INDUSTRY PRODUCTS CATALOGUE

















Chief RUBBER is a manufacturer specializing in rubber and rubber related products.

CR (Chief rubber) has changed since its founding in 2007, but one thing has always remained the same. This is our commitment to develop, produce and deliver products and services on time.

The product range is designed to cater to many users across abroad spectrum of industries encompassing North American, Europe, Middle East, South east Asia and Africa including.....

- General & Specialized engineering
- Welders & Steel fabricators
- Abattoirs & Food processing plants
- Truck & Machinery repairers
- Transport Industry
- Mines & Quarries
- Manufacturing plants
- Grain handling & Grain processing plants
- Agribusiness
- Educational Institutions
- General trades people

Products include the following.....

- Sheet & strip rubber
- Slid & sponge rubber extrusions
- Specialized rubber foof grade, abrasive resistant, high/low temp, chemical resistant + + +
- Made to spec chutes & cut to spec rubber
- Skirting rubber
- Foam & rubber weather seals
- Workshop & Anti-fatigue Matting
- Ute Matting
- Livestock Matting

As an independent business we stock only quality product to provide the best results for your needs

This Product Catalogue is designed to be an overview of our product base – it does not convey all that is available in our factory. If there is something specific you need, please give us a call or email.

"Max your resluts with Chief rubber"

Sucre Li



1-501 RM. NO.28 Building NO.216 heyuan road Qingdao China 266113 Cellphone:+86 137 9321 0283

GENERAL PROPERTIES OF RUBBER (ELASTOMERS)

The following table provides a general overview of the various common rubber compounds available. Basic elastomers are mixed with a variety of chemicals plus natural and synthetic polymers to deliver different physical properties.

properties.			
Common Name	General Properties	Resistant to:	Not Resistant to:
Natural rubber NR Isoprene, Natural	Excellent physical properties including abrasion and low temperature resistance. Poor resistance to petroleum-based fluids	Most moderate chemicals, organic acids, alcohols, ketones and aldehydes	Ozone, strong acids, fats, oils, fuel, solvents, petroleum derivatives, hydraulic fluids, greases and most hydro-carbons
Neoprene CR Chloroprene	Good weathering resistance, resilience and abrasion. Flame retarding. Moderate resistance to petroleum- based fluids	Most moderate chemicals & acids, ozone, oils, fats, petroleum, grease, animal & vegetable oils, refrigerants, steam & CO ²	Strong oxidizing acids, esters, ketones, chlorinated, aromatic & nitro hydrocarbons
Nitrile Buna-N Nitrile-butadiene	Excellent resistance to petroleum-based fluids. Good physical properties against tear, abrasion & heat aging	Many hydrocarbons, fats, oils, petroleum, solvents, mineral & vegetable oils, fuels, greases, hydraulic fluids & many chemicals	Ozone & weathering, ketones, esters, aldehydes, chlorinated & nitro hydrocarbons
EPDM Ethylene Propylene Diene Modified	Excellent resistance to ozone, weather, UV plus a wide range of chemicals, steam & water	Animal & vegetable oils, ozone, weathering, strong & oxidising chemicals, alkalis, brake fluid & hydraulic fluids	Mineral oils & solvents, petroleum oils & fluids, aliphatic & aromatic hydrocarbons
Butyl BR Isobutylene- isoprene	Very good UV & ozone resistance & dielectric properties. Low permeability to air & gases. Excellent chemical & high temp resistance	Animal & vegetable fats, oils, greases, oxygenated solvents, alkalis, strong & oxidising chemicals, ammonia & corrosive acids	Petroleum oils, fluids & solvents. Tar & diester-based lubricants & solvents. Aliphatic & aromatic hydrocarbons
SBR Styrene Butadiene	Similar properties to natural rubber but with better low temp flexibility, heat aging, resistance to water and abrasion plus alcohol & oxygenated solvents	Most moderate chemicals, organic acids, alcohols, ketones and aldehydes	Ozone, strong acids, fats, oils, greases and most hydrocarbons
Silicone Q, Si Polysiloxane	Excellent temperature range flexibility & resilience. Generally, chemically inert & non –toxic, excellent weathering and resistant to many chemicals	Wide range of chemicals, ozone, oxygen, UV, moisture & fungi.	Concentrated acids & alkali, some solvents & oils, sodium hydroxide & steam

The information provided in this table comes from a range of different sources and as such should be used as a guide only. For more precise information please seek individual specifications supplies by us.



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RUBBER SHEET

NATURAL RUBBER INSERTION – COMMERCIAL GRADE

Commercial Grade Natural Rubber Insertion is a

general-purpose natural rubber, reinforced with one or more cotton fabric plies to improve tear strength and dimensional stability. It has good physical properties including moderate abrasion resistant and low temperature flexibility and is used for a wide range of noncritical applications.



It has low resistant to petroleum-based fluids and organic solvents.

Width:	1800mm(max)		
Length:	Any length longer than 2m		
Thickness:	From 1mm to 50mm		
Standard Color:	black		
Specification:	Test Method	Unit	Test Result
Hardness	ASTM D2240	Shore A	45-85
100% Modulus	ASTM D-412	kgf/cm2	24
Tensile Strength	JIS K6301	kgf/cm2	48
Elongation	JIS K6301	%	275
Tear Strength	ASTM D-412 kgf/cm 25		
	* Any fabric insertion ava	ilable for request.	



Commercial Natural Rubber Strip – cut to popular widths for a multitude of different applications. Ideal for around shed doors, draught seals, vermin control, mud flaps, chassis rail strip, gaskets, rubber strapping, seals, isolation mounting, limited vibration control, stone protection.

For home, farm, business, work site and industry, for non-critical applications.

Any width can be customized.

Other grades of rubber also available in strip form.



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NATURAL RUBBER INSERTION – PREMIUM GRADE with Nylon insertion

Premium Rubber Insertion is a premium grade rubber made from a blend of natural and synthetic polymers reinforced with a heavy -duty nylon cord fibre to deliver excellent tear strength and dimensional stability. It has excellent resilience and low temperature flexibility along with good compression set. It has a higher tensile strength to the commercial grade plus a better surfface finish.



Premium Rubber Insertion is used for wide range of more demanding applications such as 4WD mud flaps, truck mud flaps, machinery flaps, heavy duty skirts and curtains, sports net protection, horse float rail dividers.

PURE GUM 35

Pure Gum Rubber is an un-pigmented, highly elastic premium garde 35 Duro rubber with excellent resistance to cutting, tearing and abrasion.

Pure Gum has outstanding resilience and strength and has superior resistance to fine particle and wet slurry abrasion.

It contains no colour pigmentation and as such is suitable for applications where colour contamination is concern.

Pure Gum is not suitable for outdoor applications due to its poor resistance to weathering.



Pure Gum Rubber is used for a wide range of applications including seals and gaskets, vessel lining, diaphragm seals, vacuum blankets, pads and strips.

y length longer than 2m om 1mm to 50mm			
om 1mm to 50mm			
	From 1mm to 50mm		
n, Red			
Test Method	Unit	Test Result	
ASTM D2137	°C	-45℃ to 85℃	
ASTM D2240	Shore A	42	
ASTM D-412	psi	150	
JIS K6301	kgf/cm2	160	
ASTM D-412	psi	3000	
JIS K6301	%	600	
ASTM D-412	%	600	
ASTM D-412	kgf/cm	50	
	lbs/in	280	
D2000-M2-AA4071-A13-B33-F17			



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NEOPRENE (CR) RUBBER SHEET

Neoprene rubber sheet is a premium grade blended synthetic rubber made from 30% Neoprene polymer. It has excellent physical properties including good mechanical strength with moderate abrasion resistance and tear strength. It also gives good adhesion to metal. Neoprene rubber has good resistance to heat, steam, oils, fats, ozone, weathering oxidation, sunlight and refrigeration.



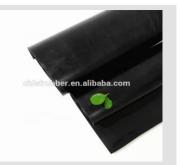
Neoprene also has good resistance to oils, acids, greases, inorganic hydrocarbons and other chemicals.

Neoprene rubber is used for a wide range of applications including skirting, seals and gaskets, pads and strips, tank and vessel lining, skirting and curtains and load bearing bases.

Width:	1800mm(max)			
Length:	Any length longer than 2m			
Thickness:	From 1mm to 25mm	From 1mm to 25mm		
Standard Color:	Black			
Specification:	Test Method	Unit	Test Result	
Hardness	ASTM D2240	Shore A	70+-5	
100% Modulus	ASTM D-412	kgf/cm2	87	
Tensile Strength	JIS K6301	kgf/cm2	98	
Elongation	JIS K6301	%	195	
Tear Strength	ASTM D-412	kgf/cm2	30	
Abrasion Resistance, 6 Lb	/3300 RPM			
	ASTM D-1042	C.C.	1.9	
	* Fabric insertion avai	lable for request.		

NITRILE (NBR) RUBBER SHEET

Nitile Rubber Sheet is a black premium grade 65 Duro synthetic rubber made from 100% Nitrile polymer which exhibits excellent resistance to petroleum-based fluids. Nitrile has the ability to resist long term exposure to fuel, oil and other hydrocarbons plus a wide range of chemicals, acids, alkalis, refrigerants, steam and carbon dioxide. Nitrile has good mechanical strength and abrasion resistance but has low resistant to weathering, sunlight and ozone.



Nitril Rubber is used for a wide range of applications including skirting and curtains, seals and gaskets, tank and vessel lining and general sealing.



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Width:	1800mm(max)		
Length:	Any length longer than 2m		
Thickness:	From 1mm to 25mm		
Standard Color:	Black		
Specification:	Test Method	Unit	Test Result
Hardness	ASTM D2240	Shore A	77+-5
100% Modulus	ASTM D-412	kgf/cm2	105
Tensile Strength	JIS K6301	kgf/cm2	107
Elongation	JIS K6301	%	123
Tear Strength	ASTM D-412	kgf/cm	31
* Fabric insertion available for request.			

WHITE NITRILE (NBR) RUBBER SHEET

White Nitrile Rubber sheet is a premium grade synthetic rubber made from 100% Nitrile polymer developed with superior resistance to food fats and oils a wide range of chemicals, acids, alkalis, animal fats and other hydrocarbons.

White Nitrile Rubber is made from FDA approved non-marking materials, making it ideal for applications involving long term exposure to food products. White Nitrile has good mechanical strength and abrasion resistance but has a low resistance to weathering, sunlight and ozone.



White Nitrile Rubber is used for a wide range of applications in the food handling and processing industries including skirting and curtains, seals and gaskets, lining and general sealing.

Width:	1800mm(max)			
Length:	Any length longer than 2m			
Thickness:	From 1mm to 25mm	From 1mm to 25mm		
Standard Color:	Black	Black		
Specification:	Test Method	Unit	Test Result	
Temperature range	ASTM D2137	°C	-30℃ to 110℃	
Hardness	ASTM D2240	Shore A	70+-5	
100% Modulus	ASTM D-412	psi	320	
T '' O (/'	JIS K6301	kgf/cm2	70	
Tensile Strength	ASTM D-412	psi	1000	
Elongation	JIS K6301	JIS K6301 % 350		
Tear Strength	ASTM D-624 kgf/cm 23			
ASTM Line Call	D2000-M5-BG608-A14-B14-EO34			
	* Fabric insertion ava	ailable for request.		

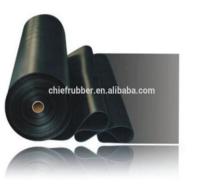


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EPDM

EPDM Rubber is a premium grade, 65/70 Duro synthetic rubber made from 100% EPDM polymer. It is has excellent ozone and high temperature resistance which makes it ideal for outdoor applications with long term exposure to weathering and UV.

EPDM Rubber has resistance to a wide range of chemicals, acids, alkalis, brake and hydraulic fluids, animal and vegetable oils, water, steam plus has excellent electrical insulating properties. EPDM Rubber is also suitable for prolonged



exposure to aquatic environments and will not deteriorate when submerged.

EPDM Rubber is used for a wide range of applications including seals and gaskets, skirting and curtains, pads and strips plus general sealing.

Width:	1800mm(max)			
Length:	Any length longer than 2m			
Thickness:	From 1mm to 25mm			
Standard Color:	Black			
Specification:	Test Method	Unit	Test Result	
Hardness	ASTM D2240	Shore A	77+-5	
100% Modulus	ASTM D-412	kgf/cm2	73	
Tensile Strength	JIS K6301	kgf/cm2	82	
Elongation	JIS K6301	%	188	
Tear Strength	ASTM D-412	kgf/cm	24	
Abrasion Resistance, 6 Lb/3300 RPM				
	ASTM D-1042 C.C. D.2.06			
* Fabric insertion available for request.				

BUTYL RUBBER

Butyl Rubber is a premium grade 100% synthetic rubber made from Bromo-butyl polymer. It has been developed for its excellent chemical, weathering and high temp resistance.

Butyl Rubber has very good resistance to corrosive acids & alkalis plus maintaining moderate abrasion resistance.

Butyl Rubber exhibits very good UV & ozone resistance & dielectric properties plus low permeability to air and gases.



Butyl Rubber is used for a wide range of critical applications including gaskets and seals, tank and vessel lining, pads and strips, transfer socks and chutes, skirting & curtains plus pond liners.



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SILICONE RUBBER

Silicone is an extremely resilient, totally synthetic rubber with excellent resistance to heat, weathering, ozone, mineral oils, moderate acids and alkalis plus a wide range of chemicals.

Silicone is impervious to UV light, is non-toxic, chemically inert and will retain is flexibility and properties over a wide temperature range. Silicone far out distances other elastomers in general service life, compression set resistance, electrical strength and non-stick properties. Available in red, white and transparent.All the silicone supplied, meets the requirements of FDA 21 CFR Part 177.2600, making it suitable for use in food manufacturing and handling applications.



Silicone Rubber is used for a wide range of applications including gaskets and seals, pads and strips, transfer socks and chutes, skirting and curtains.

Standard Size:	1M X 2M (Width by Length)		
Width:	1M or 1.22M, can be customized (48inch)		
Length:	5-20m, can be customized		
Thickness:	From 1mm to 10mm		
Standard Color:	Red (other colors are availa	able for request)	
Specification:	Test Method	Unit	Test Result
Temperature range	ASTM D2137	°C	-70℃ to 260℃
Specific Gravity	ASTM D792 g/cm3 1.25		
Hardness	ASTM D2240	Shore A	45-75 Shore A
Tensile Strength	JIS K6301	kgf/cm2	100
Elongation	JIS K6301 %		390
Breakdown Voltage	UL94HB KV		24
Volume Resistively	UL94HB	.cm	1 x 1015
Aging properties 1000C	Hardness Change		-7 shore A
Aging properties, 100oC, 72 hours	Tensile Strength C	Change	-26%
	Elongation Change		-7%
Oil Resistance	hardness change		-17 shore A
Properties, test by JIS #3	Tensile Strength Change		-35%
test oil, under 150oC, 72	Elongation Change		-6%
hours	Volume Change		+35%
* Fabric insertion available for request.			

OTHER SPECIALTY RUBBERS ARE AVAILABLE – please enquire....



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NATURAL RUBBER SKIRTING – 60Duro

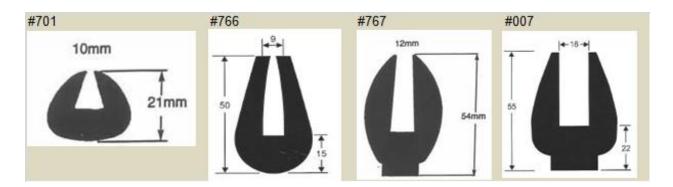
Natural Rubber Skirting is a general purpose 60 Duro natural rubber used as a sealing strip on conveyor systems or similar applications.

The hardness and wear properties of this rubber is specifically designed to ensure it will be worn by the conveyor belt once adjusted, creating a seal and reducing both material spillage and dust escaping. This also eliminates the potential for the skirting rubber to wear the conveyor belt cover.



Width:	Customized	
Length:	Any length longer than 2m	
Thickness:	From 1mm to 50mm	
Standard Color:	Black	

SCREEN DECK RUBBER – CAPPING RUBBER



Minimum quantity orders may apply - most rolls x 20mts MOQ

OTHER PROFILES AVAILABLE - Minimum Order quantities apply - POA

SOLID RUBBER WHEEL CHOCKS



All available in custom widths - other profiles available



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RUBBER BUFFERS - Indistrial, Agriculture & Automotive applications



Length 155mm Width 65mm Height 75mm



Length 195mm Width 55mm Height 50mm



Length 150mm Width 75mm Height 90mm



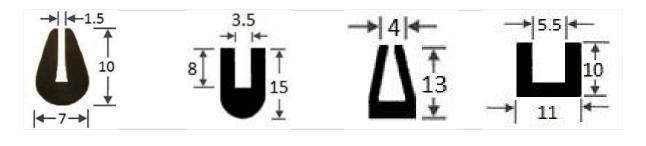
Length 197mm Width 144mm Height 93mm

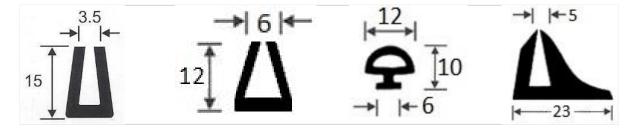
RUBBER – DOOR ACCESS RAMPS

Made from recycled rubber – heavy with good grip Reduce trip hazards with low ramp angle

Model	Dimensions	
#1	900 x 200 x 25-0mm	
#2	1067 x 305 x 32-0mm	
#3	1270 x 457 x 44-0mm	
#4	1524 x 610 x 55-0mm	MADE TO MEASURE

RUBBER & PVC EXTRUSIONS - SOLID





Minimum quantity orders may apply - most rolls x 20mts MOQ

OTHER PROFILES AVAILABLE - Minimum Order quantities apply - POA



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RUBBER & ANTI-SLIP (ANTI-FATIGUE) MATTING

Premium Ute Matting

Better compound Max width 1830mm 10mm thick

Large Stud Matting

Max width 1500mm Thick 3mm-7mm

Tread-plate Mat Fully remped Stand Alone Mat

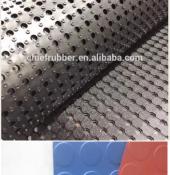
Max width 1500mm Thick 3mm-7mm Tough & comfortable

Fine Rib colorful Rubber Matting

Max width 1500mm Thick 3mm-10mm

Thin Narrow Rib

Max width 1500mm Thick 3mm-7mm

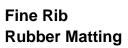






Anti-fatigue Matting

Nitrile (pink & black) Oil & Fuel Resistant



Max width 2000mm Thick 3mm-10mm

Checker Plate Rubber Matting

Max width 1500mm Thick 3mm-7mm

Big (Broad) Rib

Max width 2000mm Thick 3mm-12mm

Dome Matting Rubber Anti-fatigue MAT

Max width 1200mm Thick 3mm-7mm









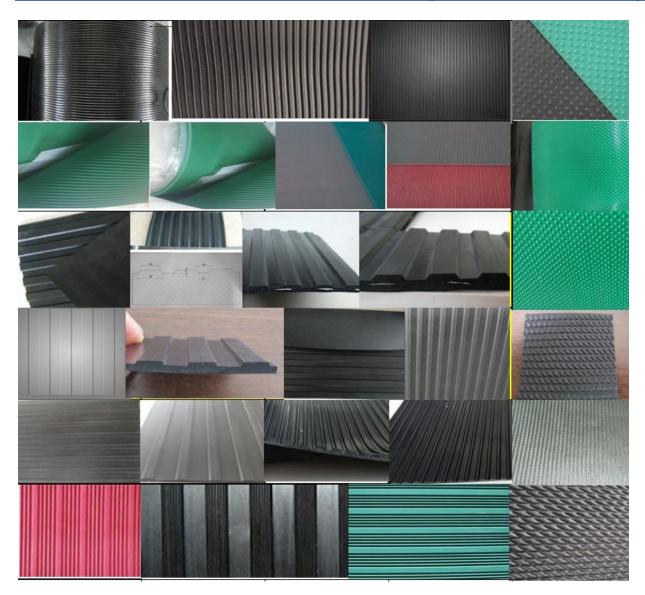


OTHER SPECIALTY RUBBERS ARE AVAILABLE – please enquire....

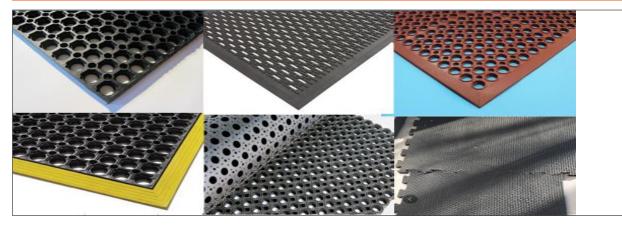


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RUBBER & ANTI FATIGUE MATTING (MORE PATTERNS)



WORKSHOP & ANTI FATIGUE RUBBER MATS



Not all patterns are shown....



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RUBBER MATTING & MATS – LIVESTOCK











Turtle Back Insertion fabric

Max width 2000mm Thick 8mm-20mm

Small Squared Mat

Width 1830mm Length 1220mm Thick 12mm

Small Diamond

Max width 2000mm Thick 33mm

Diamond with Hammer top Insertion fabric

Max width 2000mm Thick 17mm or 20mm

Tailgate Mat

1500mm W x 1750mm L Molded cleats-good grip

Chief Rubbe



Big Cow hoof

Max width 1830mm Thick 19mm

Width 1830mm

Length 1220mm

Big Diamond Insertion fabric

Max width 1800mm

Small Diamond Insertion fabric

Max width 1700mm

Thick 17mm or 20mm

Big Tailgate Mat

1200mm W x 2400mm L

Molded cleats-good grip

Thick 20mm

Thick 17mm

Studded Stable Mat





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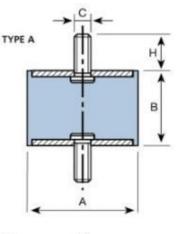
RATION -ISOLAT IO N MOUNTS TYPE



Chief rubber Anti-vibration Mounts come in a Chief Rubber Large selection of sizes and various style to Suit a wide range of applications.

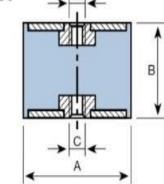
Ideal for electric & petrol motors, pumps, generators, air compressors, control & instrument panels, exhaust & radiator supports plus more – easy to install.

TYPE A – Male / Male

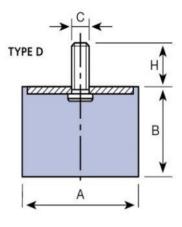








TYPE D – Male Buffer



Also available as a female buffer

Different size – POA



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RUBBER HOSE (HIGH PRESSURE)

A single steel wire braided hydraulic hose

Construction:

This hose shall consist of an inner tube of oil resistant synthetic rubber, a single steel wire braid reinforcement, and an oil and weather resistant synthetic rubber cover.

Applications:

This section covers hose for use with petroleum base hydraulic fluids within a temperature range of -40°C ~ +100°C.

Steel wire braided hydraulic hose

Construction:

This hose consist of an inner tube of oil resistant synthetic rubber, one or multi-wire braids reinforcement and weather resistant synthetic rubber cover.

Applications:

For delivery of water, mineral oil or water-based hydraulic oil in the hydraulic system of hydraulic fraines. Combined cool acttings in coal mine. Working temperature rangs is within -40°C ~ +100°C.

Colorful fabric cover air hose

Construction:

Used to convey compressed air and insert gas in mining, shipbuilding, civil engineering construction and casting industry.

Applications:

The appearance of hose is bright, with a good property of weatherresistant, anti-aging, ozone-resistant and flame-resistant. It will notcrack in the static for one year, the using environment is very suitable for shipyard and other environment. Outer layer's ozone-resistant property comform to the standard of ISO 7326:2006, IDT.

Not all hoses are shown....

OTHER SPECIALTY STEEL WIRE REINFORCED HOSE ARE AVAILABLE

Please enquire....



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Plastic Hose

Lay Flat PVC Hose Light Duty

Meet REACH Standard Diameter 1"-16" Thickwall 1.3mm-3mm Work pressure 4bar

Steel wire reinforced Light Duty PVC hose

Passed ROHS/PAHS test Diameter 3/8"-4" Thickwall 3mm-6mm Work pressure 3bar-6bar

Multi purpose PVC hose Anti static electricity

Diameter 1"-4" Thickwall 4mm-8mm Work pressure 4bar-6bar

Specialized Garden Hose Passed ROHS/PAHS test

Diameter 1/2"-1" Thickwall 2.5mm-4mm Work pressure 5bar-8bar

Air hose Passed ROHS/PAHS test

Diameter 1/4"-2" Thickwall 3mm-8mm Work pressure 15bar-20bar













Lay Flat PVC Hose Heavy duty

Meet REACH Standard Diameter 3/4"-8" Thickwall 1.6mm-3.5mm Work pressure 8bar -10bar

Steel wire reinforced Heavy Duty PVC hose

Passed ROHS/PAHS test Diameter 1/4"-10" Thickwall 3mm-16mm Work pressure 3bar-8bar

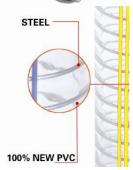
Garden Hose Passed ROHS/PAHS test

Diameter 1/2"-1" Thickwall 1.8mm-3mm Work pressure 4bar-6bar

Food grade PVC Hose

Diameter 1/4"-2" Thickwall 2mm-5mm Work pressure 4bar-10bar









Outer Layer

Specialized Air Hose (5 layers)

Diameter 1/4"-1" Thickwall 4mm-6mm Work pressure 25bar-40bar



OTHER SPECIALTY PVC HOSE ARE AVAILABLE – please enquire....



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