

Jason Layflat Hose Product Catalog

48 products across TPU, NBR and PVC layflat hose, suction hose, fire hose and couplings

- Founded in 2008, producing layflat hose in our own plant since 2010
- Exported to more than 50 countries
- Every manufacturing process complies with the ISO 9001 standard
- All layflat hose tested at 1.5 times working pressure for 2 hours before shipment
- Every hose carries a trace number for production date, operators and raw material source

All figures in this document are the published specifications of Taizhou Jason New Material Co., Ltd.. Working pressure, length, colour and coupling type are made to order. Confirm the final specification with our sales team before purchase.

Duraline Fire Hose



The Duraline fire hose is a rubber covered fire hose for municipal and industrial fire services, manufactured in compliance with BS 6391:2009 Type 3. Nitrile rubber cover and liner over high tenacity synthetic yarn give it a 17 bar working pressure and 51 bar burst pressure, and the rubber construction is what keeps it from kinking so flow at the branch stays constant. Sizes are 1.5 to 3.5 inch in 20 m (66 ft) lengths.

Specification	Value
Cover and Liner	High quality nitrile rubber
Reinforcement	High tenacity synthetic yarn
Color	Red, yellow or as required
Size	1.5 inch-3.5 inch
Working Pressure	17bar
Burst Pressure	51bar
Length	20m (66ft) or as required
Temperature	-30°C■+100°C(-22°F to 212°F)

Features

Resistance to kinking, Abrasion, Heat, Chemicals, Oil, Weathering, Ultra-violet and ozone. low maintenance, Easy to deploy and retrieve.

Applications

Fire fighting, irrigation.

12 Inch Suction Hose



The 12 inch suction hose is a DN300 rigid-helix PVC hose built for pump inlets that have to lift high volumes of water, slurry and debris-laden liquid without the wall collapsing. A rigid PVC helix is embedded in the wall so the bore stays round under negative pressure, while the smooth PVC lining keeps friction loss low across the full run. Standard supply is up to 10 m (100 ft) in orange, red or green, rated from -10°C to 70°C.

Specification	Value
Wall	High quality PVC
Reinforcement	Rigid PVC helix(polyester fabric as required)
Color	Orange, red, green or as required
Size	12 inch(DN300)
Length	up to 10m(100ft)
Temperature	-10°C(14°F)-70°C(158 °F)

Features

Large size, Heavy duty, Durability, High abrasion resistance, Flexibility, High negative pressure, Smooth inner construction for unrestricted flow of materials.

Applications

Irrigation lines, pumps, rental and construction dewatering, suction and discharge, water suction – heavy duty.

10 Inch Suction Hose



The 10 inch suction hose is a DN250 PVC suction line for trash pumps and dewatering sets working in mud, flood water and abrasive slurry. The rigid PVC helix is bonded into the wall so the hose resists collapse on the inlet side, and lengths run up to 30 m (100 ft) so a pump can be sited well back from a soft bank. Temperature range is -10°C to 70°C.

Specification	Value
Wall	High quality PVC
Reinforcement	Rigid PVC helix(polyester fabric as required)
Color	Orange, red, green or as required
Size	10 inch(DN250)
Length	up to 30m(100ft)
Temperature	-10°C(14°F)-70°C(158 °F)

Features

Large size, Heavy duty, Durability, High abrasion resistance, Flexibility, High negative pressure, Smooth inner construction for unrestricted flow of materials.

Applications

Irrigation lines, pumps, rental and construction dewatering, trash pumps, suction and discharge, water suction – heavy duty.

8 Inch Suction Hose



The 8 inch suction hose is a DN200 rigid-helix PVC hose sized for the most common heavy-duty pump on a construction or farm site. It is supplied in lengths up to 30 m (100 ft), carries a smooth bore for unrestricted flow and works from -10°C to 70°C. At DN200 it is the point where one operator can still handle the hose while moving serious volume.

Specification	Value
Wall	High quality PVC
Reinforcement	Rigid PVC helix(polyester fabric as required)
Color	Orange, red, green or as required
Size	8 inch(DN200)
Length	up to 30m(100ft)
Temperature	-10°C(14°F)-70°C(158 °F)

Features

Large size, Heavy duty, Durability, High abrasion resistance, Flexibility, High negative pressure, Smooth inner construction for unrestricted flow of materials.

Applications

Irrigation lines, pumps, rental and construction dewatering, trash pumps, suction and discharge, water suction – heavy duty.

12 Inch Fire Hose



The 12 inch fire hose is a DN300 TPU-lined layflat supply hose for heavy duty firefighting, large irrigation systems and emergency drainage. At this bore the hose behaves less like a hose and more like a temporary water main that two people can roll out. It is supplied in 20 m (66 ft) and 30 m (100 ft) lengths in white, and holds its properties from -50°C to 80°C.

Specification	Value
Liner	High quality TPU
Color	White or as required
Size	12 inch(DN300)
Length	20m(66ft), 30m (100ft) or as required
Temperature	-50°C■+80°C(-60°F to 176°F)

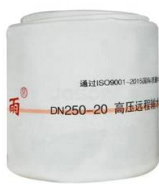
Features

Large size, High-pressure, Flexible, Easy storage and deployment, Abrasion resistance, Long service life, Excellent flow rates and etc.

Applications

Water supply in firefighting and agriculture irrigation, emergency drainage, construction and mining dewatering.

10 Inch Fire Hose



The 10 inch fire hose is a DN250 TPU layflat supply line used in heavy duty firefighting systems, large agricultural schemes and water discharge during construction, mining and floods. High tenacity synthetic yarn carries the pressure and the TPU lining carries the flow, giving a hose that deploys fast and rolls small. Lengths are 20 m (66 ft) and 30 m (100 ft) in white.

Specification	Value
Liner	High quality TPU
Color	White or as required
Size	10 inch(DN250)
Length	20m(66ft), 30m (100ft) or as required
Temperature	-50°C■+80°C(-60°F to 176°F)

Features

Large size, High-pressure, Flexible, Easy storage and deployment, Abrasion resistance, Long service life, Excellent flow rates and etc.

Applications

Water supply in firefighting and agriculture irrigation, emergency drainage, construction and mining dewatering.

8 Inch Fire Hose



The 8 inch fire hose is a DN200 TPU layflat supply hose used as the feed line in heavy duty firefighting systems and large agricultural systems, and for water discharge in construction, mining and floods. It is built on high tenacity synthetic yarn to take high pressure, and the layflat form means a long relay stores in a fraction of the space of rigid pipe. Lengths are 20 m and 30 m in white.

Specification	Value
Liner	High quality TPU
Color	White or as required
Size	8 inch(DN200)
Length	20m(66ft), 30m (100ft) or as required
Temperature	-50°C■+80°C(-60°F to 176°F)

Features

Large size, High-pressure, Flexible, Easy storage and deployment, Abrasion resistance, Long service life, Excellent flow rates and etc.

Applications

Water supply in firefighting and agriculture irrigation, emergency drainage, construction and mining dewatering.

16 Inch Discharge Hose



The 16 inch discharge hose is a DN400 PVC layflat hose for moving very large volumes of water in agriculture, construction, civil engineering and emergency work. High tenacity synthetic yarn is encapsulated between PVC cover and liner, so a bore this size still rolls flat for transport. Lengths are 20 m (66 ft) and 50 m (164 ft), in blue, red, black or orange, rated -20°C to 70°C.

Specification	Value
Cover and Liner	High quality PVC
Reinforcement	High tenacity synthetic yarn
Color	Blue, red, black, orange or as required
Size	16 inch(DN400)
Length	20m (66ft), 50m (164ft) or as required
Temperature	-20°C(-4°F)-70°C(158 °F)

Features

Light weight, Cost-saving, Easy to storage or transport, Abrasion resistance, Excellent flow rates.

Applications

Large volume of water discharge and supply in agricultural, construction, civil engineering and emergency.

12 Inch Discharge Hose



The 12 inch discharge hose is a DN300 PVC coated layflat hose for transferring high volumes of water quickly. The wide bore gives the flow rate irrigation, dewatering and emergency response need, and the layflat form means the same run can be recovered and moved to the next job in minutes. Lengths are 20 m and 50 m in blue, red, black or orange.

Specification	Value
Cover and Liner	High quality PVC
Reinforcement	High tenacity synthetic yarn
Color	Blue, red, black, orange or as required
Size	12 inch(DN300)
Length	20m (66ft), 50m (164ft) or as required
Temperature	-20°C(-4°F)-70°C(158 °F)

Features

Light weight, Cost-saving, Easy to storage or transport, Abrasion resistance, Excellent flow rates.

Applications

High volume of water discharge and supply in agricultural, construction, civil engineering and emergency.

10 Inch Discharge Hose



The 10 inch discharge hose is a heavy duty DN250 PVC layflat hose for transferring large volumes of water on industrial, construction and agricultural sites. It sits at the size where flow is still high but one crew can still recover a 50 m length by hand. Colours are blue, red, black or orange, and the working range is -20°C to 70°C.

Specification	Value
Cover and Liner	High quality PVC
Reinforcement	High tenacity synthetic yarn
Color	Blue, red, black, orange or as required
Size	10 inch(DN250)
Length	20m (66ft), 50m (164ft) or as required
Temperature	-20°C(-4°F)-70°C(158 °F)

Features

Light weight, Cost-saving, Easy to storage or transport, Abrasion resistance, Excellent flow rates.

Applications

Water discharge and supply in agricultural, construction, civil engineering and emergency.

8 Inch Discharge hose



The 8 inch discharge hose is a DN200 PVC layflat hose used to transfer large volumes of water and other liquids on industrial sites, construction sites and farms. At DN200 a 50 m roll is still a two-person lift, which is why this is the size most contractors standardise on for general water transfer. Colours are blue, red, black or orange, rated -20°C to 70°C.

Specification	Value
Cover and Liner	High quality PVC
Reinforcement	High tenacity synthetic yarn
Color	Blue, red, black, orange or as required
Size	8 inch(DN200)
Length	20m (66ft), 50m (164ft) or as required
Temperature	-20°C(-4°F)-70°C(158 °F)

Features

Light weight, Cost-saving, Easy to storage or transport, Abrasion resistance, Excellent flow rates.

Applications

Water discharge and supply in agricultural, construction, civil engineering and emergency.

16 Inch Layflat Hose



The 16 inch layflat hose is a DN400 TPU hose for long-distance water supply in firefighting, emergency water removal during floods, industrial bulk discharge, irrigation supply and frac solution transfer. TPU is extruded through the woven polyester so cover, liner and reinforcement behave as one wall. It is supplied in 200 m (660 ft) lengths in black, rated -50°C to 80°C.

Specification	Value
Cover and Liner	High quality TPU
Reinforcement	High tenacity synthetic yarn
Color	Black or as required
Size	16 inch(DN400)
Length	200m(660ft) or as required
Temperature	-50°C■+80°C(-60°F to 176°F)

Features

High pressure, Abrasion resistant, Extremely tough, Oil and chemicals resistance, Fast deployment and retrieval, Excellent flow rates, Long service life.

Applications

Long-distance water supply in fire fighting, emergency water removal during floods, industrial large volume water discharge, irrigation supply and frac solution.

12 Inch Layflat Hose



The 12 inch layflat hose is a DN300 TPU hose used for high volume water transfer in agriculture, firefighting, oil and gas and general industry. The through-the-weave TPU wall gives it the toughness to be dragged and reeled repeatedly, and 200 m lengths make long runs practical. A Canadian customer visited our plant to audit the production process before placing a 12 inch layflat hose order.

Specification	Value
Cover and Liner	High quality TPU
Reinforcement	High tenacity synthetic yarn
Color	Black or as required
Size	12 inch(DN300)
Length	200m(660ft) or as required
Temperature	-50°C■+80°C(-60°F to 176°F)

Features

High pressure, Abrasion resistant, Extremely tough, Oil and chemicals resistance, Fast deployment and retrieval, Excellent flow rates, Long service life.

Applications

Long-distance water supply in fire fighting, emergency water removal during floods, industrial large volume water discharge, irrigation supply and frac solution.

10 Inch Layflat Hose



The 10 inch layflat hose is a DN250 TPU hose designed to be transported, stored and deployed quickly, which is what makes it the usual choice for emergency response, irrigation and water transfer projects. The through-the-weave TPU construction bonds cover and lining firmly to the polyester weave, so the wall does not delaminate under repeated reeling. Lengths are 200 m in black.

Specification	Value
Cover and Liner	High quality TPU
Reinforcement	High tenacity synthetic yarn
Color	Black or as required
Size	10 inch(DN250)
Length	200m(660ft) or as required
Temperature	-50°C■+80°C(-60°F to 176°F)

Features

High pressure, Abrasion resistant, Extremely tough, Oil and chemicals resistance, Fast deployment and retrieval, Excellent flow rates, Long service life.

Applications

Long-distance water supply in fire fighting, emergency water removal during floods, industrial large volume water discharge, irrigation supply and frac solution.

8 Inch Layflat Hose



The 8 inch layflat hose is a DN200 TPU hose for long-distance water supply in firefighting, emergency flood removal, industrial bulk discharge and frac solution transfer. At DN200 with 200 m lengths it is the size that most field water transfer fleets build around: enough flow for serious duty, light enough to reel and move with a standard truck. Colour is black, rated -50°C to 80°C.

Specification	Value
Cover and Liner	High quality TPU
Reinforcement	High tenacity synthetic yarn
Color	Black or as required
Size	8 inch(DN200)
Length	200m(660ft) or as required
Temperature	-50°C■+80°C(-60°F to 176°F)

Features

High pressure, Abrasion resistant, Extremely tough, Oil and chemicals resistance, Fast deployment and retrieval, Excellent flow rates, Long service life.

Applications

Long-distance water supply in fire fighting, emergency water removal during floods, industrial large volume water discharge and frac solution.

Drag Hose Coupling



The drag hose coupling connects a drag hose to the applicator in umbilical slurry and liquid fertiliser work, where the joint is pulled across a field while it is under pressure. It is cast or forged in aluminium with an anodised surface, made in 4 to 8 inch (DN100 to DN200). The anodising is what keeps a field coupling serviceable through a season of manure and fertiliser contact.

Specification	Value
Material	Aluminum
Size	4-8 inch (DN100-DN200)
Manufacturing Process	Casting or forging

Features

High pressure resistance, Corrosion resistance, Surface anodization, Safety, Easy to operate.

Applications

Agriculture irrigation.

Multilug Coupling



The multilug coupling is a large bore aluminium coupling made in 6 to 12 inch (DN150 to DN300), used across firefighting, oil and gas, agriculture and industry. Multiple lugs spread the clamping load around the hose instead of concentrating it, which is what keeps a large diameter joint sealed under pressure. It is cast or forged and anodised.

Specification	Value
Material	Aluminum
Size	6-12 inch (DN150-DN300)
Manufacturing Process	Casting or forging

Features

High pressure resistance, Corrosion resistance, Surface anodization, Safety, Easy to operate.

Applications

Fire fighting, Oil and gas, Agriculture, Industrial.

Storz Self-locking Coupling



The Storz self-locking coupling is a fire hose connection with a built-in locking mechanism, so no separate locking device or tool is needed to make a secure joint. It is made to DIN14301 and DIN14303 in aluminium, cast or forged and anodised, from 4 to 14 inch (DN100 to DN350). For large diameter fire and industrial lines, the self-locking action is a safety feature as much as a convenience.

Specification	Value
Material	Aluminum
Standard	DIN14301 and DIN14303
Size	4-14 inch (DN100-DN350)
Manufacturing Process	Casting or forging

Features

High pressure resistance, Anticorrosion, Surface anodization, Safety, Easy to use.

Applications

Fire fighting, Agriculture, Industrial.

Quick VIC Coupling



Quick VIC couplings and clamps connect hose across fire protection, industrial and commercial systems. Ours are used mainly to connect TPU layflat hose in oil and gas and dewatering, where a large bore joint has to be made and broken repeatedly in the field. They are cast or forged in aluminium alloy 6061-T6 with a corrosion resistant finish, in 4 to 16 inch (DN100 to DN400).

Specification	Value
Material	Aluminum Alloy 6061-T6
Size	4-16 inch (DN100-DN400)
Manufacturing Process	Casting or forging

Features

High pressure resistance, Corrosion resistant finish, Reliability, Durability, Ease of use.

Applications

Connecting TPU layflat hose in oil and gas, Dewatering.

Bauer Coupling



The Bauer coupling is a quick release coupling for agriculture and industry, cast in galvanised or stainless steel and made in 2 inch to 12 inch. It comes in two types: Type A uses a locking lever with male ball and female socket hose tails, Type B uses a locking ring with the same tails. The steel construction is why it is chosen where aluminium will not survive the duty.

Specification	Value
Material	Galvanised steel or stainless steel
Production Process	Cast
Type	Type A, Type B
Type A Parts	Locking lever, male (ball) hose tail, female (socket) hose tail
Type B Parts	Locking ring, male (ball) hose tail, female (socket) hose tail
Size	2 inch-12 inch

Features

Convenient, Robust and durable, Safe, Heat-resistant, Tensile strength, Universal, Security.

Applications

Agriculture, Dewatering, Petroleum, Mining, Municipal, Construction.

Camlock Coupling



The camlock coupling connects and disconnects hose and pipe with two cam arms, no tools and no threading. It is made to MIL-C-27487F in aluminium, brass, stainless steel or PP, cast or forged, in 1 to 12 inch (DN25 to DN300). Four material options let the same fitting standard be used on water, fuel, chemicals and food-adjacent duty by changing only the material.

Specification	Value
Material	Aluminum, brass, stainless steel, PP
Standard	MIL-C-27487F
Size	1-12 inch (DN25-DN300)
Manufacturing Process	Casting or forging

Features

High pressure resistance, Reliability, Durability, Ease of use.

Applications

Fire fighting, Agriculture, Industrial.

Storz Coupling



The Storz coupling is the symmetrical quick connect the fire service uses to join hose and equipment fast and securely. Because both halves are identical there is no male or female to sort out under pressure. Ours are made to DIN14301 and DIN14303 in aluminium, brass or stainless steel, cast or forged, in 1 to 8 inch (DN25 to DN200).

Specification	Value
Material	Aluminum, brass, stainless steel
Standard	DIN14301 and DIN14303

Size	1-8 inch (DN25-DN200)
Manufacturing Process	Casting or forging

Features

High pressure resistance, Anticorrosion, Surface anodization.

Applications

Fire fighting, Agriculture, Industrial.

Fabric Reinforced Suction Hose



Fabric reinforced suction hose adds a polyester fabric layer to the rigid PVC helix, so the wall carries pressure on the discharge stroke as well as vacuum on the inlet. It is made from 3/4 inch up to 16 inch in lengths to 50 m (164 ft), in orange, and runs from -10°C to 70°C. The extra fabric layer is what lets one hose serve both sides of a pump.

Specification	Value
Wall	High quality PVC
Reinforcement	Rigid PVC helix and polyester fabric
Color	Orange
Size	3/4 inch-16 inch
Length	up to 50m(164ft) or as required
Temperature	-10°C(14°F)-70°C(158 °F)

Features

Durability, High abrasion resistance, Flexibility, Clear visual flow, Small bending radius, Smooth inner construction for unrestricted flow of materials.

Applications

Fish suction, irrigation lines, pumps, rental and construction dewatering, trash pumps, suction and discharge, water suction – heavy duty.

Clear Suction Hose



Clear suction hose is a transparent PVC hose with a rigid PVC helix, used where the operator needs to see what is moving through the line. It is made from 3/4 inch to 16 inch in lengths to 50 m (164 ft), weighs less than a heavy-duty opaque wall and works from -10°C to 70°C. Standard helix colours are white, red or yellow.

Specification	Value
Wall	High quality PVC
Reinforcement	Rigid PVC helix
Color	White, red, yellow or as required

Size	3/4 inch-16 inch
Length	up to 50m(164ft) or as required
Temperature	-10°C(14°F)-70°C(158 °F)

Features

Clear, High abrasion resistance, Flexibility, Light weight, Small bending radius, Smooth inner construction for unrestricted flow of materials.

Applications

Irrigation in agriculture, feed delivery, sewage treatment, removal of small dust particles, fuel delivery, etc.

Green Suction Hose



Green suction hose is a rigid-helix PVC hose in a single high-visibility green, used for suction and delivery of liquids, powder and granules. It is produced from 3/4 inch to 16 inch in lengths to 50 m (164 ft) and runs from -10°C to 70°C. The colour is the point: on a busy site a green line is instantly separated from clean-water and slurry duty.

Specification	Value
Wall	High quality PVC
Reinforcement	Rigid PVC helix
Color	Green
Size	3/4 inch-16 inch
Length	up to 50m(164ft) or as required
Temperature	-10°C(14°F)-70°C(158 °F)

Features

High abrasion resistance, Flexibility, Light weight, Small bending radius, Smooth inner construction for unrestricted flow of materials.

Applications

For suction and delivery of liquids, powder, granules in industry, agriculture and construction.

Fire Suction Hose



Fire suction hose, also called hard suction hose, is the short rigid-helix PVC line an appliance uses to draft from a lake, river, tank or hydrant. It is made in 4, 5, 6 and 8 inch, in standard 2 m (6.6 ft) and 4 m (13.2 ft) lengths so it stows on the appliance, and is built for high negative pressure with low weight for a fast set-up. We supplied 200 pieces of 6 inch light fire suction hose to the Sichuan Provincial Fire Brigade for a timed fire competition.

Specification	Value
Wall	High quality PVC
Reinforcement	Rigid PVC helix

Color	Black, red, green or as required
Size	4, 5, 6, 8 inch
Length	2m (6.6ft), 4m (13.2ft) or as required
Temperature	-10°C(14°F)-70°C(158 °F)

Features

Light weight, Abrasion resistance, Corrosion resistance, Aging resistance, High negative pressure, Excellent flow rates.

Applications

Drawing water from lakes, rivers, or hydrants in fire fighting.

Layflat Discharge Hose



Layflat discharge hose is our general purpose PVC delivery hose, made from 6 inch to 20 inch for water discharge and supply in agriculture, construction and civil engineering. PVC cover and liner encapsulate high tenacity synthetic yarn, and the hose lies flat when not under pressure so it stores and transports as a roll. Lengths are 20 m and 50 m, in blue, red or black.

Specification	Value
Cover and Liner	High quality PVC
Reinforcement	High tenacity synthetic yarn
Color	Blue, red, black or as required
Size	6-20 inch
Length	20m (66ft), 50m (164ft) or as required
Temperature	-20°C(-4°F)-70°C(158 °F)

Features

Light weight, Cost-saving, Easy to storage or transport, Kinks and twists resistance, Abrasion resistance, Excellent flow rates.

Applications

Water discharge and supply in agricultural, construction, and civil engineering.

PVC Layflat Hose



PVC layflat hose is the full PVC range, made from 1 inch to 20 inch for water discharge and supply in agriculture, construction and civil engineering. It is light, rolls up for storage and transport, and has a smooth inner surface that keeps flow efficient. Cover and liner are PVC over high tenacity synthetic yarn, in blue, red or black, rated -20°C to 70°C.

Specification	Value
Cover and Liner	High quality PVC
Reinforcement	High tenacity synthetic yarn

Color	Blue, red, black or as required
Size	1-20 inch
Length	20m (66ft), 50m (164ft) or as required
Temperature	-20°C(-4°F)-70°C(158 °F)

Features

Light weight, Cost-saving, Easy to storage or transport, Abrasion resistance, Excellent flow rates.

Applications

Water discharge and supply in agricultural, construction, and civil engineering.

Doctor Blade Air Hose



The doctor blade air hose delivers pressurised air to the doctor blade chamber in paper making and printing, where the blade has to stay in constant contact with the cylinder. It is lined in NBR, EPDM or Viton depending on the temperature the machine runs at, covering up to 100°C, 130°C, 160°C or 250°C. Sizes run from 5/8 inch to 4 inch in 30 m (100 ft) lengths.

Specification	Value
Liner	High quality NBR/EPDM/Viton
Color	White, yellow or as required
Size	5/8-4 inch
Length	30m (100ft) or as required
Temperature	Up to 100°C(212°F)/130°C(266°F)/160°C(320°F)/250°C(482°F)

Features

High temperature resistance, Acid and alkali resistance, Corrosion and crack resistance, High-pressure, Flexible, Durable, Abrasion resistance, Long lifetime and reliable performance and etc.

Applications

High temperature air transfer for doctor blade in paper making.

Canvas Discharge Hose



Canvas discharge hose is a TPU-lined layflat hose in 6 to 12 inch, built for pumping large volumes of water in emergency drainage, construction dewatering, irrigation supply and firefighting. The woven jacket gives it the canvas feel that crews recognise, while the TPU lining carries the flow and the abrasion. Lengths are 20 m and 30 m, and it works from -50°C to 80°C.

Specification	Value
Liner	High quality TPU
Color	White or as required
Size	6-12 inch

Length	20m(66ft), 30m (100ft) or as required
Temperature	-50°C■+80°C(-60°F to 176°F)

Features

Large size, High-pressure, Flexible, Durable, Abrasion resistance, Long service life, Excellent flow rates and etc.

Applications

Emergency drainage, construction dewatering, agriculture irrigation supply and firefighting.

Hot Water Hose



Hot water hose is a layflat hose lined in EPDM or NBR for hot water, limewater and waste water transfer. The liner choice sets the ceiling: EPDM runs from -45°C to 150°C, NBR from -30°C to 100°C. It is made in 1.5 to 6 inch in 20 m and 30 m lengths, so a bathhouse, hotel plant room or process line can be piped temporarily without steel.

Specification	Value
Liner	High quality EPDM/NBR
Color	White or as required
Size	1.5-6 inch
Length	20m(66ft), 30m (100ft) or as required
Temperature	-45°C■+150°C(-49 °F to 302 °F) for EPDM, -30°C■+100°C(-22°F to 212°F) for NBR

Features

High temperature resistance, Acid and alkali resistance, High-pressure, Flexible, Durable, Abrasion resistance, Long lifetime and reliable performance and etc.

Applications

Hot water, limewater, waste water transfer in different industries.

Double Jacket Fire Hose



Double jacket fire hose carries two layers of woven synthetic yarn instead of one, which is what lets it work at markedly higher pressure than a single jacket hose. The liner can be TPU, EPDM, NBR or natural rubber, so the temperature rating follows the liner chosen. It is made from 1.5 to 6 inch in 20 m and 30 m lengths, and is used for forest firefighting and snow making.

Specification	Value
Liner	High quality TPU/EPDM/NBR/Natural Rubber
Color	White, yellow, red or as required
Size	1.5-6 inch
Length	20m(66ft), 30m (100ft) or as required
Temperature	Based on liner rubber type

Features

High-pressure, Flexible, Durable, Abrasion resistant, Kinking, Twisting, Long lifetime and reliable performance and etc.

Applications

Fire fighting in forest, snow making.

Canvas Fire Hose



Canvas fire hose is the lightweight single jacket layflat hose used to fight fires in buildings, homes and other structures, and also used for agricultural irrigation and dewatering. The liner can be TPU, EPDM, NBR or natural rubber, and the size range is unusually wide at 1 to 12 inch in 30 m (100 ft) lengths. Low weight is the reason it is specified: a crew working inside a structure is carrying the hose, not rolling it.

Specification	Value
Liner	High quality TPU/EPDM/NBR/Natural Rubber
Color	White, yellow or as required
Size	1-12 inch
Length	30m (100ft) or as required
Temperature	Based on liner rubber type

Features

Lightweight, High-pressure, Flexible, Abrasion resistant, Kinking, Twisting, Long lifetime and reliable performance and etc.

Applications

Fire fighting in buildings, homes, and other structures, agricultural irrigation, dewatering.

Forestry Fire Hose



Forestry fire hose, also called wildland fire hose, is the lightweight fabric-covered TPU-lined hose crews carry over rough or steep ground to fight fires in grass, brush and trees. It is made small and light on purpose: DN16 (5/8 inch), DN19 (3/4 inch), DN25 (1 inch) and DN38 (1 1/2 inch), in 15 m (50 ft) and 30 m (100 ft) lengths, yellow, rated -50°C to 80°C.

Specification	Value
Liner	High quality TPU
Color	Yellow, or as required
Size	DN16(5/8 inch), DN19(3/4 inch)■DN25(1 inch), DN38(1 1/2 inch)
Length	15m (50ft), 30m (100ft)
Temperature	-50°C■+80°C(-60°F to 176°F)

Features

Lightweight, High-pressure, Flexible, Abrasion resistant, Kinking, Twisting, Long lifetime and reliable performance and etc.

Applications

Fight fires in grass, brush, and trees.

Snow Making Hose



Snow making hose is a double jacket canvas hose that delivers water to snow cannon through a winter season. It is lined in TPU or EPDM, made in DN38 (1.5 inch) and DN51 (2 inch) in 20 m (66 ft) lengths, and is built to stay flexible in the cold: -50°C to 80°C with TPU, -45°C to 150°C with EPDM. We have shipped repeat orders of snow making hose, including 300 rolls to a Beijing Winter Olympics ski resort.

Specification	Value
Liner	TPU or EPDM rubber
Color	Red, yellow, orange or as required
Size	DN38(1.5 inch), DN51(2 inch)
Length	20m(66ft) as required
Temperature	-50°C■+80°C(-60°F to 176°F) for TPU, -45°C■+150°C(-49 °F to 302 °F) for EPDM

Features

High-pressure, Flexible, Cold resistant, Abrasion resistant, Kinking, Twisting, Ensuring a long lifespan and reliable performance and etc.

Applications

Water supply in snow making.

Layflat Air Hose Plus



The layflat air hose plus is the higher pressure version of our compressed air hose, built with a double jacket of high tenacity synthetic yarn under a nitrile rubber cover and liner so it can operate at the highest working pressures in the range. It is made in DN38 (1.5 inch) and DN51 (2 inch) in 20 m and 30 m lengths, and works from -30°C to 100°C.

Specification	Value
Cover and Liner	High quality nitrile rubber
Reinforcement	High tenacity double jacket synthetic yarn
Color	Black, red, yellow or as required
Size	DN38(1.5 inch), DN51(2 inch)
Length	20m(66ft), 30m (100ft)or as required
Temperature	-30°C■+100°C(-22°F to 212°F)

Features

High pressure, Light weight, Flexibility, Durability, Abrasion resistant, Kinking, Twisting, Ensuring a long lifespan and reliable performance and etc.

Applications

Air compressors, pneumatic tools, rock drill, automated air line, air supply.

Layflat Air Hose



The layflat air hose is a nitrile rubber compressed air hose whose flat profile is the whole point: it stores and installs where a round hose will not go, which makes it practical in confined spaces and on crowded job sites. Applications run from air compressors and pneumatic tools to cable blowing, soil excavation and air caster rigging. Sizes are DN19 (3/4 inch), DN25 (1 inch) and DN32 (1 1/4 inch) in 30 m lengths.

Specification	Value
Cover and Liner	High quality nitrile rubber
Reinforcement	High tenacity synthetic yarn
Color	Yellow, black, red or as required
Size	DN19(3/4"), DN25(1"), DN32(1 1/4")
Length	30m (100ft) or as required
Temperature	-30°C■+100°C(-22°F to 212°F)

Features

Light weight, Flexibility, Durability, High pressure, Abrasion resistant, Kinking, And twisting, Ensuring a long lifespan and reliable performance and etc.

Applications

Air compressors, pneumatic tools, rock drilling, breaker, automated air line, air supply, cable blowing, soil excavation, air caster rigging system(load moving).

Flyboard Hose



The flyboard hose connects the flyboard to the personal watercraft and carries the water that lifts the rider, so it has to take high pressure while being bent and loaded constantly through a session. It is nitrile rubber over high tenacity synthetic yarn in DN110 and DN118, in 20 m (65 ft) and 25 m (82 ft) lengths, black, rated -30°C to 100°C.

Specification	Value
Cover and Liner	High quality nitrile rubber
Reinforcement	High tenacity synthetic yarn
Color	Black or as required
Size	DN110,DN118
Length	20m (65ft), 25m (82ft) or as required
Temperature	-30°C■+100°C(-22°F to 212°F)

Features

Flexibility, Durability, High tensile strength, Abrasion resistant, High adhesive strength, Hydrolysis resistant, UV, Ozone and weathering resistant and etc.

Applications

Flyboard water supply.

LDH Fire Hose



LDH fire hose is a large diameter supply line that moves large volumes of water at a fraction of the friction loss of conventional smaller diameter hose. In practice it works like an above-ground water main laid into an apparatus pumping operation. It is nitrile rubber over high tenacity synthetic yarn in 4, 5 and 6 inch, yellow, in 15 m (50 ft) and 30 m (100 ft) lengths.

Specification	Value
Cover and Liner	High quality nitrile rubber
Reinforcement	High tenacity synthetic yarn
Color	Yellow or as required
Size	4 inch, 5 inch, 6 inch
Length	15m (50ft), 30m (100ft) or as required
Temperature	-30°C■+100°C(-22°F to 212°F)

Features

Flexibility, Durability, High tensile strength, Abrasion resistant, High adhesive strength, Hydrolysis resistant, UV, Ozone and weathering resistant and etc.

Applications

Water supply in fire fighting.

Rubber Covered Fire Hose



Rubber covered fire hose is a maintenance-free covered fire hose used by municipal and industrial fire services. The nitrile rubber cover is what removes the wash-and-dry routine a jacketed hose needs, and it resists hydrolysis, UV, ozone, weathering, fungus and kinking. Sizes are 1.5 to 6 inch in 20 m and 30 m lengths, red or yellow. A Malaysian customer ordered 5000 m in 1.5 inch and 2.5 inch at 17 bar working pressure after comparing our sample against European hose.

Specification	Value
Cover and Liner	High quality nitrile rubber
Reinforcement	High tenacity synthetic yarn
Color	Red, yellow or as required
Size	1.5 inch-6 inch
Length	20m (66ft), 30m (100ft) or as required
Temperature	-30°C■+100°C(-22°F to 212°F)

Features

High tensile strength, Abrasion resistant, High adhesive strength, Hydrolysis resistant, UV, Ozone and weathering resistant, Fungus resistant, Kink resistant.

Applications

Fire fighting, irrigation.

Irrigation Supply Hose



The irrigation supply hose is a premium layflat hose for agricultural irrigation, liquid fertiliser and slurry pumping. It is made from a blend of nitrile rubber and PVC reinforced with high pressure filament polyester yarn, which is what gives it both chemical tolerance and a long outdoor life. Sizes are 2 to 12 inch, and it is the only hose in our range offered in five standard lengths from 30 m up to 200 m.

Specification	Value
Cover and Liner	High quality nitrile rubber
Reinforcement	High tenacity synthetic yarn
Color	Black or as required
Size	2 inch-12 inch
Length	30m (100ft), 61m (200ft), 91.5m (300ft), 100m (330ft), 200m (660ft)
Temperature	-30°C■+100°C(-22°F to 212°F)

Features

Abrasion resistance, Flexibility, Excellent UV and weather resistance, Long lifetime and etc.

Applications

Agricultural irrigation, liquid fertilizer and pumping of slurry.

Layflat Supply Hose



The layflat supply hose is our TPU discharge and supply hose made by the extrusion through-the-weave method, which bonds cover to lining and firmly encapsulates the woven polyester. That bond is what lets it work at high pressure over long distance water supply, emergency flood removal, large volume industrial discharge and frac solution transfer. Sizes are 8 to 16 inch in 200 m lengths, red or black.

Specification	Value
Cover and Liner	High quality TPU
Reinforcement	High tenacity synthetic yarn
Color	Red, black or as required
Size	8 inch-16 inch
Length	200m(660ft) or as required
Temperature	-50°C■+80°C(-60°F to 176°F)

Features

High pressure, Abrasion resistant, Extremely tough, Fast deployment and retrieval, Excellent flow rates, Long service life.

Applications

Long-distance water supply in fire fighting, emergency water removal during floods, industrial large volume water discharge and frac solution.

Layflat Drinking Water Hose



The layflat drinking water hose is a food grade TPU pipeline for emergency and temporary potable water delivery at high working pressure. It is light, abrasion resistant and deploys far faster and more safely than rigid pipe, which is what matters when clean water has to reach people quickly. Sizes are 2 to 12 inch in 200 m lengths, in light green, rated -50°C to 80°C.

Specification	Value
Cover and Liner	High quality food grade TPU
Reinforcement	High tenacity synthetic yarn
Color	light green or as required
Size	2 inch-12 inch
Length	200m(660ft) or as required
Temperature	-50°C■+80°C(-60°F to 176°F)

Features

High abrasion and kink resistance, High pressure, UV resistance, High flow, Safe and quick installation, Long life time.

Applications

Emergency potable water supply, water bypass, army and ship drinking water supply.

Fuel Transfer Hose



The fuel transfer hose moves oil, fuel, chemicals and waste water. Antistatic material is compounded into the polyurethane and several copper wires run through the reinforcement layer to the coupling, so static generated by flowing fuel has a path to earth. Sizes are 2 to 8 inch in 200 m lengths, green, rated -50°C to 80°C.

Specification	Value
Cover and Liner	High quality TPU
Reinforcement	High tenacity synthetic yarn(With copper wires available inside to be anti-static)
Color	green or as required
Size	2 inch-8 inch
Length	200m(660ft) or as required
Temperature	-50°C■+80°C(-60°F to 176°F)

Features

Antistatic, High pressure, Oil and chemicals resistance, UV resistance, Safe and easy linstallation, Long service time.

Applications

Temporary oil and fuel transfer, army and ship fuel(oil) supply, hydraulic fracturing.

Boreline Hose



Boreline hose is a high pressure, high tensile strength layflat hose for underground water pumping. TPU is integrated into a woven high tenacity polyester fabric, and the cover carries blue polypropylene cable ties or polyurethane straps so the rising main and the pump cable travel together. Against rigid pipe it is far easier to install and retrieve down a bore. Sizes are 1.5 to 8 inch in 200 m lengths.

Specification	Value
Cover	High quality TPU with blue polypropylene cable ties or polyurethane straps
Reinforcement	High tenacity synthetic yarn
Liner	High quality TPU
Color	Blue or as required
Size	1.5 inch-8 inch
Length	200m(660ft) or as required
Temperature	-50°C■+80°C(-60°F to 176°F)

Features

High pressure, High tensile strength, Oil and chemicals resistance, UV resistance, Corrosion resistance, Easy to install and retrieve, Long lifetime and excellent flow rates.

Applications

Mine dewatering, bore water pumping, irrigation/agriculture, groundwater extraction – drinking water.

Mine Dewatering Hose



Mine dewatering hose is a high pressure TPU layflat hose built to remove large volumes of water from a mine quickly and safely. It is made from high tenacity synthetic yarns with TPU extruded through the weave, giving an extra tough wall that survives being dragged over aggressive underground surfaces. Sizes are 4 to 12 inch in 200 m lengths, blue, rated -50°C to 80°C.

Specification	Value
Cover and Liner	High quality TPU
Reinforcement	High tenacity synthetic yarn
Color	Blue or as required
Size	4 inch-12 inch
Length	200m(660ft) or as required
Temperature	-50°C■+80°C(-60°F to 176°F)

Features

High pressure, Abrasion resistance, Oil and chemicals resistance, UV resistance, Easy to transport, Long lifetime, Reliability and safety.

Applications

Dewatering in Mines or emergency rescue.

Drag Hose



Drag hose is a TPU layflat hose used to transfer sludge, slurry and liquid manure continuously across an irrigation field, while being dragged behind the applicator. That duty is unusual: the hose is under tension and abrasion at the same time as it is under pressure. It is made in 4 to 6 inch in 200 m lengths, orange, rated -50°C to 80°C.

Specification	Value
Cover and Liner	High quality TPU
Reinforcement	High tenacity synthetic yarn
Color	Orange or as required
Size	4 inch-6 inch
Length	200m(660ft) or as required
Temperature	-50°C■+80°C(-60°F to 176°F)

Features

Flexibility, Abrasion resistance, Great adhesion, High tensile strength, UV, Oil and chemical resistance.

Applications

Transfer sludge, slurry and liquid manure in agricultural irrigation field.

Fracking Hose



Fracking hose is a high pressure TPU layflat hose for transferring large volumes of frac water and produced water in oil and gas. It is built to survive the harshest field environments with a long service life and low maintenance, and it transports and deploys far more easily than rigid line pipe. Sizes are 8 to 16 inch in 200 m lengths, black. Copper wires can be run inside for anti-static duty.

Specification	Value
Cover and Liner	High quality TPU
Reinforcement	High tenacity synthetic yarn
Color	Black or as required
Size	8 inch-16 inch
Length	200m(660ft) or as required
Temperature	-50°C■+80°C(-60°F to 176°F)

Features

High pressure, Abrasion resistance, Oil and chemicals resistance, UV resistance, Easy to deploy, Long service life and excellent flow rates.

Applications

Frac water or produced water transfer in oil and gas industry.