	G	G	G	E	E
BLEACH	C	X	E	E	X	C	E	G	F
BORAX SOLUTION	C	G	E	E	C	E	E	E	E
BORIC ACID	E	E	E	E	E	E	E	E	E
BRAKE FLUID (HD-557)12 DAYS	X	E	E	E	C	C	C		
BRINE	E		E	E	E	E	E	E	E
BROMOBENZENE	X	X	X	X	X	X	X		
BROMOCHLOROMETANE	X		C	G	X	X	X	F	F
BROMOETHANE	C	X	C	X	C	X	X	E	E
BROMOTOLUENE	X		X		X		X		
BUNKER OIL	X	X	X	X	E	G	C		
BUTADIENE	X	X	X	X	X	X	G	E	E
BUTANE	X	X	X	X	E	E	C	E	E

CHEMICAL RESISTANCE CHART

Resistance Rating Key:

E - Excellent G - Good F - Fair C - Conditional X - Unsatisfactory BLANK - Insufficient Data

CHEMICAL OR MATERIAL CONVEYED	COMPOUND								
	NR	SBR	IIR	EPDM	NBR	CR	CSM	XLPE	UPE
BUTANOIC ACID	C		X	C	C	X	C		
BUTANOL	E	E	C	C	E	E	E	E	E
BUTANONE	X	X	E	E	X	X	X	E	E
BUTOXYETHANOL	X		C	E	C	X	G		
BUTYL ACETATE	X	X	C	C	X	X	X	E	E
BUTYL ACRYLATE	X	X	X	C	X	X	X	E	E
BUTYL ALCOHOL	E	E	C	C	E	E	E	E	E
BUTYL ALDEHYDE	X	X	C	C	X	X	X	E	E
BUTYL BENZYL PHTHALATE	X		E	E	X	E	X	E	E
BUTYL CARBITOL	X	X	E	E	X	X	C		
BUTYL CELLOSOLVE	X	X	C	C	C	X	G	E	E
BUTYL CHLORIDE	X		F	X	X	X	X		
BUTYL ETHER	X	X	C	C	X	C	X	E	E
BUTYL ETHER ACETALDEHYDE	X		G	X	X	X	X		
BUTYL ETHYL ETHER	X		X	F	G	X	C		
BUTYL OLEATE	X	X	C	C	X	X	X		
BUTYL PHTHALATE	X	X	G	E	X	X	X	E	E
BUTYL STEARATE	X	X	C	X	C	X	X	E	E
BUTYLENE	X	X	X	X	C	C	C		
BUTYRALDEHYDE	X	X	C	C	X	X	X	E	E
BUTYRIC ACID	C	X	X	C	C	X	C	E	E
BUTYRIC ANHYDRIDE	F		F	E	C	G	G		
CADMIUM ACETATE	X		E		X		E		
CALCIUM ALUMINATE	E		E		E		E		
CALCIUM BICHROMATE			E	E	C	E	F		
CALCIUM BISULFIDE	X	G	X	E	C	E	F		
CALCIUM CHLORIDE	E	E	E	E	E	E	E	E	E
CALCIUM HYDROXIDE	E	E	E	E	E	E	E	E	E
CALCIUM HYPOCHLORITE	C	X	E	E	C	C	E	E	E
CALCIUM NITRATE	E	E	E	E	E	E	E		
CALCIUM SULFIDE	C	X	E	E	E	E	E		
CALCIUM ACETATE	E	X	E	E	C	C	C		
CAPRYLIC ACID	C		F		F		G		
CARBAMIDE	E		E	E	G	G	E	E	E
CARBITOL	C	E	C	C	C	C	C	E	E
CARBOLIC ACID PHENOL	C		C				C		
CARBON DIOXIDE	G	G	E	G	E	G	E	E	E
CARBON DISULFIDE	X		X	X	X	X	X	C	C
CARBON MONOXIDE	C	G	E	E	E	C	C	E	E
CARBON TETRACHLORIDE	X		X	X	X	X	X	E	E
CARBONIC ACID	E	G	E	E	C	E	E	E	E
CASTOR OIL	E	E	C	C	E	E	E	E	E
CAUSTIC SODA	E	E	E	G	C	G	E	E	E
CELLOSOLVE ACETATE	C	X	C	G	X	X	X	E	E
CELLUGUARD	E	E	E	E	E	E	E		
CETYLIC ACID	C	G	C	C	E	G	C	E	E
CHINA WOOD OIL	X	X	C	X	E	C	C	E	E
CHLORINATED SOLVENTS	X	X	X	X	X	X	X	E	E
CHLORO-2-PROPANONE	X		C				X		
CHLOROACETIC ACID	X	X	C	C	X	X	G	E	E
CHLOROACETONE	X	X	C	E	X	X	X	E	E
CHLOROBENZENE	X	X	X	X	X	X	X	E	E
CHLOROBUTANE	X		F	X	X	X	X		
CHLORODANE	X	X	X	X	C	C	C		
CHLOROETHYL BENZENE	X		X	X	C	X	X		
CHLOROFORM	X	X	X	X	X	X	X	F	F
CHLOROPENTANE	X		X	X	X	X	X		

CHEMICAL OR MATERIAL CONVEYED	COMPOUND								
	NR	SBR	IIR	EPDM	NBR	CR	CSM	XLPE	UPE
CHLOROSULFONIC ACID	X	X	X	X	X	X	X	F	X
CHLOROTOLUENE	X	X	X	X	X	X	X		
CHLOROX	X	X	C	G	C	C	C		
CHROME PLATING SOLUTIONS	X	X	C	C	X	X	X		
CHROMIC ACID	C	X	C	C	X	X	E	E	E
CHROMIUM TRIOXIDE	X	X	G	C	X	X	E		
CINNAMENE	X	X	X	X	C	X	X		
CIS-9-OCTADECENOIC ACID	X	X	X	C	G	C	C	E	E
CITRIC ACID	E	E	E	E	E	E	E	E	E
COAL TAR OIL	X	X	X	X	E	G	F	E	E
COAL TAR	X	X	X	X	C	C	C	E	E
COAL TAR NAPHTHA	X		X	X	X	X	X	E	E
COCONUT OIL	X	X	C	C	E	C	C	E	E
COKE OVEN GAS	C	X	C	X	X	X	C	E	E
COOLANOL	X	X	X	X	E	C	C		
COPPER CHLORIDE	E	E	E	E	E	C	C	E	E
COPPER CYANIDE	E	E	E	E	E	E	E	E	E
COPPER HYDRATE	F		E		G		G		
COPPER HYDROXIDE	F		E		G		G		
COPPER SULFATE	C	G	C	E	E	E	E	E	E
CORN OIL	X	X	C	C	E	C	C	E	E
COTTONSEED OIL	X	X	C	C	E	C	C	E	E
CREOSOTE	X	X	X	X	C	C	X	E	E
CRESOLS	X	X	X	X	X	X	X	E	E
CRESYLIC ACID	X	X	X	X	X	X	X	E	E
CROTONALDEHYDE	X	F	E	E	X	X	X	E	E
CRUDE OIL	X	X	X	X	C	C	C	E	E
CUMENE	X	X	X	X	X	X	X		
CUPRIC HYDROXIDE	F		E		G		G		
CUPRIC NITRATE	G		E	C	C	E	E	E	E
CUPRIC SULFATE	C	G	C	E	E	E	E	E	E
CUTTING OIL	C	X	X	X	E	C	C		
CYCLOHEXANE	X	X	X	X	E	X	C	E	E
CYCLOHEXANOL	C	X	X	X	G	C	C	E	E
CYCLOHEXANONE	X	X	C	C	X	X	X	E	E
CYCLOPENTANE	X		X	X	G	C	X		
CYCLOPENTANONE	X		X		X		X		
CYCLOPENTIL ALCOHOL				C	X	F			
D-FURALDEHYDE	X		C	E	G	F	C		
DDT IN KEROSENE	X	X	X	X	E	C	C		
DECAHYDRONAPHTHALENE	X	E	X	X	X	X	X	E	E
DECALIN	X	E	X	X	X	X	X	E	E
DECYL ALCOHOL	X		X	X	E	X	C		
DECYL ALDEHYDE	X		F	X	X		X		
DECYL BUTYL PHTHALATE	X		E		X		X		
DETERGENT, WATER SOLUTION	E	G	E	E	E	C	C	E	E
DEVELOPING FLUID	E	G	C	C	E	E	E		
DEXTRON	X	X	X	X	E	C	X		
DI (2ETHYLHEXYL) ADIPATE	X		E	G	X	X	X	G	G
DI (2ETHYLHEXYL) PHTHALATE	X	X	C	C	X	X	X	E	E
DI-ISO-BUTYLENE	X	X	X	X	C	C	X	E	
DI-ISO-DECYL PHTHALATE	X		E	E	X	X	X		
DI-ISO-PROPANOLAMINE	G		E	E	G	G	F		
DI-ISO-PROPYL ETHER	X		X	X	G	C	C	E	E
DI-ISO-PROPYL KETONE	X	X	E	E	X	X	X	E	
DI-P-MENTHA-1,8-DIENE	X		X	X	C	X	X		
DIACETONE ALCOHOL	X	X	E	E	X	F	C	E	E

CHEMICAL RESISTANCE CHART

Resistance Rating Key:

E - Excellent G - Good F - Fair C - Conditional X - Unsatisfactory BLANK - Insufficient Data

CHEMICAL OR MATERIAL CONVEYED	COMPOUND								
	NR	SBR	IIR	EPDM	NBR	CR	CSM	XLPE	UPE
DIACETYLMETHANE		X	E	E	X	X	X		
DIAMMONIUM ORTHOPHOSPHATE				E	E	E			
DIAMYL NAPHTHALENE	X		E				X	E	E
DIAMYLAMINE	G	X	E	E	G	C	C		
DIAMYLENE	X		X	X		X	X		
DIAMYLPHENOL	X		X		X		X	E	E
DIBENZYL ETHER	X	X	C	C	X	X	X		
DIBROMOBENZENE	X		X	X	X	X	X		
DIBROMOMETHANE	X		X	C	X	X	X		
DIBUTYL ETHER	X	X	C	C	X	C	X	E	E
DIBUTYL PHTHALATE	X	X	C	C	X	X	X	E	E
DIBUTYL SEBACATE	X	X	C	C	X	X	X	E	E
DIBUTYLAMINE	X	X	X	F	X	C	C		
DICALCIUM PHOSPHATE	E		E	E	E	E	E		
DICHLOROETHYLENE	X		C	C	X	X	X	F	F
DICHLOROACETIC ACID	X	X	C	X	X	X	X	E	E
DICHLOROBENZENE	X	X	X	X	X	X	X		
DICHLOROBUTANE	X	X	X	X	C	X	X		
DICHLORODIFLUOROMETHANE	C	E	C	C	C	C	C	E	G
DICHLOROETHANE	X	X	C	X	X	X	X	E	E
DICHLOROETHYL ETHER	X		X	X	X	X	X		
DICHLOROHEXANE	X		X	X	X	X	X		
DICHLOROMETHANE	X	X	X	X	X	X	X		
DICHLOROPENTANE	X	X	X	X	X	X	X		
DICHLOROPROPANE	X		X	X	F	X	X	G	G
DICHLOROPROPENE	X		X	X	C	X	X	G	G
DIESEL OIL	X	X	X	X	E	C	C	E	E
DIETHANOL AMINE	G	X	E	G	C	G	F		
DIETHYLBENZENE	X	X	X				X		
DIETHYL ETHER	X	X	X	X	X	X	X	E	E
DIETHYL KETONE	X		G	G	X	X	X	E	E
DIETHYL OXALATE	F		X	X	X	X	X		
DIETHYL PHTHALATE	X		X	F	X	X	X	E	E
DIETHYL SEBACATE	X	X	G	F	C	X	F		
DIETHYL SULFATE	X	E	C	E	X	E	X		
DIETHYL AMINE	C	G	C	C	C	C	C	E	E
DIETHYLENE GLYCOL	E	E	E	E	E	E	E	E	E
DIETHYLENE OXIDE	X		X	E	X	X	X		
DIETHYLENETRIAMINE	G	X	E	E	G	X	F		
DIHYDROXY SUCCINIC ACID	E		G	G	G	G	E		
DIHYDROXYDIETHYL ETHER	E		E	E	E	E	E	E	E
DIISOBUTYL KETONE	X	X	G	E	X	X	X	E	E
DIISODECYL PHTHALATE	X		E	E	X	X	X	E	E
DIISOOCTYL ADIPATE	X		E	E	X	X	X		
DIISOOCTYL PHTHALATE	X		E	G	X	X	X	E	E
DIMETHYL CARBINOL	E		E	E	C	G	E	E	E
DIMETHYL KETONE	C	F	E	E	X	C	X	E	E
DIMETHYL PHTHALATE	X	X	C	C	X	X	X	E	E
DIMETHYL SULFATE	X		G	X	X	X	X	E	E
DIMETHYL SULFIDE	X		F	X	X	X	X		
DIMETHYLAMINE	G	X	G	E	F	X	X	E	E
DIMETHYLANILINE	X	X	G	E	X	X	X		
DIMETHYLBENZENE	X	X	X	X	X	X	X		
DIMETHYLBUTANE	X		X				X		
DIOXANE	X	X	C	C	X	X	X	E	E
DIPENTENE	X	X	X	X	C	X	X		
DIPENTYLAMINE	G	X	E	E	G	C	C		

CHEMICAL OR MATERIAL CONVEYED	COMPOUND								
	NR	SBR	IIR	EPDM	NBR	CR	CSM	XLPE	UPE
DIPROPYLENE GLYCOL	E		E	E	E	E	E		
DISODIUM PHOSPHATE	E		E	E	E	E	E		
DIVINYL BENZENE	X	X	X	X	X	X	X		
DOWTHERMN, A AND E	X	X	X	X	X	X	C		
DRY CLEANING FLUIDS	X	X	X	X	C	X	X		
ETHANOIC ACID		G		C	C	C		E	E
ETHANOL	E	E	E	E	C	E	E	E	E
ETHANOLAMINE	C	X	C	E	C	C	C		
ETHERS	X	X	X	X	F	X	X	E	E
ETHYL ACETATE	X	X	C	C	X	X	X	E	E
ETHYL ACETOACETATE	C	F	C	C	X	X	X		
ETHYL ACETONE	X		G	G	X	X	X		
ETHYL ACRYLATE	X	X	C	C	X	X	X		
ETHYL ALCOHOL	E	E	E	E	C	E	E	E	E
ETHYL ALDEHYDE	C		E	E	X	X	F	E	E
ETHYL ALUMINIUM DICHLORIDE	X		X		X		X		
ETHYL BENZENE	X	X	X	X	X	X	X	E	E
ETHYL BROMIDE	C	X	X	X	C	X	X	E	E
ETHYL BUTYL ACETATE	X		E		X		G		
ETHYL BUTYL ALCOHOL	E		E				E		
ETHYL CELLULOSE	C	G	C	C	C	C	C	E	E
ETHYL CHLORIDE	C	G	E	C	E	X	C	E	E
ETHYL DICHLORIDE	X	X	F	X	X	X	X	E	E
ETHYL ETHER	X	X	X	X	X	X	X	E	E
ETHYL FORMATE	X	X	C	C	X	C	C		
ETHYL IODIDE	X		F	F	X	X	X	E	E
ETHYL OXALATE	E	X	X	E	X	X	X		
ETHYL PHTHALATE	X		X	F	X	X	X	E	E
ETHYL SILICATE	C	G	E	E	E	E	C		
ETHYL-N-BUTYL KETONE	X		G	G	X	X	X		
ETHYL-1-BUTANOL	E		E	E	E	E	E		
ETHYLAMINE	C	X	C	E	C	C	F		
ETHYLENE CHLOROHYDRIN	C	G	C	C	X	C	C		
ETHYLENE DIAMINE	C	G	E	E	C	E	C	E	E
ETHYLENE DIBROMIDE	X	X	C	C	X	X	X	F	F
ETHYLENE DICHLORIDE	X	X	C	X	X	X	X	F	F
ETHYLENE GLYCOL MONOBUTYL ETHER	X	X	E	E	F	X	C	E	E
ETHYLENE GLYCOL MONOETHYL ETHER	X		C	C	C	X	X	E	E
ETHYLENE GLYCOL	E	E	E	E	E	E	E	E	E
ETHYLENE OXIDE	X	X	C	C	X	X	X	E	E
FATTY ACIDS	X	X	C	X	C	C	C	E	G
FERRIC BROMIDE	E		E		E		E		
FERRIC CHLORIDE	E	E	E	E	E	C	C		E
FERRIC NITRATE	E	E	E	E	E	E	E		E
FERRIC SULFATE	E	E	E	E	E	E	E		E
FERROUS ACETATE	X		E	G	X	X	E		
FERROUS CHLORIDE	E		E	E	E	E	E		E
FERROUS SULFATE	E	E	E	E	E	E	E		E
FLUOROBORIC ACID	E	E	C	E	E	E	E	E	E
FLUORINE	X		X	E	X	X	X	G	G
FLUOROSILICIC ACID	E	G	E	E	E	E	E	E	E
FORMALDEHYDE	C	G	C	C	C	C	C	E	E
FORMALIN	C	G	C	E	G	G	C	E	E
FORMIC ACID	C	E	E	E	C	C	E	E	E
FREON 113	C	G	X	X	E	E	C		
FREON 12	X	E	X	C	C	C	E	F	G
FREON 22	C	E	C	C	X	E	E	F	E

CHEMICAL RESISTANCE CHART

Resistance Rating Key:

E - Excellent G - Good F - Fair C - Conditional X - Unsatisfactory BLANK - Insufficient Data

CHEMICAL OR MATERIAL CONVEYED	COMPOUND								
	NR	SBR	IIR	EPDM	NBR	CR	CSM	XLPE	UPE
FUEL A	X		X	X	E	C	C		
FUEL B	X		X	X	C	X	X		
FUEL OIL	X	X	X	X	E	C	C	E	E
FURAN	X	X	X	X	X	X	X	E	E
FURFURAL	X	X	C	C	X	X	C	E	E
FUEL A (ASTM)	X	X	X	X	E	C	X		
FUEL B (ASTM)	X	X	X	X	C	X	X		
FURFURAN	X	X	X	X	X	X	X	E	E
FURFURYL ALCOHOL	X	X	C	C	X	X	X	E	E
GALLIC ACID	E	G	C	C	C	C	C	E	E
GALLOTANNIC ACID	E		G	E		E	E		
GASOLINE	C	X	C	X	E	X	C	E	E
GLACIAL ACRYLIC ACID	X		X	X	X	X	G		
GLUCONIC ACID	X		F	E	C	E	G		
GLUCOSE	E	E	E	E	E	C	E	E	E
GLYCERINE	E	E	E	E	E	E	E	E	E
GLYCEROL	E	E	E	E	E	E	E	E	E
GLYCOGENIC ACID	X		F	E	F	E	G		
GLYCOLS	E	E	E	E	E	E	E	E	E
GLYCONIC ACID	X		F	E	F	E	G		
GREASE	X	X	X	X	E	F	C		
GREEN SULPHATE LIQUOR	C	G	E	E	C	C	G		
HELIUM	E	E	E	E	E	E	E		
HEPTALDEHYDE	X	X	C	C	E	C	X		
HEPTANAL	X	X	C	C	E	C	X		
HEPTANE	X	X	X	X	E	C	C		E
HEPTANOIC ACID	X		X	X	E	C	C		
HEXADECANOIC ACID	E	G	G	G	E	X	X	E	E
HEXALDEHYDE	X	X	C	C	X	C	C	E	E
HEXANE	X	X	X	X	E	C	C	E	E
HEXANOL	E	E	C	C	C	C	C	E	E
HEXENE	X	X	X	X	C	C	C		
HEXYL ALCOHOL	E	E	C	C	C	C	C	E	E
HEXYL METHYL KETONE	X		G	G	X	C	X		
HEXYLAMINE	F		G	G	F	G	F		
HEXYLENE GLYCOL	E		E	F	C	E	E		
HISTOWAX	X		X				C		
HYDRAULIC & MOTOR OIL	X	X	C	C	C	C	C	E	E
HYDRAZINE	C	G	C	E	C	C	C		
HYDROBROMIC ACID	E	X	E	E	X	C	E	E	E
HYDROCHLORIC ACID	C	X	C	C	C	C	C	C	C
HYDROCYANIC ACID	C	G	C	E	C	C	E		
HYDROFLUORIC ACID	C	X	C	C	C	C	E	E	E
HYDROFLUOSILICIC ACID	E	G	E	E	X	C	E	E	E
HYDROGEN CHLORIDE ANHYDROUS	X	X	E	E	X	C	E		
HYDROGEN DIOXIDE	G		G	G	F	F	C		
HYDROGEN GAS	C	G	E	E	E	E	E	E	E
HYDROGEN PEROXIDE OVER 10%	C	X	C	C	X	X	C	C	F
HYDROGEN PEROXIDE 10%	G	X	G	G	F	F	C	E	E
HYDROGEN SULFIDE	X	X	E	E	X	E	G	E	E
HYDROXY BENZENE	C		C	C	X	X	C		
HYDROXYISOBUTYRONIRILE	C		E	E	C	G	F		
HYDROXYTOLUENE	X	X	C	C	X	C	C		
IMINODI-2-PROPANOL	G		E	E	G	G	F		
IMINODIETHANOL	C	X	C	G	C	G	F		
IODINE	X	G	C	C	C	C	C	E	E
IODINE PENTAFLUORIDE	X	X	X	X	X	X	X		

CHEMICAL OR MATERIAL CONVEYED	COMPOUND								
	NR	SBR	IIR	EPDM	NBR	CR	CSM	XLPE	UPE
IODOFORM	X		X	E	E	X	X		
ISO-BUTANAL	X	G		G	X	F		E	E
ISO-BUTYLAMINE	F		E	G	X	X	F		
ISO-BUTYLBROMIDE	X		X	X	X	X	X		
ISO-BUTYLCARBINOL	X		E	E	E	E	E		
ISOCYANATES	F		G	G	C	X	F	E	E
ISOOCTANE	X	X	X	X	E	C	C	E	E
ISOPROPYL ACETATE	X	X	C	C	X	X	X	E	E
ISOPROPYL ALCOHOL	E	E	E	E	C	C	E	E	E
ISOPROPYL ETHER	X	X	X	X	G	X	C	E	E
JET FUELS	X	X	X	X	C	C	X	E	E
JP-4 OIL	X	X	X	X	E	X	X		
KEROSENE	X	X	X	X	E	C	C	E	E
KETONES	C	E	G	E	C	C	C	E	E
LACQUER SOLVENTS	X		X	X	X	X	X	E	E
LACTIC ACID - COLD	E	G	E	C	C	C	E	G	G
LACTIC ACID - HOT	E	X	E	C	C	C	E	G	G
LARD	X	X	C	C	E	C	C	E	E
LAVENDER OIL	X	X	X	X	C	X	X		
LEAD ACETATE	E	X	E	E	C	C	X	E	E
LEAD NITRATE	E	E	E	E	E	E	E		
LEAD SULFATE	E		E	E	E	E	E	E	E
LIME	E		E	E	G	G	G	E	E
LIME BLEACH	C	E	E	E	C	C	E		
LIME SULFUR	C	X	E	E	E	E	E	E	E
LIMONENE	X		X	X	C	X	X		
LINOLEIC ACID	X	X	X	X	C	C	X		
LINSEED OIL	X	X	C	C	E	C	C	E	E
LIQUID PETROLEUM GAS	X	X	X	X	E	G	C	E	E
LUBRICATING OIL	X	X	X	X	C	C	C	E	E
LYE SOLUTIONS	E	G	E	G	C	G	E		
MEK	X	X	E	E	X	X	X	E	E
MAGNESIUM ACETATE	X	X	E	G	X	X	E		
MAGNESIUM CHLORIDE	E	E	E	E	E	E	E	E	E
MAGNESIUM HYDRATE	C	G	E	E	C	C	E	E	E
MAGNESIUM HYDROXYDE	C	G	E	E	C	C	E	E	E
MAGNESIUM SULFATE	C	G	E	E	E	E	E	E	E
MALEIC ACID	X	X	X	C	X	X	X	E	E
MALEIC ANHYDRIDE	X	X	C	C	X	X	X		
MALIC ACID	E	G	X	C	E	C	C	C	C
MANGANOUS SULFATE	G		G	E	E	E	E		
MERCURY	E	E	E	E	E	E	E	E	E
MERCURY VAPORS	G	E	E	E	E	G	E		
MESITYL OXIDE	X	X	F	C	X	X	X		
METHALLYL ALCOHOL	E		E	E	E	E	E		
METHALLYL CHLORIDE	X		X			X	X		
METHANE CARBOXYLIC ACID see Acetic Acid								E	E
METHANOIC ACID	C	E	E	E	G	E	E	E	E
METHANOL	E	E	C	E	C	E	E	E	E
METHOXY ETHANOL	E		E	E	C	E	E	E	E
METHYL ACETATE	C	X	C	C	X	C	X		
METHYL ACETOACETATE	X	X	C	C	X	X	X		
METHYL ACETONE	X	X	E	E	X	X	X	E	E
METHYL ALLYL CHLORIDE	X		X			X	X		
METHYL AMYL CARBINOL	G		G	E	E	G	E		
METHYL BENZENE	X	X	X	X	X	X	X	F	F
METHYL BROMIDE	X	X	C	X	C	X	X	F	F

CHEMICAL RESISTANCE CHART

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CHEMICAL OR MATERIAL CONVEYED	COMPOUND								
	NR	SBR	IIR	EPDM	NBR	CR	CSM	XLPE	UPE
METHYL BUTANE	X		X	X	E	X	X		
METHYL BUTYL KETONE	X	X	E	E	X	X	X	E	E
METHYL CARBITOL				G	F	F			
METHYL CELLOSOLVE	X	X	C	C	C	C	C	E	E
METHYL CHLORIDE	X	X	C	C	X	X	X	F	F
METHYL CYANIDE	G		E	E	C	E	G		
METHYL ETHYL KETONE	X	X	E	E	X	X	X	E	E
METHYL HEXANOL	E		E	E	E	E	E		
METHYL METHACRILATE	X	X	X	X	X	X	X	E	E
METHYL NORMAL AMYL KETONE	X			E	C	E	X		
METHYL PROPYL ETHER	X		X	X	X	X	C		
METHYL SALYCILATE	X		C	C	X	X	X	E	E
METHYL STYRENE	X		X	X	X	X	X		
METHYL SULFIDE	X		F	X	X	X	X		
METHYL-ISO-AMYL-KETONE	X		G				X		
METHYL-2-BUTANONE	X	X	C	C	X	X	X		
METHYL-2-HEXANONE	X		G				X		
METHYL-2-PENTANOL	G		E	E	G	G	E		
METHYL-2-PENTANONE	X		C	C	X	X	X		
METHYL-4-ISOPROPYL BENZENE	X		X	X	X	X	X		
METHYL AMYL ACETATE	X						X		
METHYL AMYL ALCOHOL	G		E	E	G	G	E		
METHYLCYCLOHEXANE	X		X	X	X	X	C		
METHYLENE BROMIDE	X		X	X	C	X	X	E	E
METHYLENE CHLORIDE	X	X	X	C	X	X	X	F	F
METHYLETHYL KETONE	X	X	E	E	X	X	X		
METHYL HEXYL KETONE	X		G	G	X	C	X	E	
METHYL ISOBUTYL CARBINOL	G		E	C	X	X	E		
METHYLISOBUTYL KETONE	X	X	C	C	X	X	X	E	E
METHYLISOPROPYL KETONE	X	X	C	C	X	X	X		
METHYLLACTONITRILE	F		E	E	X	G	F		
METHYLPROPYL CARBINOL	E		E		E		E		
METHYLPROPYL KETONE	X		G	G	X	X	X	E	E
MIL-A-6091	E		E	E	C	E	E		
MIL-C-4339	X		X	X	E	X	X		
MIL-C-7024	X		X	X	E	C	X		
MIL-E-9500	E	E	E	E	E	E	E		
MIL-F-16884	X	X	X	X	E	C	C		
MIL-F-17111	X	X	X	X	E	C	X		
MIL-F-25558	X	X	X	X	E	C	C		
MIL-G-10924	X	X	X	X	E	C	C		
MIL-G-25013	C	X	X	E	E	C	C		
MIL-G-25537	X	X	X	X	E	C	C		
MIL-G-3545	X		X	X	E	C	C		
MIL-G-5572	X	X	X	X	E	X	X		
MIL-G-7711	X	X	X	X	E	X	X		
MIL-H-05606	X		X	C	E	C	C		
MIL-H-13910	E	E	G	E	E	E	G		
MIL-H-19457	X	X	E	C	X	X	X		
MIL-H-22251		G	E	E	C	C	C		
MIL-H-27601	X		X	X	G	C	C		
MIL-H-5606	X		X	C	E	C	C		
MIL-H-6083	C	X	X	X	E	E	C		
MIL-H-8446	X	X	X	X	G	E	C		
MIL-J-5161	X	X	X	X	C	X	X		
MIL-J-5624	X	X	X	X	E	X	X		
MIL-L-15016	X	X	X				C		

CHEMICAL OR MATERIAL CONVEYED	COMPOUND								
	NR	SBR	IIR	EPDM	NBR	CR	CSM	XLPE	UPE
MIL-L-17331	X	X	X				G		
MIL-L-2104	X		X	X	E	C	C		
MIL-L-21260	X	X	X	X	E	C	C		
MIL-L-23699	X	X	X	X	C	C	C		
MIL-L-25681	C	G	E	E	C	C	C		
MIL-L-3150	X	X	X	X	E	C	C		
MIL-L-4343		X							
MIL-L-6082		X							
MIL-L-6085	X	X	X	X	C	X	X		
MIL-L-7808	X	X	X	X	G	X	X		
MIL-L-7870	X	X	X	X	E	C	X		
MIL-L-9000	X	X	X	X	E	C	C		
MIL-L-9236	X	X	X	X	C	X	X		
MIL-P-27402		G	E	E	C	C	C		
MIL-R-25576	X		X				C		
MIL-S-3136 TYPE 1 FUEL	X	X	X	X	E	C	C		
MIL-S-3136 TYPE 2 FUEL	X	X	X	X	C	X	X		
MIL-S-3136 TYPE 3 FUEL	X	X	X	X	G	X	X		
MIL-S-3136 TYPE 4 OIL, LOWSWELL	X	X	X	X	E	X	C		
MIL-S-3136 TYPE 5 OIL, MEDSWELL	X	X	X	X	E	G	G		
MIL-S-3136 TYPE 6 OIL, HI SWELL	X	X	X	X	E	X	C		
MIL-S-81087	E	E	E	E	E	E	E		
MINERAL OIL	X	X	C	X	E	C	C	E	E
MINERAL SPIRITS	X	X	X	X	C	C	G		
MOBILE HF A	X	X	X	X	E	C	X		
MOLTEN SULFUR	G		G	E	G	E	E		
MONO-CHLOROACETIC ACID	C	X	G	G	X	C	G	E	E
MONOBUTYL ETHER	X	X	C	C	G	C	C		
MONOCHLOROBENZENE	X	X	X	X	X	X	X	F	F
MONOCHLORODIFLUOROMETHANE	C	E	C	C	X	C	E	E	E
MONOETHANOL AMINE	C	G	C	C	G	G	C		
MONOETHYL AMINE	C	F	C	E	C	C	F		
MORPHOLINE	X		C	C	X	X	X		
MOTOR OIL, 40W	X		X	X	E	C	C		
MTBE			G		X	X			
MURIATIC ACID	C	X	C	F	C	C	C		
N-BUTANAL	X	X	C	C	X	X	X	E	E
N-BUTYLAMINE	X	X	C	C	C	X	X		
N-BUTYLBENZENE	X		X	X	X	X	X		
N-BUTYLBROMIDE	X		X	X	X	X	X		
N-BUTYLBUTYRATE	X	X	E	E	X	X	X		
N-BUTYLCARBINOL	E		E	E	E	E	E	E	E
N-NONYL ALCOHOL	E		E	E	E	E	E		
N-OCTANE	X	X	X	X	C	G	X	E	E
NAPHTHA	X	X	X	X	C	X	C	E	E
NAPHTHALENE	X	X	X	X	X	X	X	E	E
NAPHTHENIC ACID	X	X	X	X	C	X	X		
NATURAL GAS	C	F	X	X	E	E	E	E	E
NEOHEXANE	X		X	X	E	G	X		
NEON GAS	E	E	E	E	E	E	E		
NEU-TRI	X		X		X		X		
NICKEL ACETATE	E	X	E	E	C	G	X		
NICKEL CHLORIDE	E	E	E	E	E	C	E	E	E
NICKEL NITRATE	E		E	E	E	E	E	E	E
NICKEL SULFATE	C	G	E	E	E	E	E	E	E
NITRIC ACID, CONC	X		X	X	X	X	X		
NITRIC ACID, RED FUMING	X	X	X	X	X	X	X	X	X

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CHEMICAL OR MATERIAL CONVEYED	COMPOUND								
	NR	SBR	IIR	EPDM	NBR	CR	CSM	XLPE	UPE
NITRIC ACID, 10%	X	X	E	E	X	G	E	E	E
NITRIC ACID, 13N	X				X	X			
NITRIC ACID, 13N +5%	X				X	X			
NITRIC ACID, 20%	X	X	G	E	X	X	E	E	E
NITRIC ACID, 30%	X	X	F	F	X	X	E	G	G
NITRIC ACID, 30% - 70%	X	X	F	X	X	X	C	F	F
NITRILOTRIETHANOL	C	G	E	E	F	C	C	E	E
NITROBENZENE	X	X	F	C	X	X	X	E	E
NITROETHANE	G	G	G	C	X	C	G		
NITROGEN	E	E	E	E	E	E	E	E	E
NITROMETHANE	G	C	G	C	X	C	C		
NITROUS OXIDE GAS				E	E	G			
NONANOIC ACID	X		E		E		X	E	E
NONANOL	E		E	E	E	E	E		
OCTANOIC ACID	F		F		F		G		
OCTANOL	C	E	C	C	C	C	C		
OCTYL ACETATE	C	X	E	G	C	C	E	E	E
OCTYL ALCOHOL	C	E	C	C	C	C	C		
OCTYL ALDEHYDE	X		F		X		X	E	E
OCTYL AMINE	F		E	G	F	G	F		
OCTYL CARBINOL	E		E	E	E	E	E		
OCTYLENE GLYCOL	E		E	E	E	E	E		
OIL-PETROLEUM		X						G	G
OLEIC ACID	X	X	X	X	G	F	C	E	E
OLEUM	X	X	X	X	X	X	X	X	X
OLIVE OIL	X	X	C	G	E	G	C		
ORTHO-DICHLOROBENZENE	X	X	X	X	X	X	X		
ORTHO-DICHLOROBENZOL	X	X	X	X	X	X	X		
ORTHOXYLENE	X	X	X	X	X	X	X		
OXALIC ACID	C	G	E	E	G	G	E	E	E
OZONE	X	X	G	E	X	F	G	E	E
P-CYMENE	X		X	X	X	X	X		
PAINT THINNER	X	X	X	X	X	X	X		
PALMITIC ACID	C	G	C	C	E	G	C	E	E
PARA-DICHLOROBENZENE	X	X	X	X	X	X	X		
PARAFFIN WAX	X		X	X	E	G	E		
PARALDEHYDE	F		E	E	C	G	X		
PARAXYLENE	X		X	X	X	X	X		
PELARGONIC ALCOHOL	E		E	E	E	E	E	E	E
PENTACHLOROETHANE	X		X		X	X	X		
PENTAMETHYLENE	X		X	X	G	C	X		
PENTANE	X	X	X	X	E	E	C	E	E
PENTANOL	E		E				E	E	E
PENTANONE	X		G	G	X	X	X		
PENTASOL	X	G	E	G	C	G	E	E	E
PENTYL ACETATE	C	X	X	C	X	X	X	E	E
PENTYL ALCOHOL	C	G	C	E	C	C	E	E	E
PENTYL BROMIDE	X		X	C	X	X	X		
PENTYL CHLORIDE	X	X	X	X	X	X	X	E	E
PENTYL ETHER	X		X	X	C	X	F		
PENTYLAMINE	F		G	X	F	F	F		
PERCHLORIC ACID	C	X	C	G	X	E	C	E	E
PERCHLOROETHYLENE	X	X	X	X	F	X	X	E	E
PERCHLOROMETHANE	X		X	X	X	X	X		
PETROLEUM CRUDE	X	X	X	X	G	G	E	E	E
PETROLEUM ETHER	X	X	X	X	E	X	C		
PETROLEUM OILS	X	X	X	X	X	G	G	E	E

CHEMICAL OR MATERIAL CONVEYED	COMPOUND								
	NR	SBR	IIR	EPDM	NBR	CR	CSM	XLPE	UPE
PHENOL	C	X	C	X	X	X	C	E	E
PHENOLSULFONIC ACID	C	X	G	E	C	C	C		
PHENYLAMINE	X		E	C	X	X	C	E	E
PHENYLBROMIDE	X		X				X		
PHENYLMETHANE	X		X	X	X	X	X	E	E
PHENYLMETHANOL	X		E	C	X	C	C		
PHOSPHATE ESTERS	X	X	E	E	X	X	X		
PHOSPHORIC ACID 10%	E	E	E	E	E	E	E	E	E
PHOSFORIC ACID 10% - 85%	G	G	E	E	G	G	E	E	E
PHOSPHORUS TRICHLORIDE	X	X	E	E	X	X	X	E	E
PICRIC ACID, H20 SOLUTION	C	G	G	E	E	E	E		
PINE OIL	X	X	X	X	E	X	X	E	E
PINENE	X	X	X	X	C	C	X		
POLYETHYLENE GLYCOL E-400	E		E	E	C	G	E		
POLYOL ESTER				X	G	X			
POLYPROPYLENE GLYCOL	E		E		E	E	E	E	E
POTASSIUM ACETATE	E	X	E	E	C	E	E		
POTASSIUM BISULFATE	E	G	E	E	E	E	E		
POTASSIUM BISULFITE	E	G	E	E	E	E	E		
POTASSIUM CARBONATE	E	E	E	E	E	E	E	E	E
POTASSIUM CHLORIDE	E	E	E	E	E	E	G	E	E
POTASSIUM CHROMATE	G	G	E	E	G	E	F		
POTASSIUM CYANIDE	E	E	E	E	E	E	E	E	E
POTASSIUM DICHROMATE	C	G	E	E	E	E	G	E	E
POTASSIUM HYDRATE	C	G	E				E	E	E
POTASSIUM HYDROXYDE	C	G	E	E	G	G	E	E	E
POTASSIUM NITRATE	E	E	E	E	E	E	E	E	E
POTASSIUM PERMANGANATE, 5%	E	G	E	E	F	E	G	E	E
POTASSIUM SILICATE	E	E	E	E	E	E	E		
POTASSIUM SULFATE	C	G	E	E	E	E	E	E	E
POTASSIUM SULFIDE	G	G	E	E	C	E	E		
POTASSIUM SULFITE	C	G	E	E	E	E	C	E	E
PRESTONE ANTIFREEZE	E	E	E	E	E	E	E		
PRODUCER GAS	X	X	X	X	E	G	C		
PROPANE	X	X	X	X	E	E	C	E	E
PROPANEDIOL	E	E	E	E	E	G	E	E	E
PROPANETRIOL	E	E	E	E	E	E	E	E	E
PROPANOL	E	E	E	E	E	E	E	E	E
PROPANONE	C	G	E	E	X	X	C	E	E
PROPENOL	E		E				E		
PROPANEDIAMINE	G		E		G		F		
PROPENE NITRILE	G		X		X	X		E	E
PROPENYL ALCOHOL	E		E	E	E	E	E	E	E
PROPENYL ANISOLE	X		X		X		X	E	E
PROPIONIC ACID	E	X	E	E	C	C	G		
PROPIONITRILE	E		E	C	E	C			
PROPYL ACETATE	X	X	C	C	X	X	X	E	E
PROPYL ALCOHOL	E	E	E	E	E	E	E	E	E
PROPYL ALDEHYDE	F		G	G	X	X	X		
PROPYL BENZENE	X		X			X	X		
PROPYL CHLORIDE	X		F	F	X	F	X		
PROPYL NITRATE	X	X	C	C	X	X	X		
PROPYLENE	X	X	X	X	X	X	X		
PROPYLENE DIAMINE	G		E		G		F		
PROPYLENE GLYCOL	E	E	E	E	E	E	E	E	E
PYDRAUL, 'E' SERIES	X	X	C	C	X	X	X		
PYDRAULIC 'C'	X	X	X	X	X	X	X		

CHEMICAL RESISTANCE CHART

Resistance Rating Key:

E - Excellent G - Good F - Fair C - Conditional X - Unsatisfactory BLANK - Insufficient Data

CHEMICAL OR MATERIAL CONVEYED	COMPOUND								
	NR	SBR	IIR	EPDM	NBR	CR	CSM	XLPE	UPE
RED OIL	X	X	X	F	E	F	C	E	E
REFRIGERANT 11	X	X	X				E	E	E
REFRIGERANT 12	X	E	X				E	E	E
REFRIGERANT 22	C	E	X				E	E	E
RESORCINOL	E	G	E	G	C	A	G		
SAE NO. 10 OIL	X	X	X	X	E	C	X		
SAL AMMONIAC	E	E	E	E	E	E	E	E	E
SEA WATER	E	E	E	E	E	E	E	E	E
SEWAGE	G	G	G	G	E	C	E	E	E
SILICATE ESTERS	X	C	X	X	G	E	G		
SILICATE OF SODA	E	E	E	E	E	E	E		
SILICONE GREASE	E	E	E	E	E	E	E	E	E
SILICONE OIL	E	E	E	E	E	E	E	E	E
SILVER NITRATE	E	G	E	E	C	E	E	E	E
SKYDROL 500 TYPE 2	X	X	G	E	X	X	X		
SKYDROL 500B	X	X	G	E	X	X	X		
SKYDROL 500C	X	X	G	E	X	X	X		
SKYDROL 7000 TYPE 2	E	X	E	E	X	X	X		
SOAP SOLUTIONS	F	X	E	E	E	G	E	E	E
SODA ASH	E	X	E	E	E	E	E	E	E
SODA LIME	E		E	E	G	G	G		
SODA NITER	G	G	E	E	E	G	E	E	E
SODIUM ACETATE	F	X	F	E	G	C	G	E	E
SODIUM ALUMINATE	E	G	E	E	E	E	E		
SODIUM BICARBONATE	E	E	E	E	E	E	E	E	E
SODIUM BISULFATE	E	G	E	E	E	E	E	E	E
SODIUM BISULFITE	E	G	E	E	E	E	E	E	E
SODIUM BORATE	E	E	E	E	E	E	E	E	E
SODIUM CARBONATE	E	E	E	E	E	E	E	E	E
SODIUM CHLORIDE	E	E	E	E	E	E	E	E	E
SODIUM CYANIDE	E	E	E	E	E	E	E	E	E
SODIUM DICHROMATE	X	G	E	E	E	F	G		
SODIUM HYDRATE	E	G	E	E	X	G	C	E	E
SODIUM HYDROCHLORITE	F	G	G	G	F	F	E		
SODIUM HYDROXIDE	E	G	E	E	X	G	C	E	E
SODIUM HYPOCHLORITE	X	F	C	E	C	C	G	E	E
SODIUM METAPHOSPHATE	E	E	G	E	E	E	C	E	E
SODIUM NITRATE	G	G	E	E	C	G	E	E	E
SODIUM PERBORATE	G	G	E	E	C	G	E		
SODIUM PEROXIDE	C	G	E	E	C	G	G	E	E
SODIUM PHOSPHATE	E	E	E	E	E	G	E	E	E
SODIUM SILICATE	E	E	E	E	E	E	E	E	E
SODIUM SULFATE	C	G	E	E	E	E	E	E	E
SODIUM SULFIDE	G	G	E	E	E	E	E	E	E
SODIUM SULFITE	G	G	E	E	E	E	E	E	E
SODIUM THIOSULFATE	G		E	E	C	E	E	E	E
SOYBEAN OIL	X	X	G	C	E	E	G		
STANNIC CHLORIDE	E	E	E	E	E	G	E	E	E
STANNIC SULFIDE	E		E	E	E	E	E		
STANNOUS CHLORIDE	E	E	E	G	E	E	E	E	E
STANNOUS SULFIDE	E		E	E	E	E	E		
STEAM, BELOW 350 DEG F	C	X	G	E	X	X	C	X	X
STEARIC ACID	C	G	C	G	G	G	G	E	E
STODDARD SOLVENT	X	X	X	X	E	G	X	E	E
STYRENE	X	X	X	X	X	X	X	F	F
SULFAMIC ACID	G		E	E	C	G	E		
SULFUR	X	X	E	E	X	E	E	E	E

CHEMICAL OR MATERIAL CONVEYED	COMPOUND								
	NR	SBR	IIR	EPDM	NBR	CR	CSM	XLPE	UPE
SULFUR CHLORIDE	X	X	X	E	C	E			
SULFUR DIOXIDE	C	G	C	E	X	C	C		G
SULFUR TRIOXIDE, DRY	C	X	G	E	X	X	X	X	X
SULFURIC ACID, CONC.	X	X	X	X	X	X	X	F	F
SULFURIC ACID, FUMING	X	X	X	X	X	X	X	X	X
SULFURIC ACID, 25%	E	F	G	E	C	C	E	E	E
SULFURIC ACID, 25%-50%	G	F	G	E	C	X	G	E	E
SULFURIC ACID, 50%-96%	X	X	X	X	X	X	X	G	G
SULFUROUS ACID, 10%	G	G	E	E	E	C	E	E	E
SULFUROUS ACID, 10%-75%	G	G	E	E	F	C	E	E	E
T-BUTYL AMINE	X		C	C	C	X	X		
TALL OIL	X	X	X	X	E	C	F		
TALLOW	X	X	X	E	E	G	F	E	E
TANNIC ACID	E	G	E	E	E	E	E	E	E
TAR	X	X	X	X	X	X		X	F
TAR BITUMINOUS	X	X	X	X	G	C	X		
TARTARIC ACID	E	G	G	G	E	E	E	E	E
TELLONE 2	C								
TERTIARY BUTYL ALCOHOL	C	G	C	C	C	C	C		
TERPINEOL	X	X	C				X		
TERTIARY BUTYL AMINE	X		C	C	C	X	X		
TERTIARY BUTYL MERCAPTAN	X	X	X	X	X	X	X		
TETRACHLOROBENZENE	X		X	X	X	X	X		
TETRACHLOROETHANE	X	X	X	X	X	X	X	F	F
TETRACHLOROETHYLENE	X	X	X	X	C	X	X	F	F
TETRACHLOROMETHANE	X		X	X	X	X	X	E	E
TETRACHLORONAPHTHALENE	X		X	X	X	X	X	E	E
TETRAETHYLENE GLYCOL	E		E	E	E	E	E		
TETRAETHYLORTHOSILICATE	X		E	E	E	E			
TETRAHYDROFURAN	X	X	C	X	X	X	X		
TIN CHLORIDE	E		E	E	E	C	C	E	E
TITANIUM TETRACHLORIDE	X	X	X	X	C	C	X		
TOLUENE	X	X	X	X	X	X	X	E	E
TOLUIDINE	X		X	X	C	X	X	E	F
TOLUOL	X	X	X	X	X	X	X	E	E
TRANSFORMER OIL	X	X	X	X	C	C	C	E	E
TRANSMISSION 'A' OIL	X		X	X	E	C	C		
TRI-AMINE	C		E	E	G	C	C		
TRIBUTYL PHOSPHATE	C	X	G	G	F		X		
TRIBUTYLAMINE	G		E		G		F		
TRICHLOROACETIC ACID	C	X	C	C	C	C	X		
TRICHLOROBENZENE	X	X	X	X	C	X	X	F	F
TRICHLOROETHANE	X	X	X	X	X	X	X		
TRICHLOROETHYLENE	X	X	X	X	X	X	X	F	F
TRICHLOROMETHANE	X	X	X	X	X	X	X	F	F
TRICHLOROTOLUENE	X			E	X	X	X		
TRICRESYL PHOSPHATE	X	X	E	E	X	X	X		
TRIETHANOLAMINE	C	G	E	E	C	C	C	E	E
TRIETHYLAMINE	G	X	G	E	E	G	E		
TRIETHYLENE GLYCOL	E		E	E	C	E	E	E	E
TRIHYDROXYBENZOIC ACID	E		C	C	C	C	G		
TRIMETHYL PENTANE	X	X	X	X	E	G	C		
TRIMETHYLAMINE	E		E	C	C	E	E		
TRISODIUM PHOSPHATE	E	E	E	E	E	E	E	E	E
TRITOYL PHOSPHATE	X	X	E	E	X	C	C		
TUNG OIL	X	X	C	X	E	C	C	E	E
TURPENTINE	X	X	X	X	E	X	X	E	E

CHEMICAL RESISTANCE CHART

Resistance Rating Key:

E - Excellent G - Good F - Fair C - Conditional X - Unsatisfactory BLANK - Insufficient Data

CHEMICAL OR MATERIAL CONVEYED	COMPOUND								
	NR	SBR	IIR	EPDM	NBR	CR	CSM	XLPE	UPE
UNSYMETRICAL DIMETHYL HYDRAZINE	E	X	E	E	C	C	E		
UNDECYL ALCOHOL	E		E	E	E	E	E		
UREA	E		E	E	G	G	E	E	E
URIC ACID	E		E	E	C	E	E		
VARNISH	X	X	X	X	G	X	X	E	E
VEGETABLE OILS	X	X	C	F	E	C	G	E	E
VERSILUBE F44	E	E	E	E	E	E	E		
VERSILUBE F55	E	E	E	X	E	E	E		
VINEGAR	G	G	E	E	G	G	E	E	E
VINEGAR ACID	G		E				E	E	E
VINYL ACETATE	X	X	E	G	C	C	F	E	E
VINYL BENZENE	X	X	X	X	C	X	X	F	F
VINYL CHLORIDE	X		X	C	X	X	X	E	E
VINYL CYANIDE	G	F	X	X	X	X	G	E	E
VINYL ETHER	X		X		G		G		
VINYL TOLUENE	X		X	X	X	X	X		
VINYL TRICHLORIDE	X		X	X	X	X	X		
VM & NAPHTHA	X	X	X	X	G	F	X		
WATER	E	C	E	E	E	G	E	E	E
WATER, BOILING	E		E	E	G	G	E		
WATER, SODA								E	E
WEMCO C	X	X	X	X	E	C	X		
WHISKEY	E	E	E	E	E	E	E	E	E
WHITE OIL	X	X	X	X	E	G	C	E	E
WHITE PINE OIL	X	X	X	X	C	X	X		
WINES	E	E	E	E	E	E	E	E	E
WOOD ALCOHOL	E	E	C	E	C	E	E	E	E
WOOD OIL	X	X	C	X	E	C	C	E	E
XENON	E	E	E	E	E	E	E		
XYLENE, XYLON	X	X	X	X	X	X	X	F	F
XYLIDINE	X	X	G	G	C	X	X		
ZEOLITES	E	E	E	E	E	E	E		
ZINC ACETATE	E	X	E	E	G	C			
ZINC CARBONATE	E		E	E	E	E	E		
ZINC CHLORIDE	E	E	E	E	E	E	E	E	E
ZINC CHROMATE	E		E	E	C	E	G		
ZINC SULFATE	E	G	E	E	E	E	E	E	E
O-AMINOTOLUENE	X		C	C	X	X	X		
1 UNDECANOL	E	E	E	E	E	E	E	E	G
1-AMINO-2-PROPANOL	G		E	E	C	E	F		
1-AMINOBUTANE	X	X	C	C	C	X	X		
1-AMINOPENTANE	F		G	X	F	C	F		
1-BROMO-2-METHYL PROPANE	X		X	X	X	X	X		
1-BROMO-3-METHYL BUTANE	X		X	X	X	X	X		
1-BROMOBUTANE	X		X	X	X	X	X		
1-CHLORO-2-METHYL PROPANE	X		X	X	X	X	X		
1-CHLORO-3-METHYL BUTANE	X		X	X	X	X	X		
1-DECANOL	X		X	X	E	X	C	E	E
1-HENDECANOL	E		E	E	E	E	E		
1,4-DIOXANE	X		C	C	X	X	X	E	
2(2AMINOETHYLAMINO) ETHANOL	G		E				G		
2(2ETHOXYETHOXY) ETHANOL	C	G	C	C	C	C	C		
2(2ETHOXYETHOXY) ETHYL ACETATE	X	X	G	X	X	X	G		
2-AMINOETHANOL	C	F	C	E	C	C	C		
2-CHLORO-1-HYDROXY-BENZENE	X		X	X	X	X	X		
2-CHLOROPHENOL	X	X	X	X	X	X	X		
2-CHLOROPROPANE	X	X	X	X	X	X	X		

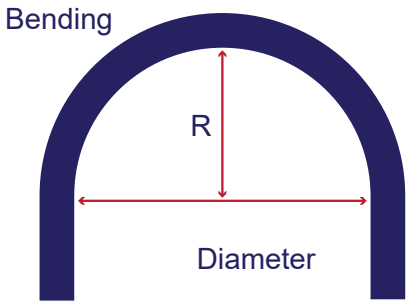
CHEMICAL OR MATERIAL CONVEYED	COMPOUND								
	NR	SBR	IIR	EPDM	NBR	CR	CSM	XLPE	UPE
2-ETHOXYETHANOL	X	X	C	C	C	X	X	E	E
2-ETHOXYETHYL ACETATE	C		C	G	X	X	X	E	E
2-ETHYL	X		G		X		X		
2-ETHYL-1-HEXANOL	G	G	C	C	C	C	C	E	E
2-ETHYLHEXANOIC ACID	F		F		F		G		
2-ETHYLHEXYL ACETATE	X		E		X		G	C	C
2-OCTANONE	X		G	G	X	C			
3-BROMOPROPENE	X		X	X	X	X	X		
3-CHLOROPROPENE	X	E	C	X	C	X	X	E	G
3-COAL OIL	X		X	X	E	G	F		
4-HYDROXY-4-METHYL-2-PENTANONE	X	X	E	E	X	F	C	E	E

HOSE BENDING RADIUS

The bending radius is the minimum radius a hose can be bent without causing damage to its structure or reducing its performance. It is a critical factor in hose selection and installation, ensuring flexibility while maintaining the hose's integrity, pressure capacity, and flow efficiency.

Exceeding the recommended bending radius may result in kinking, cracking, or premature hose failure. Always follow the specified bending radius to ensure safe operation and extend the service life of the hose.

Remark: The bending radius calculation provided are for general reference only. Actual performance may vary depending on the hose construction, reinforcement type, and application. For accurate recommendations, please consult our team.



Hose Inner Diameter (ID)	Hose Bend Radius (mm)
Suction Hose (19mm to 152mm)	A. For hose inner Diameter (ID) up to 50mm, the bend radius is **4 times** the ID. B. For ID 50mm and above, the bend radius is **6 times** the ID. **Example:** **Hose Inner Diameter (ID) = 20mm** Bend Radius = ID x 4 = 20mm x 4 = 80mm Bend Diameter = Bend Radius x 2 = 80mm x 2 = 160mm
Discharge Hose (19mm to 152mm)	A. ID up to 50mm, the Bend Radius will be **6 times** of the ID B. ID 50mm and above, the Bend Radius will be **8 times** of the ID

ELECTRICAL PROPERTIES

There always has been confusion concerning the terms applied to industrial hoses regarding the capabilities of being “non-conductive”, “static dissipating”, and electrically “continuous” or “discontinous”. This confusion originates because, many times, we do not properly relate these terms to the hose applications and/or what the hose is expected to do in application.

The following explanations are to try and clarify the above terms.

Non-Conductive Hose

In some specific applications, especially around high voltage electrical lines, it is imperative for safety that the hose be non-conductive. Unless the hose is designed particularly to be non-conductive and is so branded, one dare not conclude that it is non-conductive. Many black rubber compounds are inherently and inadvertently conductive. Non-conductive hose is usually made to a qualifying standard that requires it to be tested to verify the desired electrical properties. The hose is usually non-black in color and clearly branded to indicate it is designed for non-conductive applications. Non-conductive hoses generally are manufactured **without** a metal helix or “bonding” wire.

Static Dissipating (Semi-Conductive) Hose

Static-dissipating will not allow a static electrical charge to build up within the hose itself. This is achieved by having the static charge to dissipate (“follow a path”) along the tube and/or cover and ground out when making contact with the metal fittings.

Electrically Continuous Hose

If a hose is “continuous”, it refers to the construction of the hose, which creates an electrical bond between the fittings. This hose construction incorporates an internal, metal helix wire or bonding wire in the body (carcass) of the hose that allows the electrical current to flow through the helix or bonding wire and ground out at the metal couplings.

Hose Tips

In applications where electrical charge may build up, verify if the hose is rated as **conductive**, **antistatic**, or **non-conductive** based on its construction.

Important: In the absence of a clear specification, always assume the hose has no controlled electrical properties.

RATING	ELECTRICAL PROPERTIES
$R < 10^5$	Conductive
$10^3 < R < 10^{11}$	Antistatic
$R > 10^{12}$	Insulating

CUSTOM SOLUTIONS & SUPPORT

Hose Assembly & Fittings Installation

We provide complete hose assembly solutions, including fittings, clamps, and couplings, ensuring a perfect fit for your application.

Technical Support & Consultation

We provide expert advice on hose selection and applications.

Testing & Certification

We ensure that industrial hoses meet industry standards (ISO, DIN, etc.), safety regulations, and performance expectations.

Custom Branding & Private Labeling

We offer custom branding, including logo printing and packaging, to support distributors and OEM partners.

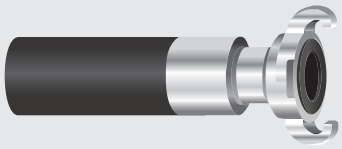
HOSE ASSEMBLY & END STYLES

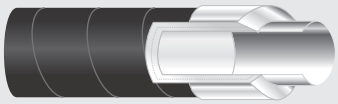
Built-in Nipples / Flanges

Large bore hose is commonly manufactured with built-in flanges. The primary reason is that the fittings need to be attached to the hose body in order to withstand the end thrust pressures.

Swaging / Crimping Fittings / Flanges

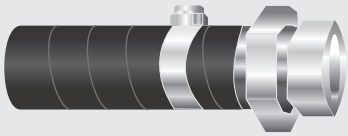
This fitting system consists of a nipple and ferrule saged to the hose as an integrated unit, providing exceptional holding strength against leaks and blow out.





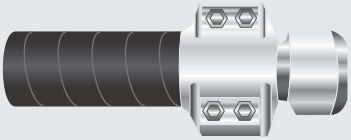
Clamping Fittings / Flanges

Clamping involves using metal clamps (such as worm gear, T-bolt, or band clamps) to secure a hose onto a fitting. It is a cost-effective and adjustable solution for low to medium-pressure.



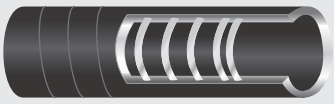
Muff Coupling

Also known as a sleeve coupling, is a simple, rigid mechanical coupling used to connect two shafts in a straight-line arrangement. It consists of a cylindrical sleeve (muff) that fits over the ends of two shafts, holding them together with the help of bolt and nut.



Soft / Cuff End

Internal wire reinforcement is eliminated from the end of the hose providing a soft and flexible section that creates a leakproof seal when clamped.



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Your trusted partner in industrial hose solutions

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