

Jason NBR Layflat Hose Datasheet

Nitrile rubber covered layflat hose for fire service, compressed air and agricultural duty that has to survive outdoors.

- 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.

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 to 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 to 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.