DOUBLE-5
Industrial Brand

Description

The WILLIAMS FIRE & HAZARD CONTROL DOUBLE-5 Industrial Hose is a unique lightweight 7 1/4 in. (184 mm) large diameter hose woven with 100% filament polyester for superior durability and pressure performance. It is capable of significant water flow at higher pressures, yet with minimal friction loss of less than 3 psi per 100 feet (0.21 bar per 30.5 m) at 1,500 gpm (5,678 Lpm).

It can flow twice as much volume as a 5 in. (127 mm) hose, hence the name "DOUBLE-5". It is specifically designed to combat oil refinery and large storage tank fires and features a double jacket construction with ozone and aging resistant Thermal Polyurethane lining. The outside jacket is treated with beige (tan) ENCAP elastomer, which completely encapsulates the jacket fibers and not merely surface coat the jacket, to provide water repellency, abrasion, oil and chemical resistance.

Specifications

Product Color	Beige (tan)
Hose Diameter	7.25 in. (184 mm)
Couplings	6 in. (152 mm) Locking STORZ
Weight without couplings	1.35 lb/ft (2 kg/m)
Coupling Weight (2 ends/section)	25 lb (11.3 kg)
Flat Width	10.5 in. (267 mm)
Thickness	0.42 in. (10.7 mm) (edge)
Service Test Pressure	200 psi (13.8 bar)
Proof Test Pressure	400 psi (27.6 bar)
Minimum Burst Test Pressure	600 psi (41.4 bar)
Minimum Pressure Loss due to Friction Per 100 ft (30.5 m)	3 psi (0.21 bar)
Service Temperature	-65 °F to 150°F (-54°C to 65°C)
Maximum Elongation at Service Test	10%

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Ordering Information

DOUBLE-5 Brand Industrial Hoses are available in lengths ranging from 10 ft to 500 ft (3 m to 152 m). Other lengths and colors are available upon request.

Part No.	Description
15331	DOUBLE-5 Industrial Fire Hose, Beige, 7.25 in. x 10 ft (184 mm x 3 m)
15425	DOUBLE-5 Industrial Fire Hose, Beige, 7.25 in. x 25 ft (184 mm x 7.6 m)
10375	DOUBLE-5 Industrial Fire Hose, Beige, 7.25 in. x 50 ft (184 mm x 15.2 m)
10376	DOUBLE-5 Industrial Fire Hose, Beige, 7.25 in. x 100 ft (184 mm x 30.5 m)
14056	DOUBLE-5 Industrial Fire Hose, Beige, 7.25 in. x 200 ft (184 mm x 61 m)
20712	DOUBLE-5 Industrial Fire Hose, Beige, 7.25 in. x 500 ft (184 mm x 152 m)

Note: Hoses in other lengths and colors may be available upon request.

Note: The converted values in this document are provided for dimensional reference only and do not reflect an actual measurement.

Super Large and Large Diameter Industrial Hoses- Taiga 600 and 1200

Description

WILLIAMS FIRE & HAZARD CONTROL® (WILLIAMS) Taiga large diameter hoses are heavy-duty, industrial grade hoses for extreme firefighting. Japanese for 'big river,' Taiga hoses deliver maximum flow in hazardous situations requiring high water volume and pressure.

The WILLIAMS team drew upon their extensive industrial firefighting and hazard mitigation experience when developing specifications for Taiga hoses, which are manufactured by the Niedner company exclusively for the WILLIAMS product line.

Taiga 1200 and Taiga 600 hoses are constructed with a circular woven double-jacket of 100% virgin polyester. The polymer encapsulated treatment on the outer jacket improves abrasion resistance and durability, reduces water absorption, and enhances chemical resistance. The inner lining of extruded thermoplastic polyurethane (TPU) enhances flexibility, compactness, and resistance to ozone and aging.

The Taiga 1200 hose is rated as a Super Large Diameter Hose (SLDH) and is equipped with proprietary four-lug Storz couplings. These couplings are easy to attach and separate, and tolerant of dirt and other small particles in the field. The Taiga 600 hose is rated as a Large Diameter Hose (LDH) and is equipped with standard Storz couplings.

Both hoses are rated with a best-in-class 200 psi (13.8 bar) service test pressure, and a minimum of 600 psi (41.3 bar) pressure before bursting. These hoses meet or exceed NFPA 1961 specifications.

Taiga hoses are available in various lengths up to 500 ft (152 m). A variety of color options are available, including beige, tan, yellow, purple, blue, orange, red, green, and white.

Features

Construction:

- Circular woven, 100% virgin polyester double-jacket
- Polymer-encapsulated outer jacket
- TPU inner lining
- Unique four-lug Storz coupling on Taiga 1200 hose

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- Designed to a minimum 600 psi (41.3 bar) burst pressure
- Meets or exceeds NFPA 1961 specifications
- Available in various colors and up to 500 ft (152 m) in length
- The inner lining uses extruded TPU for enhanced flexibility and compactness, and resistance to ozone and aging
- Both hoses are rated to 200 psi (13.8 bar) service test pressure
- The hoses are available in different colors, including beige-tan, yellow, purple, blue, orange, red, green, and white

Specifications

Product	TAIGA 1200	TAIGA 600
Hose Diameter	12 in. (305 mm)	6 in. (150 mm)
Weight without Couplings	4 lb/ft (6 kg/m)	1.7 lb/ft (2.7 kg/m)
Coupling Weight (2 ends/section)	100 lb (45.4 kg)	19 lb (8.6 kg)
Flat Width	19.5 in. (495 mm)	10.15 in. (258 mm)
Thickness	0.30 in. (7.6 mm)	0.22 in. (5.6 mm)
Service Test Pressure	200 psi (13.8 bar)	200 psi (13.8 bar)
Minimum Proof Test Pressure	400 psi (27.6 bar)	500 psi (34.5 bar)
Minimum Burst Test Pressure	600 psi (41.4 bar)	600 psi (41.4 bar)
Maximum Pressure Loss due to Friction Per 100 ft (30.5 m)	0.1 psi (0.007 bar) at 1,000 gpm (3,780 Lpm) 0.4 psi (0.028 bar) at 2,000 gpm (7,570 Lpm) 0.9 psi (0.062 bar) at 3,000 gpm (11,350 Lpm) 1.6 psi (0.110 bar) at 4,000 gpm (15,140 Lpm)	2.4 psi (0.166 bar) at 1,000 gpm (3,780 Lpm) 8.5 psi (0.586 bar) at 2,000 gpm (7,570 Lpm) 18 psi (1.241 bar) at 3,000 gpm (11,350 Lpm)
Service Temperature	-65 °F to 150 °F (-54 °C to 65 °C)	-65 °F to 150 °F (-54 °C to 65 °C)
Maximum Elongation at Service Test	10%	10%

Note: The converted metric values in this document are provided for dimensional reference only and do not reflect an actual measurement.