

Jason Fire Hose Datasheet

Firefighting and high temperature hose from DN16 wildland lines to 12 inch TPU supply hose.

- 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.

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)

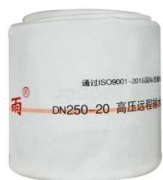
Features

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.

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.