

INDUSTRIAL & AUTOMOTIVE



RUBBER HOSE

INTER
The Hose Specialist.

N.C.R. Rubber Industry Co., Ltd.

Currently operates from its new state-of-the-art manufacturing facility in Rayong, a few hours drive from the heart of Bangkok and minutes from Laem Chabang Deep Seaport. With a total production capacity of 10,000 tonnes per year, NCR is one of Thailand's largest manufacturers, exporters, wholesalers and retailers of a wide range of industrial essentials. These include industrial and automotive rubber hoses, mandrel-built hoses, rubber expansion joints, marine fenders, bridge bearing pads, rubber and sponge profiles, silicone tubes and profiles, and moulded rubber parts, just to name a few.

NCR has a mission to become "an organization which supports learning & development corporate culture, and delivers quality products and services, with emphasis on safety and environment, under a fair system of mutual benefits to all stakeholders". To expand its distribution channels, both domestically and internationally, NCR has established six affiliated companies :

- | | | |
|---|-----------------------------------|---|
| 1. Bridgestone NCR Asset Holding (Thailand) Co., Ltd. | 2. N.C.B. International Co., Ltd. | 3. Wattanasuk International Co., Ltd. |
| 4. NCR-TRB Industry Co., Ltd. | 5. Namcharoen Bangkok Co., Ltd. | 6. INOVE Engineering Industry Co., Ltd. |



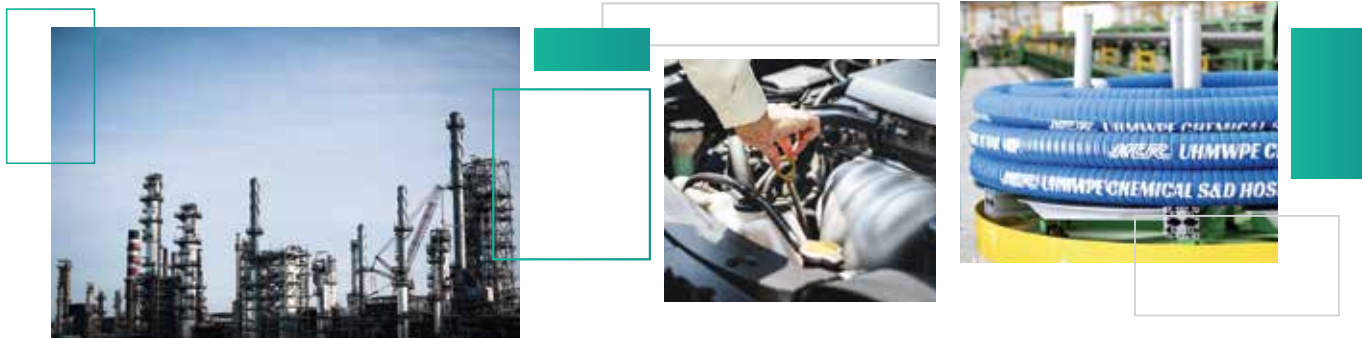
Milestone

- 1960 : Established the first company in the name of " Namcharoen Bangkok " by Mr. Charoenchai Boonbandansook.
- 1962 : Opened the first factory in Samutprakarn, Thailand.
- 1977 : Started export business. First customers were from Australia and Germany.
- 1980 : Changed company's name to "N.C.R. Rubber Industry Co., Ltd."
Moved factory to a second location in Samutprakarn, Thailand.
- 1997 : Joint-venture with Bridgestone Corp., Japan to establish "Bridgestone NCR Co., Ltd." in Rayong, Thailand.
- 1999 : Certified ISO 9001:2000 by SGS / UKAS.
- 2000 : Awarded "Thailand's Brand" certification by Ministry of Commerce, The Royal Thai Government.
- 2004 : Opened the third factory in Rayong.
Selected as 1 of 58 prominent enterprises by The Bangkok Post.
- 2005 : Awarded "5S Silver Award" by Thai-Japanese Technology Promotion Association.
Awarded Quality Control Certification by Thai-Honda Manufacturing Co., Ltd.
- 2012 : Awarded "Thailand LEAN Award 2012-Bronze".
- 2014 : Certified ISO/TS 16949:2009 by SGS / UKAS.
- 2015 : Awarded "Thailand Trust Mark" by Ministry of Commerce, The Royal Thai Government.
- 2017 : Awarded "STEM Workforce Towards Thailand 4.0" by Ministry of Labour, The Royal Thai Government.
Awarded "Green Industry Award" by Ministry of Industry, The Royal Thai Government.
- 2018 : Certified ISO 9001:2015 and IATF 16949:2016 by SGS / UKAS.
Awarded "3Rs Award (Industrial Waste Management Project)" by Ministry of Industry, The Royal Thai Government.
Exported to more than 65 countries in 5 continents around the world.
- 2019 : Certified ISO 14001:2015 by SGS / UKAS.
- 2020 : Appointed by Lillbacka | Finn-Power as an authorized distributor and service provider of crimping and cutting machine
- 2022 : Established "Bridgestone NCR Asset Holding (Thailand) Co., Ltd."
Certified "Green Industry" Class 3: Green System by Ministry of Industry, The Royal Thai Government.
Exported to more than 73 countries in 6 continents around the world



Green Industry Award, 3Rs Award (Industrial Waste Management) and Sustainable Development Goals (SDGs)

CONTENTS



INTRODUCTION	Symbol Guide	3
	Hose Construction, Hose Selection	4
	Hose Handling	5
 AIR	Compressed Air Hose	7-8
	Air Hose - Heavy Duty	9
	Jack Hammer Hose, Super Jack Hammer Hose - Heavy Duty	10
	Hot Air Blower Hose	11
 WATER	Water Delivery Hose, Water Suction & Discharge Hose 150PSI	13
	Water Suction & Discharge Hose 300PSI, Foldable Water Delivery Hose	14
	Flex Hose	15
 GAS & WELDING	Welding & Cutting Hose (Oxygen & Acetylene)	17
	Welding & Cutting Hose (Oxygen & LPG), Gas Hose (N ₂ , Ar, CO ₂)	18
	Welding & Cutting Hose (Oxygen & Universal Fuel Gas)	19
	Propane/Butane Hose, LPG Stove Hose	20
	Industrial Colour Hose (NEO)	21
 ABRASIVE MATERIAL	Cement Delivery Hose, Cement Suction & Discharge Hose	23
	Shotcrete Hose/Grout Hose, Sandblast Hose	24
	Sand Suction & Discharge Hose	25
 OIL / PETROLEUM	Oil Delivery Hose	27
	Oil Suction & Discharge Hose	28
	Oil Suction & Discharge Hose	29
	Road & Rail Tanker Hose	30
	Petrol Pump Hose, Multi-Purpose Hose	31
 CHEMICAL	UHMWPE Chemical Suction & Discharge Hose	33
	Chemical Resistance Guide	34
 AUTOMOTIVE	Car Heater Hose, CNG/LPG Hose	36
	Fuel / Oil Hose : R6, Fuel / Oil Hose (Gasohol E20/E85) : R7	37
	Fuel Injection Hose : R9, Submersible Fuel Hose : R10	38
	Air Conditioning Hose	39
	Brake Hose, Trainline Air Brake Hose	40
	Radiator Hose (Coolant Hose)	41
	Transmission Oil Cooler Hose (Gear Oil Hose), Windshield Washer Tubing	42



Air



Water



Oil



Transmission Oil



Gas



Sand/Cement



Stone



Acid Solvent



Alkali Solvent



Delivery



Suction and Discharge



Vibration



Minimum Bending Radius (x times of ID)



Minimum Working Temperature



Maximum Working Temperature



Safety Factor (x times of WP)



Smooth



Fabric-wrapped



Corrugated



Flat-Corrugated



Ribbed

HOSE CONSTRUCTION



The tube is the innermost rubber element of the hose. For suitable service, the tube must be resistant to the materials it is intended to convey. The characteristics of the rubber compound from which the tube is made and the thickness of the tube are based on the service for which the hose is designed.

The Reinforcement can be textile, plastic, or metal, alone or in combination, built into the body of the hose to withstand internal pressures, external forces, or combination of both. The type and amount of reinforcing material used depends on the method of manufacture and on the service requirements.

The cover is the outer element of the hose. The prime function of the cover is to protect the reinforcement from damage and withstand the environment in which the hose will be used. Covers are designed for specific applications and can be made to be resistant to oils, acids, abrasion, flexing, sunlight, ozone, etc.

HOSE SELECTION

When choosing a hose, it is important to know the following basic information.

Inside Diameter (ID)	Generally used to refer to hose size.
Outside Diameter (OD)	Overall outside size of hose. Important when choosing couplings or clamps.
Thickness	Total thickness of the hose wall, including tube, reinforcement and cover.
Working Pressure (WP)	The maximum working pressure for which the hose is designed and to which it may be subjected.
Burst Pressure (BP)	The pressure which a new hose can resist before bursting.
Bending Radius	The minimum bending radius to which the hose can be curved.
Length (L)	Refers to the supplied length of hose. For coupled hoses, the length is counted from both coupling ends.
Product Standard or Certificate	Refers to any international standards, production certificates or other design regulations.
Operating Temperature	Temperature of media conveyed, and of the surrounding.
Aromatic Hydrocarbon Content	The maximum percentage amount of aromatic hydrocarbon in fluid to be transported.
External Conditions	The environment in which the hose is to be used e.g. climate and ozone conditions, abrasion, contact to oil or grease, etc.
Special Features	Special requirements e.g. spiral reinforcement or electric conductive wire.
Others	Marking, packaging, delivery or other requirements.

Hose has a limited life and the user must be alert to signs of impending failure, particularly when the conditions of service include high working pressures and/or the conveyance or containment of hazardous materials. The periodic inspection and testing procedure described here provide a schedule of specific measures which constitute a minimum level of user action to detect signs indicating hose deterioration or loss of performance before conditions leading to malfunction or failure are reached.

SAFETY WARNING : Failure to properly follow the manufacturer's recommended procedures for the care, maintenance and storage of a particular hose might result in its failure to perform in the manner intended and might result in possible damage to property and serious bodily injury.

General Care and Maintenance of Hose

Hose should not be subjected to any form of abuse in service. It should be handled with reasonable care. Hose should not be dragged over sharp or abrasive surfaces unless specifically designed for such service. Care should be taken to protect hose from severe and loads for which the hose or hose assembly were not designed. Hose should be used at or below its rated working pressure; any changes in pressure should be made gradually so as to not subject the hose to excessive surge pressures. Hose should not be kinked or be run over by equipment. In handling large size hose, dollies should be used whenever possible; slings or handling rigs, properly placed, should be used to support heavy hose used in oil suction and discharge service.

Storage

Rubber hose in storage can be affected adversely by temperature, humidity, ozone, sunlight, oils, solvents, corrosive liquids and fumes, insects, rodents and radioactive materials.

The appropriate method for storing hose depends to a great extent on its size (diameter and length), the quantity to be stored, and the way in which it is packaged. Hose should not be piled or stacked to such an extent that the weight of the stack creates distortions on the lengths stored at the bottom. Since hose vary considerably in size, weight, and length, it is not practical to establish definite recommendations on this point. Hose having a very light wall will not support as much load as a hose having a heavier wall or a hose having a wire reinforcement. Hose which is shipped in coils or bales should be stored so that the coils are in a horizontal plane.

Whenever feasible, rubber hose should be stored in their original shipping containers, especially when such containers are wooden crates or cardboard cartons which provide some protection against the deteriorating effects of oils, solvents, and corrosive liquids. Shipping containers also afford some protection against ozone and sunlight. Certain rodents and insects will damage rubber hose, and adequate protection from them should be provided. Cotton jacketed hose should be protected against fungal growths if the hose is to be stored for prolonged periods in humidity conditions in excess of 70%.

The ideal temperature for the storage of rubber hose range from 50° to 70° F (10°C to 21°C) with a maximum limit of 100°F (38°C). If stored below 32°F (0°C), some rubber hose become stiff and would require warming before being placed in service. Rubber hose should not be stored near sources of heat, such as radiators, base heaters, etc., nor should they be stored under conditions of high or low humidity.

To avoid the adverse effects of high ozone concentration, hose should not be stored near electrical equipment that may generate ozone or be stored for any lengthy period in geographical areas of known high ozone concentration. Rubber hose should not be stored in locations where the ozone level exceeds the National Institute of Occupational Safety and Health's upper limit of 0.10ppm. Exposure to direct or reflected sunlight, even through windows, should also be avoided. Uncovered rubber hose should not be stored under fluorescent or mercury lamps which generate light waves harmful to rubber.

Storage areas should be relatively cool and dark, and free of dampness and mildew. Rubber hose should be stored on a first-in, first-out basis, since even under the best conditions, an unusually long shelf life could deteriorate certain rubber products.

Proper storage of rubber hose could minimize deterioration from exposure to elements or environments which are known to be deleterious to rubber hose. Proper storage conditions can enhance and extend substantially the ultimate life of rubber hose.

*(Referred from RMA Hose Handbook IP-2 Seventh Edition 2003)



INDUSTRIAL

AIR HOSE



COMPRESSED AIR HOSE

Air Hose

Water Hose

Gas & Welding
Hose

Abrasive Material
Hose

Oil / Petroleum
Hose

Chemical
Hose

Automotive
Hose



Applications

For heavy-duty use with air compressors in quarries, service stations, construction sites, shipyards, factories and other general services.

Tube

Synthetic rubber

Reinforcement

High tensile synthetic textile filament yarn

Cover

Ozone and weather resistant synthetic rubber



Marking: *INTER AIR HOSE ISO 2398:2016 / 1A / L-T / XX mm / 1.0 MPa / 10 bar*

ISO 2398 : 2016
Type 1 Class A



Nominal ID		ID	OD	WP		BP		L	Product code
Inch	mm	mm	mm	bar	PSI	bar	PSI	m	
1/4	6	6.3	12.5	10	150	40	600	100	AZNA06BSJ04
5/16	8	8.0	15.0	10	150	40	600	100	AZNA08BSJ04
3/8	9	9.5	16.5	10	150	40	600	100	AZNA09BSJ04
1/2	12	12.7	20.0	10	150	40	600	100	AZNA12BSJ04
5/8	16	16.0	24.0	10	150	40	600	50	AZNA16BSE04
3/4	19	19.0	28.0	10	150	40	600	50	AZNA19BSE05
1	25	25.4	36.0	10	150	40	600	50	AZNA25BSE04

Marking: *INTER AIR HOSE ISO 2398:2016 / 2A / L-T / XX mm / 1.6 MPa / WP 16 bar*

ISO 2398 : 2016
Type 2 Class A



Nominal ID		ID	OD	WP		BP		L	Product code
Inch	mm	mm	mm	bar	PSI	bar	PSI	m	
1/4	6	6.3	13.0	16	240	64	960	100	AZNA06BSJ05
5/16	8	8.0	15.5	16	240	64	960	100	AZNA08BSJ05
3/8	9	9.5	17.0	16	240	64	960	100	AZNA09BSJ05
1/2	12	12.7	20.5	16	240	64	960	100	AZNA12BSJ05
5/8	16	16.0	25.0	16	240	64	960	50	AZNA16BSE05
3/4	19	19.0	29.0	16	240	64	960	50	AZNA19BSE06
1	25	25.4	37.0	16	240	64	960	50	AZNA25BSE05

Also available in 30m, 50m lengths, please contact us

COMPRESSED AIR HOSE



Applications	For use with air compressors in mines, quarries, service stations, construction sites, shipyards, factories and other general services.
Tube	Synthetic rubber
Reinforcement	High tensile synthetic textile filament yarn
Cover	Ozone and weather resistant synthetic rubber
Marking	<i>INTER</i> AIR HOSE ISO 2398/A ID" WP XX PSI BP XX PSI



Air 30 Series



Nominal ID		ID	OD	WP		BP		L	Product code
Inch	mm	mm	mm	bar	PSI	bar	PSI	m	
1/4	6	6.3	12.5	10	150	30	450	100	AZNA06BSJ01
5/16	8	8.0	15.0	10	150	30	450	100	AZNA08BSJ01
3/8	9	9.5	16.5	10	150	30	450	100	AZNA09BSJ01
1/2	12	12.7	20.0	10	150	30	450	100	AZNA12BSJ01
5/8	16	16.0	24.0	10	150	30	450	50	AZNA16BSE01
3/4	19	19.0	28.0	10	150	30	450	50	AZNA19BSE01
1	25	25.4	36.0	10	150	30	450	50	AZNA25BSE01

Air 45 Series



Nominal ID		ID	OD	WP		BP		L	Product code
Inch	mm	mm	mm	bar	PSI	bar	PSI	m	
1/4	6	6.3	13.0	15	225	45	660	100	AZNA06BSJ02
5/16	8	8.0	15.5	15	225	45	660	100	AZNA08BSJ02
3/8	9	9.5	17.0	15	225	45	660	100	AZNA09BSJ02
1/2	12	12.7	20.5	15	225	45	660	100	AZNA12BSJ02
5/8	16	16.0	25.0	15	225	45	660	50	AZNA16BSE02
3/4	19	19.0	29.0	15	225	45	660	50	AZNA19BSE02
1	25	25.4	37.0	15	225	45	660	50	AZNA25BSE02

Also available in 30m, 50m lengths, please contact us

Air 60 Series



Nominal ID		ID	OD	WP		BP		L	Product code
Inch	mm	mm	mm	bar	PSI	bar	PSI	m	
1/4	6	6.3	13.5	20	300	60	900	100	AZNA06BSJ03
5/16	8	8.0	16.0	20	300	60	900	100	AZNA08BSJ03
3/8	9	9.5	17.5	20	300	60	900	100	AZNA09BSJ03
1/2	12	12.7	21.0	20	300	60	900	100	AZNA12BSJ03
5/8	16	16.0	26.0	20	300	60	900	100	AZNA16BSJ03
3/4	19	19.0	30.0	20	300	60	900	50	AZNA19BSE03
1	25	25.4	38.0	20	300	60	900	50	AZNA25BSE03

Also available in 30m, 50m, 100m lengths, please contact us

AIR HOSE - HEAVY DUTY-

Air Hose

Water Hose

Gas & Welding
Hose

Abrasive Material
Hose

Oil / Petroleum
Hose

Chemical
Hose

Automotive
Hose



Applications

For heavy-duty use with air compressors in quarries, service stations, construction sites, shipyards, factories and other general services.

Tube

Synthetic rubber

Reinforcement

High tensile synthetic textile filament yarn

Cover

Ozone and weather resistant synthetic rubber

Marking

INTER AD300 AIR HOSE - HEAVY DUTY - BP 900PSI - WP 300PSI



Nominal ID		ID	OD	WP		BP		Product code	
Inch	mm	mm	mm	bar	PSI	bar	PSI	40M	60M
1.1/4	32	32.0	44.0	20	300	60	900	BR-52001	BR-62001
1.1/2	38	38.0	51.0	20	300	60	900	BR-52002	BR-62002
2	51	50.8	65.0	20	300	60	900	BR-52003	BR-62003
2.1/2	63	63.5	80.0	20	300	60	900	BR-52004	BR-62004
3	76	76.2	92.0	20	300	60	900	BR-52005	BR-62005
4	102	101.6	118.0	20	300	60	900	BR-52006	BR-62006

AIR HOSE - HEAVY DUTY- (GREEN SERIES)



Applications

For heavy-duty use with air compressors in quarries, service stations, construction sites, shipyards, factories and other general services.

Tube

Synthetic rubber

Reinforcement

High tensile synthetic textile filament yarn

Cover

Ozone and weather resistant synthetic rubber

Marking

INTER AD300 GREEN SERIES AIR HOSE - HEAVY DUTY - BP 900PSI WP 300PSI



MADE WITH RECYCLED MATERIALS

Nominal ID		ID	OD	WP		BP		Product code	
Inch	mm	mm	mm	bar	PSI	bar	PSI	40M	60M
1.1/4	32	32.0	44.0	20	300	60	900	BR-52001G	BR-62001G
1.1/2	38	38.0	51.0	20	300	60	900	BR-52002G	BR-62002G
2	51	50.8	65.0	20	300	60	900	BR-52003G	BR-62003G
2.1/2	63	63.5	80.0	20	300	60	900	BR-52004G	BR-62004G
3	76	76.2	92.0	20	300	60	900	BR-52005G	BR-62005G
4	102	101.6	118.0	20	300	60	900	BR-52006G	BR-62006G

JACK HAMMER HOSE



Applications	For use with air compressors in construction works, quarries and many civil engineering and industrial applications.
Tube	Oil mist resistant synthetic rubber
Reinforcement	High tensile synthetic textile filament yarn
Cover	Ozone and weather resistant synthetic rubber
Marking	<i>INTER</i> JACK HAMMER HOSE 3/4" WP 300 PSI BP 900 PSI



Nominal ID		ID	OD	WP		BP		L	Product code
Inch	mm	mm	mm	bar	PSI	bar	PSI	m	
3/4	19	19.0	29.2	20	300	60	900	50	AZNA19YSE01

SUPER JACK HAMMER HOSE - HEAVY DUTY -



Applications	For heavy duty handling of oil-charge compressed air and high pressure compressor and other equipment used on public work sites.
Tube	Oil resistant synthetic rubber
Reinforcement	High tensile synthetic textile filament yarn
Cover	Oil, ozone and weather resistant synthetic rubber
Marking	<i>INTER</i> SUPER JACK HAMMER HOSE 3/4" WP300 PSI BP1200 PSI



ISO 2398 : 2016
Type 2 Class C



Nominal ID		ID	OD	WP		BP		L	Product code
Inch	mm	mm	mm	bar	PSI	bar	PSI	m	
3/4	19	19.0	30.0	20	300	80	1200	50	AZNA19BSE04

Air Hose

Water Hose

Gas & Welding
Hose

Abrasive Material
Hose

Oil / Petroleum
Hose

Chemical
Hose

Automotive
Hose

HOT AIR BLOWER HOSE

Air Hose

Water Hose



Gas & Welding
Hose

Abrasive Material
Hose

Oil / Petroleum
Hose

Chemical
Hose

Automotive
Hose

Applications

For conveying hot air from the compressor / blower on dry material (for eg. cement) unloading systems.

Tube

Heat resistant EPDM rubber

Reinforcement

High tensile synthetic fabric

Cover

High abrasion and heat resistant synthetic rubber

Marking

INTER HAB150 HOT AIR BLOWER HOSE - HEAVY DUTY - BP 450PSI WP 150PSI



Nominal ID		ID	OD	WP		BP		L	Product code
Inch	mm	mm	mm	bar	PSI	bar	PSI	m	
1	25	25.4	38.6	10	150	30	450	40	BH-41010
1.1/2	38	38.0	51.2	10	150	30	450	40	BH-41011
2	51	50.8	66.0	10	150	30	450	40	BH-41012
2.1/2	63	63.5	78.7	10	150	30	450	40	BH-41013
3	76	76.2	93.4	10	150	30	450	40	BH-41014
3.1/2	90	90.0	109.2	10	150	30	450	40	BH-41015
4	102	101.6	120.8	10	150	30	450	40	BH-41016

For sizes other than listed above, please contact us





INDUSTRIAL



WATER HOSE



WATER DELIVERY HOSE

Air Hose

Water Hose



Applications	For discharge of water and other non-corrosive liquid.
Tube	Synthetic rubber
Reinforcement	High tensile synthetic fabric
Cover	Ozone and weather resistant synthetic rubber
Marking	INTER WD150 - WATER DELIVERY HOSE - BP 450PSI - WP 150PSI



Nominal ID		ID	OD	WP		BP		Product code	
Inch	mm	mm	mm	bar	PSI	bar	PSI	40M	60M
1.1/4	32	32.0	41.4	10	150	30	450	BD-52001	BD-62001
1.1/2	38	38.0	47.4	10	150	30	450	BD-52002	BD-62002
2	51	50.8	60.0	10	150	30	450	BD-52003	BD-62003
2.1/2	63	63.5	74.0	10	150	30	450	BD-52004	BD-62004
3	76	76.2	88.0	10	150	30	450	BD-52005	BD-62005
4	102	101.6	115.0	10	150	30	450	BD-52006	BD-62006
5	127	127.0	140.0	10	150	30	450	BD-52007	BD-62007
6	152	152.4	165.0	10	150	30	450	BD-52008	BD-62008

For sizes other than listed above, please contact us

WATER SUCTION & DISCHARGE HOSE 150PSI

Gas & Welding
Hose

Abrasive Material
Hose

Oil / Petroleum
Hose

Chemical
Hose

Automotive
Hose



Applications	For suction and discharge of water and other non-corrosive liquid.
Tube	Synthetic rubber
Reinforcement	High tensile synthetic fabric with steel helical embedded wire
Cover	Ozone and weather resistant synthetic rubber
Marking	INTER WSD150 - WATER SUCTION & DISCHARGE HOSE - BP 450PSI - WP 150PSI



Nominal ID		ID	OD	WP		BP		Product code	
Inch	mm	mm	mm	bar	PSI	bar	PSI	40M	60M
1.1/4	32	32.0	43.4	10	150	30	450	BS-51001	BS-61001
1.1/2	38	38.0	50.4	10	150	30	450	BS-51002	BS-61002
2	51	50.8	62.6	10	150	30	450	BS-51003	BS-61003
2.1/2	63	63.5	76.7	10	150	30	450	BS-51004	BS-61004
3	76	76.2	89.4	10	150	30	450	BS-51005	BS-61005
3.1/2	90	88.9	103.7	10	150	30	450	BS-51006	BS-61006
4	102	101.6	117.6	10	150	30	450	BS-51007	BS-61007
5	127	127.0	145.2	10	150	30	450	BS-51008	BS-61008
6	152	152.4	173.2	10	150	30	450	BS-51009	BS-61009
8	203	203.0	239.0	10	150	30	450	BS-41010 (L=15m)	
10	254	254.0	290.0	10	150	30	450	BS-41011 (L=15m)	

For sizes other than listed above, please contact us

WATER SUCTION & DISCHARGE HOSE 300PSI



Applications	For suction and discharge of water and other non-corrosive liquid.
Tube	Synthetic rubber
Reinforcement	High tensile synthetic fabric with steel helical embedded wire
Cover	Ozone and weather resistant synthetic rubber
Marking	INTER WSD300 - WATER SUCTION & DISCHARGE HOSE - BP 900PSI - WP300PSI



Nominal ID		ID	OD	WP		BP		L	Product code
Inch	mm	mm	mm	bar	PSI	bar	PSI	M	
1.1/4	32	32.0	44.4	20	300	60	900	40	BS-51301
1.1/2	38	38.0	51.4	20	300	60	900	40	BS-51302
2	51	50.8	63.6	20	300	60	900	40	BS-51303
2.1/2	63	63.5	77.7	20	300	60	900	40	BS-51304
3	76	76.2	93.4	20	300	60	900	40	BS-51305
3.1/2	90	88.9	104.7	20	300	60	900	40	BS-51306
4	102	101.6	120.4	20	300	60	900	40	BS-51307
5	127	127.0	149.8	20	300	60	900	40	BS-51308
6	152	152.4	174.2	20	300	60	900	40	BS-51309

For sizes other than listed above, please contact us

FOLDABLE WATER DELIVERY HOSE



Applications	For discharge of water and other non-corrosive liquid. The hose can be flattened and coiled when it is not in-use.
Tube	Synthetic rubber
Reinforcement	High tensile polyester cord
Cover	High abrasion and weather resistant synthetic rubber
Marking	INTER FWD150 FOLDABLE WATER DELIVERY HOSE BP 450PSI WP 150PSI



Nominal ID		ID	OD	WP		BP		L	Product code
Inch	mm	mm	mm	bar	PSI	bar	PSI	m	
2	51	50.8	58.4	10	150	30	450	40	BD-53001
3	76	76.2	83.8	10	150	30	450	40	BD-53002
4	101	101.6	109.0	10	150	30	450	40	BD-53003
6	152	152.4	163.0	10	150	30	450	40	BD-53004
8	203	203.2	217.0	10	150	30	450	20	BD-53005
10	254	254.0	268.0	10	150	30	450	20	BD-53006

*Flow direction of fluid is recommended to be in the same direction as indicated on the hose surface.

**Also available in 60 mlengths, please contact us.

Air Hose

Water Hose



Applications

For use as a connecting joint between two pipes, transferring air, water and other non-corrosive liquids.

Tube

Synthetic rubber

Reinforcement

High tensile synthetic fabric with steel helical embedded wire

Cover

Wear and weather resistant synthetic rubber

Marking

INTER FLEX HOSE - ID™



Gas & Welding
Hose

Abrasive Material
Hose

Oil / Petroleum
Hose

Chemical
Hose

Automotive
Hose



Nominal ID		OD	WP		BP		Product code			
Inch	mm	mm	bar	PSI	bar	PSI	L = 1'	L = 1.1/2'	L = 2'	L = 1 m
3/4	19.1	33.1	5	75	7.5	112.5	BF-1000N	BF-1500N	BF-2000N	BF-0100N
1	25.4	39.4	5	75	7.5	112.5	BF-1001N	BF-1501N	BF-2001N	BF-0101N
1.1/4	31.8	45.8	5	75	7.5	112.5	BF-1002N	BF-1502N	BF-2002N	BF-0102N
1.1/2	38.1	52.1	4	60	6	90	BF-1003N	BF-1503N	BF-2003N	BF-0103N
1.3/4	44.5	58.5	4	60	6	90	BF-1004N	BF-1504N	BF-2004N	BF-0104N
2	50.8	64.8	4	60	6	90	BF-1005N	BF-1505N	BF-2005N	BF-0105N
2.1/4	57.2	71.2	3	45	4.5	67.5	BF-1006N	BF-1506N	BF-2006N	BF-0106N
2.1/2	63.5	78.5	3	45	4.5	67.5	BF-1007N	BF-1507N	BF-2007N	BF-0107N
2.3/4	69.9	84.9	3	45	4.5	67.5	BF-1008N	BF-1508N	BF-2008N	BF-0108N
3	76.2	91.2	3	45	4.5	67.5	BF-1009N	BF-1509N	BF-2009N	BF-0109N
3.1/4	82.6	97.6	3	45	4.5	67.5	BF-1010N	BF-1510N	BF-2010N	BF-0110N
3.1/2	88.9	103.9	3	45	4.5	67.5	BF-1011N	BF-1511N	BF-2011N	BF-0111N
3.3/4	95.3	110.3	3	45	4.5	67.5	BF-1012N	BF-1512N	BF-2012N	BF-0112N
4	101.6	116.6	2	30	3	45	BF-1013N	BF-1513N	BF-2013N	BF-0113N
4.1/4	108.0	123.0	2	30	3	45	BF-1014N	BF-1514N	BF-2014N	BF-0114N
4.1/2	114.3	129.3	2	30	3	45	BF-1015N	BF-1515N	BF-2015N	BF-0115N
5	127.0	147.0	2	30	3	45	BF-1016N	BF-1516N	BF-2016N	BF-0116N
5.1/2	139.7	159.7	2	30	3	45	BF-1017N	BF-1517N	BF-2017N	BF-0117N
6	152.4	172.4	2	30	3	45	BF-1018N	BF-1518N	BF-2018N	BF-0118N
6.1/2	165.1	185.1	2	30	3	45	BF-1019N	BF-1519N	BF-2019N	BF-0119N
8.1/2	215.9	238.1	2	30	3	45	BF-1020N	BF-1520N	BF-2020N	BF-0120N
10.1/2	266.7	292.1	2	30	3	45	BF-1021N	BF-1521N	BF-2021N	BF-0121N
12.1/2	317.5	345.5	2	30	3	45	BF-1022N	BF-1522N	BF-2022N	BF-0122N



GAS & WELDING HOSE



WELDING & CUTTING HOSE (Oxygen & Acetylene)

Air Hose

Water Hose



Applications

For use with welding and allied processes in workshops, shipyards, construction sites and factories.

Tube

High ignition temperature synthetic rubber

Reinforcement

High tensile synthetic textile filament yarn

Cover

Excellent ozone and weather resistant synthetic rubber

Marking

ISO 3821 -2MPa (20 bar) -ID- **INTER** -YY



Blue (Oxygen)

Red (Acetylene)

Single line welding hose
ISO 3821, AS 1335



Nominal ID		ID	OD	WP		BP		L	Product code	
Inch	mm	mm	mm	bar	PSI	bar	PSI	m	Blue	Red
3/16	5	5.0	12.0	20	300	60	900	100	AXXS05USJ02	AXXS05RSJ02
1/4	6	6.3	13.3	20	300	60	900	100	AXXS06USJ02	AXXS06RSJ02
1/4	6	6.3	16.0	20	300	60	900	40	AXXS06USD01	-
5/16	8	8.0	15.0	20	300	60	900	100	AXXS08USJ01	AXXS08RSJ01
3/8	9	9.0	16.0	20	300	60	900	100	AXXS09USJ01	AXXS09RSJ02
3/8	10	10.0	17.0	20	300	60	900	100	AXXS10USJ01	AXXS10RSJ01
1/2	12	12.7	21.0	20	300	60	900	100	AXXS12USJ02	AXXS12RSJ02
3/4	19	19.0	28.0	20	300	60	900	100	AXXS19USJ02	AXXS19RSJ02

Twin line welding hose
ISO 3821, AS 1335



Nominal ID		ID	OD	WP		BP		L	Product code
Inch	mm	mm	mm	bar	PSI	bar	PSI	m	
3/16+3/16	5+5	5.0+5.0	12.0+12.0	20	300	60	900	100	AXXT558SJ01
1/4+1/4	6+6	6.3+6.3	13.3+13.3	20	300	60	900	100	AXXT663SJ01
1/4+3/8	6+9	6.3+9.0	13.3+16.0	20	300	60	900	100	AXXT698SJ01
1/4+3/8	6+9	6.3+9.0	16.0+16.0	20	300	60	900	40	AXXT693SD02
5/16+5/16	8+8	8.0+8.0	15.0+15.0	20	300	60	900	100	AXXT883SJ01
5/16+3/8	8+9	8.0+9.0	15.0+16.0	20	300	60	900	100	AXXT893SJ01
3/8+3/8	9+9	9.0+9.0	16.0+16.0	20	300	60	900	100	AXXT998SJ01
3/8+3/8	10+10	10.0+10.0	17.0+17.0	20	300	60	900	100	AXXT003SJ01

WELDING HOSE WITH FITTINGS



Depending on customer's requirement, fitting can be made to meet the **standards of UNF or BSP**. Fittings material is made from brass.

WELDING & CUTTING HOSE (Oxygen & LPG)



Applications	For use with welding and allied processes in workshops, shipyards, construction sites and factories.
Tube	High ignition temperature synthetic rubber
Reinforcement	High tensile synthetic textile filament yarn
Cover	Excellent ozone and weather resistant synthetic rubber
Marking	ISO 3821 -2MPa (20 bar) -ID- INTER -YY



● Blue (Oxygen)

● Orange (LPG)

LPG Hose
ISO 3821, AS 1335



Oxygen & LPG Hose
ISO 3821, AS 1335



Nominal ID		ID	OD	WP		BP		L	Product code
Inch	mm	mm	mm	bar	PSI	bar	PSI	m	
3/16	5	5.0	12.0	20	300	60	900	100	AXXL05OSJ01
1/4	6	6.3	13.3	20	300	60	900	100	AXXL06OSJ01
5/16	8	8.0	15.0	20	300	60	900	100	AXXL08OSJ01
3/8	10	10.0	17.0	20	300	60	900	100	AXXL10OSJ01

Nominal ID		ID	OD	WP		BP		L	Product code
Inch	mm	mm	mm	bar	PSI	bar	PSI	m	
3/16+3/16	5+5	5.0+5.0	12.0+12.0	20	300	60	900	100	AXXT559SJ01
1/4+1/4	6+6	6.3+6.3	13.3+13.3	20	300	60	900	100	AXXT665SJ01
5/16+5/16	8+8	8.0+8.0	15.0+15.0	20	300	60	900	100	AXXT885SJ01
3/8+3/8	10+10	10.0+10.0	17.0+17.0	20	300	60	900	100	AXXT005SJ01

GAS HOSE (N₂, Ar, CO₂)



Applications	For use with welding and allied processes in workshops, shipyards, construction sites and factories.
Tube	High ignition temperature synthetic rubber
Reinforcement	High tensile synthetic textile filament yarn
Cover	Excellent ozone and weather resistant synthetic rubber
Marking	ISO 3821 -2MPa (20 bar) -ID- INTER -YY



ISO 3821



Nominal ID		ID	OD	WP		BP		L	Product code
Inch	mm	mm	mm	bar	PSI	bar	PSI	m	
3/16	5	5.0	12.0	20	300	60	900	100	AXXS05BSJ02
1/4	6	6.3	13.3	20	300	60	900	100	AXXS06BSJ02
5/16	8	8.0	15.0	20	300	60	900	100	AXXS08BSJ01
3/8	10	10.0	17.0	20	300	60	900	100	AXXS10BSJ01

WELDING & CUTTING HOSE (Oxygen & Universal Fuel Gas)

Air Hose

Water Hose



Applications

Designed for the transport of all type of gases and liquid gases, including hydrogen, propane/butane, natural gas, DMF, MPS and LPG.

Tube

High ignition temperature synthetic rubber

Reinforcement

High tensile synthetic textile filament yarn

Cover

Ozone and weather resistant synthetic rubber

Marking

INTER UNIVERSAL FUEL GASES IDmm 2MPa(20 bar) ISO3821-YY



- Blue (Oxygen)
- Red (Acetylene)
- Orange (LPG)

Acetylene & UFG hose
ISO 3821



Nominal ID		ID	OD	WP		BP		L	Product code
Inch	mm	mm	mm	bar	PSI	bar	PSI	m	Red/Orange
3/16	5	5.0	11.2	20	300	60	900	100	AZNS05ZSJ01
1/4	6	6.3	12.9	20	300	60	900	100	AZNS06ZSJ01
5/16	8	8.0	14.6	20	300	60	900	100	AZNS08ZSJ01
3/8	9	9.5	16.3	20	300	60	900	100	AZNS09ZSJ01
1/2	12	12.7	21.1	20	300	60	900	100	AZNS12ZSJ01
3/4	19	19.0	29.3	20	300	60	900	100	AZNS19ZSJ01

Oxygen, Acetylene & UFG hose
ISO 3821



Nominal ID		ID	OD	WP		BP		L	Product code
Inch	mm	mm	mm	bar	PSI	bar	PSI	m	
3/16+3/16	5+5	5.0+5.0	11.2+11.2	20	300	60	900	100	AZNT550SJ01
1/4+1/4	6+6	6.3+6.3	13.3+13.3	20	300	60	900	100	AZNT660SJ01
1/4+3/8	6+9	6.3+9.5	14.2+16.1	20	300	60	900	100	AZNT690SJ01
5/16+3/8	8+9	8.0+9.5	15.5+16.1	20	300	60	900	100	AZNT890SJ01



PROPANE / BUTANE HOSE



Applications	For discharge of propane/butane, liquefied petroleum gas (LPG). Excellent flame and heat resistance Typical use for Heaters, Barbecues, Caravan installations and Weed burners.
Tube	Synthetic rubber
Reinforcement	High tensile synthetic textile spiral yarn
Cover	Excellent oil, ozone and weather resistant synthetic rubber
Marking	<i>INTER</i> - BS EN 16436-1:2014+A1:2015 - IDmm - 10bar -PROPANE/BUTANE - PROD DATE : YYYY



BS EN 16436-1:2014+A1:2015



Nominal ID		ID	OD	WP		BP		L	Product code
Inch	mm	mm	mm	bar	PSI	bar	PSI	m	
3/16	5	5.0	12.0	10	150	30	450	100	AZNL05OSJ01
1/4	6	6.3	13.3	10	150	30	450	100	AZNL06OSJ01
5/16	8	8.0	15.0	10	150	30	450	100	AZNL08OSJ01
3/8	9	9.0	16.0	10	150	30	450	100	AZNL09OSJ01
1/2	12	12.5	22.5	10	150	30	450	100	AZNL12OSJ01

LPG STOVE HOSE



Applications	For use with the stove gas to discharge of liquefied petroleum gas (LPG). Excellent flame and heat resistance, and able to withstand severe bends without kinking.
Tube	Synthetic rubber
Reinforcement	High tensile synthetic textile filament yarn
Cover	Excellent oil, ozone and weather resistant synthetic rubber
Marking	<i>INTER</i> LPG HOSE w/o fitting ID 9.5 mm WP 2MPa (20 bar) ♦ TIS. 895 - 2561 (2018)



TIS. 895-2561 (2018)
SNI 7213:2014



Nominal ID		ID	OD	WP		BP		L	Product code
Inch	mm	mm	mm	bar	PSI	bar	PSI	m	
3/8	10	9.8	17.8	20	300	60	900	50	AZNL100SE01
3/8	10	9.8	17.8	20	300	60	900	100	AZNL100SJ03
3/8	10	9.8	17.8	20	300	60	900	2	AZNL100SA71*

*Packaging includes stainless steel hose clamps.

NEO INDUSTRIAL HOSE (COLOR HOSE)



Applications

A premium quality fluid hose for a wide variety of uses. Suitable for conveying gases and liquids including hydrogen, nitrogen, argon, fuel gas such as acetylene, LPG, MPS, natural gas and methane in manufacturing factories.
Available in several colors for application coding.

Tube

Oil mist resistant synthetic rubber

Reinforcement

High tensile synthetic textile filament yarn

Cover

Excellent ozone and weather resistant synthetic rubber

Marking

INTER NEO - INDUSTRIAL HOSE -IDmm- WP 2.0 MPa (20 bar)



Nominal ID		ID	OD	WP		BP		L	Product code	
Inch	mm	mm	mm	bar	PSI	bar	PSI	m	Blue	Orange
3/16	5	5.1	11.2	20	300	60	900	100	AXXS05USJ01	AXXS05OSJ01
1/4	6	6.3	13.4	20	300	60	900	100	AXXS06USJ01	AXXS06OSJ01
5/16	8	7.9	15.1	20	300	60	900	100	AXXS07USJ01	AXXS07OSJ01
3/8	9	9.5	17.4	20	300	60	900	100	AXXS09USJ02	AXXS09OSJ01
1/2	12	12.7	21.1	20	300	60	900	100	AXXS12USJ01	AXXS12OSJ01
5/8	16	15.9	25.7	20	300	60	900	100	AXXS15USJ01	AXXS15OSJ01
3/4	19	19.0	29.3	20	300	60	900	50	AXXS19USE01	AXXS19OSE01
1	25	25.4	36.2	20	300	50	750	50	AXXS25USE01	AXXS25OSE01

Nominal ID		ID	OD	WP		BP		L	Product code	
Inch	mm	mm	mm	bar	PSI	bar	PSI	m	Green	Red
3/16	5	5.1	11.2	20	300	60	900	100	AXXS05GSJ01	AXXS05RSJ01
1/4	6	6.3	13.4	20	300	60	900	100	AXXS06GSJ01	AXXS06RSJ01
5/16	8	7.9	15.1	20	300	60	900	100	AXXS07GSJ01	AXXS07RSJ01
3/8	9	9.5	17.4	20	300	60	900	100	AXXS09GSJ02	AXXS09RSJ01
1/2	12	12.7	21.1	20	300	60	900	100	AXXS12GSJ01	AXXS12RSJ01
5/8	16	15.9	25.7	20	300	60	900	100	AXXS15GSJ01	AXXS15RSJ01
3/4	19	19.0	29.3	20	300	60	900	50	AXXS19GSE01	AXXS19RSE01
1	25	25.4	36.2	20	300	50	750	50	AXXS25GSE01	AXXS25RSE01



ABRASIVE MATERIAL HOSE



CEMENT DELIVERY HOSE

Air Hose

Water Hose



Gas & Welding
Hose

Abrasive Material
Hose

Oil / Petroleum
Hose

Chemical
Hose

Automotive
Hose

Applications

For discharge of cement and abrasive slurry materials.
Abrasion resistant refer to DIN 53516

Tube

Excellent abrasion resistant synthetic rubber

Reinforcement

High tensile synthetic fabric

Cover

High abrasion and weather resistant synthetic rubber

Marking

INTER CSD150 CEMENT DELIVERY HOSE - HEAVY DUTY - BP 450PSI - WP 150PSI



Nominal ID		ID	OD	WP		BP		Product code	
Inch	mm	mm	mm	bar	PSI	bar	PSI	40M	60M
3	76	76.2	97.2	10	150	30	450	BC-42001	BC-62001
4	102	101.6	122.0	10	150	30	450	BC-42002	BC-62002
5	127	127.0	149.0	10	150	30	450	BC-42003	BC-62003

For sizes other than listed above, please contact us

CEMENT SUCTION & DISCHARGE HOSE

Applications

For suction and discharge of cement and abrasive slurry materials.
Abrasion resistant refer to DIN 53516

Tube

Excellent abrasion resistant synthetic rubber

Reinforcement

High tensile synthetic fabric with steel helical embedded wire

Cover

High abrasion and weather resistant synthetic

Marking

INTER CSD150 CEMENT SUCTION & DISCHARGE HOSE - BP 450PSI - WP 150PSI



Nominal ID		ID	OD	WP		BP		Product code	
Inch	mm	mm	mm	bar	PSI	bar	PSI	40M	60M
3	76	76.2	98.0	10	150	30	450	BC-41001	BC-61001
4	102	101.6	125.8	10	150	30	450	BC-41002	BC-61002
5	127	127.0	152.0	10	150	30	450	BC-41003	BC-61003
6	152	152.4	180.0	10	150	30	450	BC-41004	BC-61004

For sizes other than listed above, please contact us

SHOTCRETE HOSE / GROUT HOSE



Applications	For spraying of cement and abrasive slurry materials such as concrete, gypsum, plaster, grout and mortar. For use in heavy construction sites. Excellent kinking resistance.
Tube	Excellent abrasion resistant synthetic rubber (Referring to DIN 53516)
Reinforcement	High tensile synthetic fabric
Cover	High abrasion and weather resistant synthetic rubber
Marking	JNER SC600 SHOTCRETE HOSE - BP 1800PSI - WP 600PSI



Nominal ID		ID	OD	WP		BP		Product code	
Inch	mm	mm	mm	bar	PSI	bar	PSI	40M	60M
1	25	25.4	39.0	40	600	120	1800	BX-41001	BX-61001
1.1/2	38	38.0	54.0	40	600	120	1800	BX-41002	BX-61002
2	51	50.8	68.0	40	600	120	1800	BX-41003	BX-61003
2.1/2	63	63.5	83.0	40	600	120	1800	BX-41004	BX-61004
3	76	76.2	98.0	40	600	120	1800	BX-41005	BX-61005
4	102	101.6	122.0	40	600	120	1800	BX-41006	BX-61006
5	127	127.0	149.0	40	600	120	1800	BX-41007	BX-61007

For sizes other than listed above, please contact us

SANDBLAST HOSE



Applications	For conveying abrasive sandblasting materials in cleaning and blasting metal, casting and concrete surfaces.
Tube	Excellent abrasion resistant synthetic rubber *Abrasion resistance : DIN 53516 ≤ 60mm³
Reinforcement	High tensile synthetic fabric
Cover	High abrasion and weather resistant synthetic rubber
Marking	JNER SB175 SANDBLAST HOSE - HEAVY DUTY - BP 530PSI - WP 175PSI



ISO 3861*



Nominal ID		ID	OD	WP		BP		Product code	
Inch	mm	mm	mm	bar	PSI	bar	PSI	40M	60M
1/2	13	13.0	29.0	12	175	36	530	BA-52001	BA-62001
3/4	19	19.0	33.0	12	175	36	530	BA-52002	BA-62002
1	25	25.4	39.0	12	175	36	530	BA-52003	BA-62003
1.1/4	32	32.0	48.0	12	175	36	530	BA-52004	BA-62004
1.1/2	38	38.0	54.0	12	175	36	530	BA-52005	BA-62005
2	51	50.8	69.0	12	175	36	530	BA-52006	BA-62006
2.1/2	63	63.5	82.0	12	175	36	530	BA-52007	BA-62007
3	76	76.2	96.0	12	175	36	530	BA-52008	BA-62008
4	102	101.6	122.0	12	175	36	530	BA-52009	BA-62009

ISO 3861 is available upon request

For sizes other than listed above, please contact us

SAND SUCTION & DISCHARGE HOSE

Air Hose

Water Hose



Gas & Welding
Hose

Abrasive Material
Hose



Oil / Petroleum
Hose

Chemical
Hose

Automotive
Hose

Applications For suction and discharge of sand and abrasive slurry materials.

Tube Excellent abrasion resistant synthetic rubber

Reinforcement High tensile synthetic fabric with steel wire

Cover High abrasion and weather resistant synthetic rubber

Marking **INTER SAND SUCTION & DISCHARGE HOSE**



Nominal ID		ID	OD	WP		BP		L	Product code
Inch	mm	mm	mm	bar	PSI	bar	PSI	M	
6.1/2	165	165.1	209.1	10	150	30	450	3	BM-41002
6.1/2	165	165.1	209.1	10	150	30	450	4	BM-41003
8.5/8	219	219.1	276.3	10	150	30	450	3	BM-41007
8.5/8	219	219.1	276.3	10	150	30	450	4	BM-41008
8.5/8	219	219.1	339.7	10	150	30	450	6	BM-41010
10.5/8	270	269.9	339.7	10	150	30	450	2	BM-41011
10.5/8	270	269.9	339.7	10	150	30	450	3	BM-41012
10.5/8	270	269.9	339.7	10	150	30	450	4	BM-41013
10.5/8	270	269.9	339.7	10	150	30	450	5	BM-41014
10.5/8	270	269.9	339.7	10	150	30	450	6	BM-41015
12.3/4	324	323.9	400.1	10	150	30	450	3	BM-41017
12.3/4	324	323.9	400.1	10	150	30	450	4	BM-41018

For sizes other than listed above, please contact us





OIL / PETROLEUM HOSE



OIL DELIVERY HOSE

Air Hose

Water Hose



Gas & Welding
Hose

Abrasive Material
Hose

Oil / Petroleum
Hose

Chemical
Hose

Automotive
Hose

Applications

For discharge of oil and some chemicals in refineries, factories and vessels.

Tube

Oil resistant synthetic rubber

Reinforcement

High tensile synthetic fabric

Cover

Weather, ozone and oil resistant synthetic rubber

Marking

INTER OD150 OIL DELIVERY HOSE - BP 450PSI - WP 150PSI



Nominal ID		ID	OD	WP		BP		Product code	
Inch	mm	mm	mm	bar	PSI	bar	PSI	40M	60M
1	25	25.4	35.0	10	150	30	450	BL-52001	BL-62001
1.1/4	32	32.0	42.0	10	150	30	450	BL-52002	BL-62002
1.3/8	35	35.0	45.0	10	150	30	450	BL-52003	BL-62003
1.1/2	38	38.0	48.0	10	150	30	450	BL-52004	BL-62004
1.3/4	44	44.5	55.0	10	150	30	450	BL-52005	BL-62005
2	51	50.8	62.0	10	150	30	450	BL-52006	BL-62006
2.1/2	63	63.5	75.0	10	150	30	450	BL-52007	BL-62007
3	76	76.2	88.0	10	150	30	450	BL-52008	BL-62008
4	102	101.6	116.0	10	150	30	450	BL-52009	BL-62009
5	127	127.0	143.0	10	150	30	450	BL-52010	BL-62010
6	152	152.4	168.0	10	150	30	450	BL-52011	BL-62011

For sizes other than listed above, please contact us



OIL SUCTION & DISCHARGE HOSE 150PSI



Applications	For suction and discharge of petroleum products, of up to 50% aromatic contents, in refineries, factories and vessels.
Tube	Oil resistant synthetic rubber
Reinforcement	High tensile synthetic fabric with steel helical embedded wire
Cover	Weather, ozone and oil resistant synthetic rubber
Marking	INTER OSD150 OIL SUCTION & DISCHARGE HOSE - BP 450PSI - WP 150PSI



Smooth



Nominal ID		ID	OD	WP		BP		Product code	
Inch	mm	mm	mm	bar	PSI	bar	PSI	40M	60M
1	25	25.4	36.4	10	150	30	450	BI-51101	BI-61101
1.1/4	32	32.0	43.0	10	150	30	450	BI-51102	BI-61102
1.1/2	38	38.0	50.0	10	150	30	450	BI-51103	BI-61103
2	51	50.8	62.8	10	150	30	450	BI-51104	BI-61104
2.1/2	63	63.5	78.3	10	150	30	450	BI-51105	BI-61105
3	76	76.2	91.0	10	150	30	450	BI-51106	BI-61106
3.1/2	90	88.9	103.7	10	150	30	450	BI-51107	BI-61107
4	102	101.6	117.6	10	150	30	450	BI-51108	BI-61108
5	127	127.0	147.8	10	150	30	450	BI-51109	BI-61109
6	152	152.4	175.2	10	150	30	450	BI-51110	BI-61110

For sizes other than listed above, please contact us

Flat-Corrugated



Nominal ID		ID	OD	WP		BP		Product code	
Inch	mm	mm	mm	bar	PSI	bar	PSI	40M	60M
1.1/4	32	32.0	42.8	10	150	30	450	BI-21002	BI-61102C
1.1/2	38	38.0	51.0	10	150	30	450	BI-21003	BI-61103C
2	51	50.8	62.6	10	150	30	450	BI-21004	BI-61104C
2.1/2	63	63.5	77.9	10	150	30	450	BI-21005	BI-61105C
3	76	76.2	90.6	10	150	30	450	BI-21006	BI-61106C
3.1/2	90	88.9	104.0	10	150	30	450	BI-21007	BI-61107C
4	102	101.6	120.0	10	150	30	450	BI-21008	BI-61108C
5	127	127.0	148.0	10	150	30	450	BI-21009	BI-61109C
6	152	152.4	175.2	10	150	30	450	BI-21010	BI-61110C

For sizes other than listed above, please contact us

Air Hose

Water Hose

Gas & Welding Hose

Abrasive Material Hose

Oil / Petroleum Hose

Chemical Hose

Automotive Hose

OIL SUCTION & DISCHARGE HOSE 250PSI



Applications	For suction and discharge of petroleum products, of up to 50% aromatic contents, in refineries, factories and vessels.
Tube	Oil resistant synthetic rubber
Reinforcement	High tensile synthetic fabric with steel helical embedded wire
Cover	Weather, ozone and oil resistant synthetic rubber
Marking	INTER OSD250 OIL SUCTION & DISCHARGE HOSE - BP 750PSI - WP 250PSI



Smooth



Nominal ID		ID	OD	WP		BP		Product code	
Inch	mm	mm	mm	bar	PSI	bar	PSI	40M	60M
1	25	25.4	37.0	17	250	51	750	BI-51211	BI-61211
1.1/4	32	32.0	44.0	17	250	51	750	BI-51212	BI-61212
1.1/2	38	38.0	51.0	17	250	51	750	BI-51213	BI-61213
2	51	50.8	65.0	17	250	51	750	BI-51214	BI-61214
2.1/2	63	63.5	79.5	17	250	51	750	BI-51215	BI-61215
3	76	76.2	92.2	17	250	51	750	BI-51216	BI-61216
3.1/2	90	88.9	106.9	17	250	51	750	BI-51217	BI-61217
4	102	101.6	118.8	17	250	51	750	BI-51218	BI-61218
5	127	127.0	147.4	17	250	51	750	BI-51219	BI-61219
6	152	152.4	177.2	17	250	51	750	BI-51220	BI-61220

For sizes other than listed above, please contact us

Flat-Corrugated



Nominal ID		ID	OD	WP		BP		Product code	
Inch	mm	mm	mm	bar	PSI	bar	PSI	40M	60M
1	25	25.4	37.0	17	250	51	750	BI-51211C	BI-61211C
1.1/4	32	32.0	44.0	17	250	51	750	BI-51212C	BI-61212C
1.1/2	38	38.0	51.0	17	250	51	750	BI-51213C	BI-61213C
2	51	50.8	65.0	17	250	51	750	BI-51214C	BI-61214C
2.1/2	63	63.5	79.5	17	250	51	750	BI-51215C	BI-61215C
3	76	76.2	92.2	17	250	51	750	BI-51216C	BI-61216C
3.1/2	90	88.9	106.9	17	250	51	750	BI-51217C	BI-61217C
4	102	101.6	118.8	17	250	51	750	BI-51218C	BI-61218C
5	127	127.0	147.4	17	250	51	750	BI-51219C	BI-61219C
6	152	152.4	177.2	17	250	51	750	BI-51220C	BI-61220C

For sizes other than listed above, please contact us

ROAD & RAIL TANKER HOSE / TANK TRUCK HOSE



Applications	For loading and unloading oil from tank truck.
Tube	Oil resistant synthetic rubber
Reinforcement	High tensile synthetic fabric with steel helical embedded wire
Cover	Weather and oil resistant synthetic rubber
Marking	INTER RT150 ROAD & RAIL TANKER HOSE - BS3492 - BP 450PSI - WP 150PSI



BS 3492
Smooth



Nominal ID		ID	OD	WP		BP		Product code	
Inch	mm	mm	mm	bar	PSI	bar	PSI	40M	60M
1	25	25.4	36.2	10	150	30	450	BI-41001	BI-61301
1.1/4	32	32.0	43.0	10	150	30	450	BI-41002	BI-61302
1.3/8	35	35.0	47.0	10	150	30	450	BI-41003	BI-61303
1.1/2	38	38.0	50.0	10	150	30	450	BI-41004	BI-61304
1.3/4	44	44.5	56.5	10	150	30	450	BI-41005	BI-61305
2	51	50.8	63.0	10	150	30	450	BI-41006	BI-61306
2.1/2	63	63.5	78.0	10	150	30	450	BI-41007	BI-61307
3	76	76.2	91.0	10	150	30	450	BI-41008	BI-61308
4	102	101.6	120.0	10	150	30	450	BI-41009	BI-61309

For sizes other than listed above, please contact us

BS 3492
Flat-Corrugated



Nominal ID		ID	OD	WP		BP		Product code	
Inch	mm	mm	mm	bar	PSI	bar	PSI	40M	60M
1	25	25.4	36.2	10	150	30	450	BI-41001C	BI-61301C
1.1/4	32	32.0	43.0	10	150	30	450	BI-41002C	BI-61302C
1.3/8	35	35.0	47.0	10	150	30	450	BI-41003C	BI-61303C
1.1/2	38	38.0	50.0	10	150	30	450	BI-41004C	BI-61304C
1.3/4	44	44.5	56.5	10	150	30	450	BI-41005C	BI-61305C
2	51	50.8	63.0	10	150	30	450	BI-41006C	BI-61306C
2.1/2	63	63.5	78.0	10	150	30	450	BI-41007C	BI-61307C
3	76	76.2	91.0	10	150	30	450	BI-41008C	BI-61308C
4	102	101.6	120.0	10	150	30	450	BI-41009C	BI-61309C

For sizes other than listed above, please contact us

PETROL PUMP HOSE



Applications	For dispensing petrol.
Tube	Petrol resistant synthetic rubber
Reinforcement	High tensile synthetic textile filament yarn, with built-in conductive wire to provide electrical continuity
Cover	Petrol, ozone and weather resistant synthetic rubber
Marking	INTER PETROL PUMP HOSE BS 3395/1 ID MM



Nominal ID		ID	OD	WP		BP		L	Product code
Inch	mm	mm	mm	bar	PSI	bar	PSI	m	
5/8	16	16.0	26.0	10	150	40	600	60	AZNP16BSF01
3/4	19	19.0	32.0	10	150	40	600	60	AZNP19BSF01
1	25	25.4	38.0	10	150	40	600	30	AZNP25BSC01

For sizes other than listed above, please contact us

MULTI-PURPOSE HOSE



Applications	A premium quality hose for multi-purpose applications. Suitable for conveying air, water, fuel, oil and other common solvents.
Tube	Oil resistant synthetic rubber.
Reinforcement	High tensile synthetic textile filament yarn.
Cover	Oil and weather resistant synthetic rubber.
Marking	INTER MULTI-PURPOSE HOSE ID" (ID MM) WP 300 PSI



Nominal ID		ID	OD	WP		BP		L	Product code
Inch	mm	mm	mm	bar	PSI	bar	PSI	m	
1/4	6	6.3	13.5	20	300	60	900	100	AXXM06RSJ01
5/16	8	8.0	15.0	20	300	60	900	100	AXXM08RSJ01
3/8	9	9.5	17.5	20	300	60	900	100	AXXM09RSJ01
1/2	12	12.7	21.0	20	300	60	900	100	AXXM12RSJ01
5/8	16	16.0	24.0	20	300	60	900	100	AXXM16RSJ01
3/4	19	19.0	29.0	20	300	60	900	100	AXXM19RSJ01
1	25	25.4	36.0	20	300	50	750	100	AXXM25RSJ01

For sizes other than listed above, please contact us



CHEMICAL HOSE



UHMWPE CHEMICAL SUCTION & DISCHARGE HOSE

Air Hose

Water Hose



Applications

Designed to handle wide range of chemicals, solvents and corrosive liquids in both suction and discharge service.

Tube

Ultra high molecular weight polyethylene (UHMWPE)

Reinforcement

High tensile synthetic fabric with steel helical embedded wire

Cover

EPDM rubber – High chemical, ozone and weather resistant synthetic rubber



INTERMITTENT

Marking

INTER UPE240 UHMWPE CHEMICAL S&D HOSE - BP 960PSI - WP240PSI

IVORY WHITE TUBE



Nominal ID		ID	OD	WP		BP		Product code	
Inch	mm	mm	mm	bar	PSI	bar	PSI	40M	60M
1	25	25.4	37.4	16	240	64	960	BB-41002U	BB-61002U
1.1/4	32	31.8	43.8	16	240	64	960	BB-41003U	BB-61003U
1.1/2	38	38.1	50.5	16	240	64	960	BB-41004U	BB-61004U
2	51	50.8	63.2	16	240	64	960	BB-41005U	BB-61005U
2.1/2	63	63.5	77.1	16	240	64	960	BB-41006U	BB-61006U
3	76	76.2	91.0	16	240	64	960	BB-41007U	BB-61007U
4	102	101.6	118.0	16	240	64	960	BB-41009U	BB-61009U

For sizes other than listed above, please contact us

Marking

INTER UHMWPE CHEMICAL S&D HOSE IDmm 16 BAR W.P.

BLACK TUBE



Nominal ID		ID	OD	WP		BP		L	Product code
Inch	mm	mm	mm	bar	PSI	bar	PSI	M	
2	51	50.8	63.0	16	240	64	960	30	BX-BB001
2.1/2	63	63.5	77.0	16	240	64	960	30	BX-BB002
3	76	76.2	92.0	16	240	64	960	30	BX-BB003

For sizes other than listed above, please contact us



CAUTION: Consult the chemical resistance chart and safety warning for each application. It is advisable to test the tube material under actual service conditions prior to initial use.

Chemical or Material Conveyed	UHMWPE	XLPE	Chemical or Material Conveyed	UHMWPE	XLPE	Chemical or Material Conveyed	UHMWPE	XLPE	Chemical or Material Conveyed	UHMWPE	XLPE
ACETIC ACID, GLACIAL	E	E	CASTOR OIL	E	E	HYDROGEN PEROXIDE 10%	G	G	SEWAGE	E	E
ACETIC ACID-10%	E	E	CELLOSOLVE ACETATE	E	E	HYDROGEN PEROXIDE OVER 10%	E	C	SILICONE OIL	E	
ACETIC ACID-50%	E	G	CHLORINATED SOLVENTS		G	HYDROGEN SULFIDE (WET)	E	E	SOAP SOLUTIONS	E	E
ACETIC ANHYDRIDE	G	E	CHLOROACETIC ACID	E	E	ISOOCTANE	E	E	SODA ASH	E	E
ACETONE	E	E	CHLOROSULFONIC ACID	X	X	ISOPROPYL ALCOHOL	E	E	SODIUM BICARBONATE	E	E
ACETYLENE	E	E	CITRIC ACID	E	E	JET FUELS	E	E	SODIUM BISULFATE	E	E
AIR, +300F	X		COAL OIL	E	E	KEROSENE	E	E	SODIUM CHLORIDE	E	E
ALUMINUM CHLORIDE (AQ) - 40%	E	E	COAL TAR	E	E	LACQUER SOLVENTS	G	G	SODIUM CYANIDE	E	E
ALUMINUM FLUORIDE	E	E	COAL TAR NAPHTHA		E	LACTIC ACID - COLD	E	E	SODIUM HYDROXIDE (CAUSTIC SODA)	E	E
ALUMINUM SULFATE (AQ)	E	E	COKE OVEN GAS		E	LAVENDER OIL	G	G	SODIUM HYPOCHLORITE	E	G
ALUMS-NH3-CR-K	E	E	COPPER CHLORIDE	E	E	LINSEED OIL	E	E	SODIUM METAPHOSPHATE	E	E
AMMONIUM CHLORIDE (AQ)	E	E	COPPER SULFATE	E	E	LUBRICATING OILS, SAE	E	E	SODIUM NITRATE	E	E
AMMONIUM HYDROXIDE	E	E	CORN OIL	E	E	MAGNESIUM CHLORIDE	E	E	SODIUM PERBORATE	E	E
AMMONIUM NITRATE (AQ)	E	E	COTTONSEED OIL	E	E	MAGNESIUM HYDRATE	E		SODIUM PEROXIDE	E	E
AMMONIUM PHOSPHATE, DIBASIC	E	E	CREOSOTE	E	E	MAGNESIUM SULFATE	E	E	SODIUM PHOSPHATE	E	E
AMMONIUM SULPHATE (AQ)	E	E	CRESOLS	E	E	MERCURY	E	E	SODIUM SILICATE	E	
AMYL ACETATE	E	E	CRUDE OIL	E	E	METHYL ACETATE	E	E	SODIUM SULFATE	E	E
AMYL ALCOHOL	E	E	DICHLOROETHYL ETHER		E	METHYL ACETONE	E		SODIUM SULFIDE	E	
ANILINE	E	E	DIESEL OIL	E	C	METHYL ALCOHOL	E	E	SODIUM THIOSULFATE	E	E
ANILINE DYES	E	E	DIETHANOLAMINE	E		METHYL CHLORIDE	E	G	SOYBEAN OIL	E	E
ANIMAL FATS	E	E	DIETHYLAMINE	E	C	METHYL ETHYL KETONE	E	E	STANNIC CHLORIDE	E	E
ASPHALT	X	X	ETHYL ACETATE	E	C	METHYL TERTIARY BUTYL ETHER	G		STEARIC ACID	E	E
BANANA OIL	E	E	ETHYL ALCOHOL	E	E	MINERAL OIL	E	E	SULFUR	E	X
BARIUM CHLORIDE (AQ)	E	E	ETHYL CELLULOSE	E	E	NAPHTHA	E	E	SULFUR CHLORIDE	E	E
BARIUM HYDROXIDE (AQ)	E	E	ETHYL CHLORIDE	G	G	NAPHTHALENE	E	E	SULFUR DIOXIDE	G	C
BARIUM SULFIDE (AQ)	E	E	ETHYLENE GLYCOL	E	C	NICKEL CHLORIDE	E	E	SULFUR TRIOXIDE, DRY	X	G
BEER	E	E	FATTY ACIDS	E	E	NICKEL SULFATE	E	E	SULFURIC ACID 60% (200F)	X	X
BEET SUGAR LIQUORS	E	E	FERRIC CHLORIDE	E	E	NITROBENZENE	E	E	SULFURIC ACID, 25%	E	E
BENZENE	E	E	FERRIC SULFATE	E	E	NITROGEN	E	E	SULFURIC ACID, 25% - 50%	E	E
BENZINE		E	FORMALDEHYDE	E	E	OCTANOL	E	E	SULFURIC ACID, 50% - 96%	E	E
BENZOL	G		FORMALIN		E	OLEIC ACID	E	E	SULFURIC ACID, CONC. 96% TO	E	C
BLACK SULFATE LIQUOR	E		FORMIC ACID	E	E	OLEUM (FUMING SULFURIC ACID)	X	X	SULFURIC ACID, FUMING	X	X
BORAX SOLUTION	E	E	FUEL OIL	E	E	OLIVE OIL	G	C	SULFUROUS ACID, 10%	E	E
BORIC ACID	E	E	FURFURAL	E	E	OXALIC ACID	E	C	SULFUROUS ACID, 10% - 85%	E	E
BUNKER OIL	E	E	GALLIC ACID	E	C	PALMITIC ACID	E	G	TANNIC ACID	E	E
BUTANE	E	E	GASOLINE	G	G	PARAFFIN WAX	E	X	TARTARIC ACID	E	E
BUTYL ACETATE	E	E	GLUCOSE	E	E	PENTACHLOROETHANE		E	TOLUENE	E	E
BUTYL ALCOHOL	E	E	GLYCERINE	E	C	PETROLEUM CRUDE	E	E	TRICHLOROETHYLENE	G	G
BUTYL CHLORIDE	C	G	GREASE, PETROLEUM BASE	E	G	PHENOL	E	E	UREA	E	E
CALCIUM CHLORIDE	E	E	GREEN SULFATE LIQUOR	E	E	PHOSPHORIC ACID 10%	E	E	VINEGAR	X	X
CALCIUM HYDROXIDE	E	E	HYDRAULIC OIL, PETROLEUM	E	E	PINE OIL	E	E	VINYL ACETATE	E	E
CALCIUM HYPOCHLORITE	C	C	HYDROBROMIC ACID	G	C	POTASSIUM CHLORIDE	E		WATER	E	E
CARBOLIC ACID (PHENOL)	E	E	HYDROCHLORIC ACID	E	E	POTASSIUM CYANIDE	E	E	WATER, BOILING	X	X
CARBON DIOXIDE	E	E	HYDROCYANIC ACID	E		POTASSIUM HYDROXIDE	G	E	WHISKEY	X	X
CARBON DISULFIDE	E	C	HYDROFLUORIC ACID	E	C	POTASSIUM SULFATE	E	E	WOOD ALCOHOL	E	E
CARBON MONOXIDE	E	E	HYDROFLUOSILICIC ACID	G	C	PROPANOL		E	XYLENE, XYLOL	C	C
CARBON TETRACHLORIDE	G	E	HYDROGEN GAS	E	E	SEA WATER	E	E			

Air Hose

Water Hose

Gas & Welding Hose

Abrasive Material Hose

Oil / Petroleum Hose

Chemical Hose

Automotive Hose

KEY : E = Excellent service; suitable for continuous use.

G = Good service; suitable for continuous use and suitable for intermittent use.

C = Conditional.

X = Not recommended.



AUTOMOTIVE HOSE



CAR HEATER HOSE



Applications	For use in connecting engine heater system in the coolant circulating system.
Tube	Glycol resistant synthetic rubber
Reinforcement	High tensile synthetic textile filament yarn
Cover	Oil and weather resistant synthetic rubber
Marking	INTER CAR HEATER HOSE ID" SAE J20 R3 D1 WP 75 PSI



SAE J20 R3 D1



Nominal ID		ID	OD	WP		BP		L	Product code
Inch	mm	mm	mm	bar	PSI	bar	PSI	m	
5/16	8	8.0	16.0	5	75	20	300	50	AZNH08BSE01
3/8	9	9.5	17.5	5	75	20	300	50	AZNH09BSE02
1/2	12	12.7	20.0	5	75	20	300	50	AZNH12BSE01
5/8	16	16.0	24.0	5	75	20	300	50	AZNH16BSE02
3/4	19	19.0	27.0	5	75	20	300	50	AZNH19BSE01
1	25	25.4	36.0	5	75	20	300	50	AZNH25BSE01

Also available in 20m lengths, please contact us

CNG / LPG HOSE



Applications	For conveying CNG (Compressed Natural Gas) or LPG (Liquefied Petroleum Gas) in automotive lines.
Tube	CNG/LPG resistant synthetic rubber
Reinforcement	High tensile synthetic textile filament yarn
Cover	Oil, ozone and weather resistant synthetic rubber
Marking	INTER CNG/LPG HOSE -ECE R110 / ECE R87 -CLASS 2- ID MM - WP 20 BAR = EUROPEAN TECHNOLOGY



*ECE R110 / ECE R67 CLASS 2



Nominal ID		ID	OD	WP		BP		L	Product code
Inch	mm	mm	mm	bar	PSI	bar	PSI	m	
5/32	4	4.0	10.0	20	300	40	600	25	AZNL04BSZ01
3/16	5	5.0	11.0	20	300	40	600	25	AZNL05BSZ01
1/4	6	6.0	13.0	20	300	30	450	25	AZNL06BSZ01
5/16	8	8.0	15.0	20	300	60	900	25	AZNL08BSZ01
3/8	10	10.0	17.0	20	300	60	900	25	AZNL10BSZ01
7/16	11	11.0	18.0	20	300	60	900	25	AZNL11BSZ01
1/2	12	12.0	19.0	20	300	60	900	25	AZNL12BSZ01
5/8	16	16.0	24.0	20	300	60	900	25	AZNL16BSZ01
3/4	19	19.0	27.0	20	300	60	900	25	AZNL19BSZ01

Also available in 15m lengths, please contact us

FUEL / OIL HOSE : R6

Air Hose

Water Hose

Gas & Welding
Hose

Abrasive Material
Hose

Oil / Petroleum
Hose

Chemical
Hose

Automotive
Hose



SAE J30 R6



Applications

For conveying fuel/oil in automotive lines and for general usage in contact with fuel/oil.

Tube

Fuel/oil resistant synthetic rubber

Reinforcement

High tensile synthetic textile filament yarn

Cover

Fuel/oil, ozone and weather resistant synthetic rubber

Marking

INTER FUEL/OIL HOSE SAE J30 R6 ID" WP 300 PSI



Nominal ID		ID	OD	WP		BP		L	Product code
Inch	mm	mm	mm	bar	PSI	bar	PSI	M	
1/8	3	3.2	10.0	20	300	60	900	50	AZNU03BSE01
5/32	4	4.0	11.0	20	300	60	900	50	AZNU04BSE01
3/16	5	5.0	12.0	20	300	60	900	50	AZNU05BSE01
1/4	6	6.3	13.3	20	300	60	900	50	AZNU06BSE01
5/16	8	8.0	15.0	20	300	60	900	50	AZNU08BSE01
3/8	9	9.5	16.5	20	300	60	900	50	AZNU09BSE01
7/16	11	11.1	18.4	20	300	60	900	50	AZNU11BSE01
1/2	12	12.7	20.0	20	300	60	900	50	AZNU12BSE01
5/8	16	16.0	24.0	20	300	60	900	50	AZNU16BSE01
3/4	19	19.0	29.0	20	300	60	900	50	AZNU19BSE01
1	25	25.4	36.0	20	300	50	750	50	AZNU25BSE01

Also available in 20m, 25m, 30m lengths, please contact us

FUEL / OIL HOSE (Gasohol E20/E85) : R7



SAE J30 R7



Applications

Most suitable for conveying ethanol blended gasoline (E20/85) in combustion engines and for general usage in contact with fuel/oil.

Tube

Fuel/oil resistant synthetic rubber

Reinforcement

High tensile synthetic textile filament yarn

Cover

Fuel/oil, ozone and weather resistant synthetic rubber

Marking

INTER FUEL HOSE ID" SAE J30 R7 WP 300 PSI BP 900 PSI GASOHOL E20/E85



Nominal ID		ID	OD	WP		BP		L	Product code
Inch	mm	mm	mm	bar	PSI	bar	PSI	M	
1/8	3	3.2	10.0	20	300	60	900	25	AZNU03BSZ01
5/32	4	4.0	11.0	20	300	60	900	25	AZNU04BSZ01
3/16	5	5.0	10.5	20	300	60	900	25	AZNU05BSZ02
1/4	6	6.3	13.3	20	300	60	900	25	AZNU06BSZ03
5/16	8	8.0	15.0	20	300	60	900	25	AZNU08BSZ03
3/8	9	9.5	16.5	20	300	60	900	25	AZNU09BSZ03
7/16	11	11.1	18.4	20	300	60	900	25	AZNU11BSZ02
1/2	12	12.7	20.0	20	300	60	900	25	AZNU12BSZ02
5/8	16	16.0	24.0	20	300	60	900	25	AZNU16BSZ03
3/4	19	19.0	29.0	20	300	60	900	25	AZNU19BSZ01
1	25	25.4	36.0	20	300	50	750	25	AZNU25BSZ01

Also available in 10m, 15m lengths, please contact us

FUEL INJECTION HOSE: R9



Applications	Most suitable for conveying gasoline, gasohol E10/E20/E85, diesel, bio-diesel in combustion engines. Designed specifically for fuel injection systems
Tube	Exceptionally low-permeation and chemical resistant FKM <Fluoroelastomer> with thermoplastic lining
Reinforcement	Premium Kevlar® Aramid yarn provides exceptional hose integrity in high temperature environment
Cover	Excellent - oil, ozone and high temperature resistant
Marking	INTER FUEL INJECTION HOSE ID" SAE J30 R9 WP 300 PSI GASOHOL E20/E85



INTERMITTENT

SAE J30 R9



Nominal ID		ID	OD	WP		BP		L	Product code
Inch	mm	mm	mm	bar	PSI	bar	PSI	m	
5/16	8	8.0	14.5	20	300	60	900	5	AZNU08BS101

For sizes other than listed above, please contact us

SUBMERSIBLE FUEL HOSE: R10



Applications	Designed for constant contact with gasoline, other liquefied petroleum on both the inside and the outside of the hose
Tube	Exceptionally low-permeation and chemical resistant FKM <Fluoroelastomer>
Reinforcement	Premium Kevlar® Aramid yarn provides exceptional hose integrity in high temperature environment
Cover	Excellent - oil, ozone and high temperature resistant
Marking	INTER SUBMERSIBLE FUEL HOSE ID" SAE J30 R10 WP300PSI > FKM/ARAMID > E10/E20/E85



INTERMITTENT

SAE J30 R10



Nominal ID		ID	OD	WP		BP		L	Product code
Inch	mm	mm	mm	bar	PSI	bar	PSI	m	
5/16	8	8.0	14.5	20	300	60	900	0.3	AZNU08BSI21

Also available in 20m lengths, please contact us

AIR CONDITIONING HOSE



Applications

For conveying freon R-12 and R-134a in automotive air conditioning systems.

Tube

Oil and freon resistant synthetic rubber

Reinforcement

High tensile synthetic textile filament yarn

Cover

Oil, ozone and weather resistant synthetic rubber

Marking

JNER AIR CONDITIONING HOSE R-12 -ID MM- DIS
JNER AIR CONDITIONING HOSE NT TYPE -ID MM- DIS



NT type for R-134a

SAE J2064 E1



Nominal ID		ID	OD	WP		BP		L	Product code
Inch	mm	mm	mm	bar	PSI	bar	PSI	M	
5/16	8	8.2	15.7	30	450	120	1800	100	AZNR08BSJ03
13/32	10	11.0	19.0	30	450	120	1800	100	AZNR10BSJ03
5/8	15	15.2	23.0	15	225	60	900	100	AZNR15BSJ03

SAE J51 A2



for R-12

Nominal ID		ID	OD	WP		BP		L	Product code
Inch	mm	mm	mm	bar	PSI	bar	PSI	M	
5/16	8	7.9	18.3	30	450	120	1800	100	AZNR08BSJ01
13/32	10	10.6	22.3	30	450	120	1800	100	AZNR10BSJ01
1/2	13	12.9	22.3	20	300	80	1200	100	AZNR13BSJ01



BRAKE HOSE



Applications	Air Brake Hose For use in automotive air brake system. Vacuum Brake Hose For use in automotive vacuum brake system.
Tube	Oil resistant synthetic rubber
Reinforcement	High tensile synthetic textile filament yarn
Cover	Heat and ozone resistant synthetic rubber
Marking	INTER AIR BRAKE HOSE ID" SAE J1402 INTER VACUUM BRAKE HOSE ID" SAE J1403 VL



Air Brake Hose

SAE J1402



Nominal ID		ID	OD	WP		BP		L	Product code
Inch	mm	mm	mm	bar	PSI	bar	PSI	m	
3/8	9	9.5	19.0	10	150	62	930	50	AXXE09BSE01
1/2	12	12.7	22.3	10	150	62	930	50	AXXE12BSE01



Vacuum Brake Hose

SAE J1403



Nominal ID		ID	OD	WP		BP		L	Product code
Inch	mm	mm	mm	bar	PSI	bar	PSI	m	
11/32	8	8.7	17.5	10	150	30	450	50	AXXV08BSE01
15/32	12	11.9	20.7	10	150	30	450	50	AXXV12BSE01

TRAINLINE AIR BRAKE HOSE



Applications	Designed for brake pipe applications and other locomotive engines.
Tube	Oil resistant synthetic elastomer
Reinforcement	High tensile synthetic fabric
Cover	Oil, ozone, weather and abrasion resistant synthetic elastomer



AAR M-601
AS 2435



Nominal ID		ID	OD	WP		BP		L	Product code
Inch	mm	mm	mm	bar	PSI	bar	PSI	Inch	
1.3/8	35	34.92	52.39	13.50	200	68.00	1000	22	BR-42007
1.3/8	35	34.92	52.39	13.50	200	68.00	1000	33	BR-42008
1.7/16	37	36.51	53.98	13.50	200	68.00	1000	22	BR-42009
1.7/16	37	36.51	53.98	13.50	200	68.00	1000	33	BR-42010

For sizes other than listed above, please contact us

RADIATOR HOSE

Air Hose

Water Hose



Applications

Designed for coolant transfer from radiator as well as through other components in automotive cooling system.

Tube

Black EPDM

Reinforcement

High tensile textile cords

Cover

Heat, abrasion and weather resistant synthetic rubber

Marking

INTER RADIATOR HOSE ID mm DIN 73411 WP 75 PSI (5 BAR)



DIN 73411



Nominal ID		ID	OD	WP		BP		L	Product code
Inch	mm	mm	mm	bar	PSI	bar	PSI	M	
7/8"	22	22.0	30.0	5	75	15	225	1	BG-42002
1"	25	25.4	33.0	5	75	15	225	1	BG-42003
1.1/8"	28	28.0	36.0	5	75	15	225	1	BG-42004
1.1/4"	32	31.8	40.0	5	75	15	225	1	BG-42005
1.3/8"	35	35.0	43.0	5	75	15	225	1	BG-42006
1.1/2"	38	38.0	48.0	5	75	15	225	1	BG-42007
1.5/8"	42	42.0	52.0	5	75	15	225	1	BG-42008
1.3/4"	45	45.0	55.0	5	75	15	225	1	BG-42009
1.7/8"	48	48.0	60.0	5	75	15	225	1	BG-42010
2"	51	50.8	61.0	5	75	15	225	1	BG-42011
2.1/8"	55	55.0	65.0	5	75	15	225	1	BG-42012
2.1/4"	57	57.0	67.0	5	75	15	225	1	BG-42013
2.3/8"	60	60.0	70.0	5	75	15	225	1	BG-42014
2.1/2"	63	63.0	73.0	5	75	15	225	1	BG-42015
2.3/4"	70	70.0	80.0	5	75	15	225	1	BG-42016
3"	76	76.0	86.0	5	75	15	225	1	BG-42017
3.1/8"	80	80.0	90.0	5	75	15	225	1	BG-42018
3.1/2"	90	90.0	102.0	5	75	15	225	1	BG-42019
4"	102	102.0	114.0	5	75	15	225	1	BG-42020
4.1/2"	114	114.3	126.1	5	75	15	225	1	BG-42021
5"	127	127.0	137.0	5	75	15	225	1	BG-42022

For sizes other than listed above, please contact us



TRANSMISSION OIL COOLER HOSE



Applications	Most suitable for conveying transmission oil fluid in external transmission oil coolers
Tube	Transmission oil and heat resistant synthetic rubber
Reinforcement	High tensile synthetic textile filament yarn
Cover	Transmission oil, ozone and weather resistant synthetic rubber
Marking	INTER TRANSMISSION OIL COOLER HOSE ID" SAE J1532 TYPE B CLASS 1 WP 300 PSI BP 900 PSI



SAE J1532 TYPE B
CLASS 1



Nominal ID		ID	OD	WP		BP		L	Product code
Inch	mm	mm	mm	bar	PSI	bar	PSI	m	
5/16	8	8.0	15.0	20	300	60	900	25	AZNC08BSZ01
3/8	9	9.5	16.5	20	300	60	900	25	AZNC09BSZ01
7/16	11	11.1	18.4	20	300	60	900	25	AZNC11BSZ01
1/2	12	12.7	20.0	20	300	60	900	25	AZNC12BSZ01

WINDSHIELD WASHER TUBING



Applications	For use in automotive windshield washing system.
Tube	Ozone and tear resistant synthetic rubber, resistant to windshield washer solution.
Marking	INTER WINDSHIELD WASHER TUBING ID MM SAE J1037



SAE J1037



Nominal ID		ID	OD	WP		BP		L	Product code
Inch	mm	mm	mm	bar	PSI	bar	PSI	m	
1/8	3	3.0	6.0	2	30	8	120	50	AZNC03BSE01
5/32	4	4.0	7.0	2	30	8	120	50	AZNC04BSE01
3/16	5	5.0	8.0	2	30	8	120	50	AZNC05BSE01
7/32	5.5	5.5	9.0	2	30	8	120	50	AZNC05BSE02
1/4	6	6.3	10.0	2	30	8	120	50	AZNC06BSE01

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