



TAIGA™



- Heavy-duty, industrial grade fire hose for extreme situations where maximum flow is necessary to overcome hazards.
- 100% polyester double jacket with TPU liner SLDH hose.
- Ideal for high-volume/pressure water transfer applications.
- Extensively tested by the Japanese Fire Equipment Inspectors Institute (JFEI).

TAIGA 600/1200™

Heavy duty, industrial grade industrial hose for extreme situations where maximum flow is necessary to overcome hazards; or to conduct water transfer whenever high volume and pressure are required. It is a 100% polyester double-jacket with a minimum of 200 PSI service test pressure, it is rated as a Super Large Diameter Hose (SLDH) for the TAIGA 1200 or 250 PSI service test pressure hose rated as a Large Diameter Hose (LDH) for the TAIGA 600. The 1200 hose comes standard with a unique four-lug Storz coupling designed and manufactured by Williams Fire & Hazard Control. The 600 hose comes standard with the regular storz couplings. The ENCAP™ treated outer jacket improves durability, reduces water absorption up to 40% and enhances chemical resistance.

TAIGA™ is a unique product that was designed in accordance with specifications provided by Williams Fire & Hazard Control. It was named TAIGA, a Japanese word meaning "Big River", to honor the first commercial users.

This product has undergone extensive testing and inspection by the Japanese Fire Equipment Inspectors Institute (JFEII). It has been accepted by the Japanese Government and petroleum Industry as the hose to protect refineries and high value operations.

Available exclusively through Williams Fire & Hazard Control at 1-800-231-4613 or on-line at www.williamsfire.com.

Construction: Circular woven, double jacket 100% virgin polyester.
Tube: Extruded T.P.U. elastomer - Ozone and age resistant.
Standard Lengths: Up to 500 feet (152 m)

How to specify TAIGA™

- The hose shall be of double jacket construction with 100% virgin polyester yarn in both jackets.
- For TAIGA™ 1200, there shall be a minimum of 10.0 filler yarns per inch in the inner jacket and a minimum of 9.5 filler yarns per inch in the outer jacket. For TAIGA™ 600, there shall be a minimum of 12.0 filler yarns per inch in the inner jacket and a minimum of 10.5 filler yarns per inch in the outer jacket.
- The thickness of the lining shall be 0.028" (711 µm) minimum and it shall be constructed of extruded T.P.U. elastomer.
- The loss of pressure in a 100 ft (30,5 m) hose due to friction shall be no more than 0.1 PSI at 1000 GPM (0.7 kPa at 3785 LPM), 0.4 PSI at 2000 GPM (2,75 kPa at 7571LPM), 0.9 PSI at 3000 GPM (6,2 kPa at 11356 LPM) and 1.5 PSI at 4000 GPM (10.3 kPa at 15141 LPM) for TAIGA™ 1200. The loss of pressure in a 100ft (30,5 m) hose due to friction shall be no more than 2 PSI at 1000 GPM (13,8 kPa at 3785 LPM), 8.5 PSI at 2000 GPM (58,6 kPa at 7571 LPM) and 18 PSI at 3000 GPM (124 kPa at 11356LPM) for TAIGA™ 600.
- The outside jacket shall be treated with ENCAP™ elastomer, which shall completely encapsulate the jacket fibers and not merely surface coat the jacket.
- The hose service temperature range shall be -60°F to 150°F (-51°C to 66°C).
- At service test, its elongation shall not exceed 10% of the initial hose length; it shall not warp more than 6 inches (15 cm) and should not rise from the test table.
- The hose shall not twist more than 135° per 100 ft (30,5 m) while at service test.
- Minimum service test pressure of 200 PSI (1400 kPa) for TAIGA™ 1200 and 250 PSI (1600 kPa) for TAIGA™ 600.
- Minimum proof test pressure of 400 PSI (2800 kPa) for TAIGA™ 1200 and 500 PSI (3200 kPa) for TAIGA™ 600.
- Minimum straight burst test pressure of 650 PSI (4500 kPa) for TAIGA™ 1200 and 1000 PSI (7000 kPa) for TAIGA™ 600.
- A full length of hose while kinked shall withstand, without rupturing or breaking any threads in the jacket, a hydrostatic pressure of 200 PSI (1400 kPa) for TAIGA™ 1200 and 250 PSI (1600 kPa) for TAIGA™ 600.
- Meets or exceeds NFPA 1961 specifications.

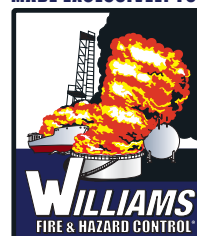
TAIGA™ PHYSICAL PROPERTIES

Hose size	Spec Number	Weight / meter (3,2 ft) Uncoupled	Flat width	Hose thickness	Service test pressure	Proof Pressure	Burst Pressure
6" (15.2 cm)	3860	5.5 lbs 2.7kg	10.15 in 25.8 cm	.22 in 5.59mm	250 PSI 1800 kPa	400 PSI 2800 kPa	1000 PSI 7000 kPa
12" (30,4 cm)	3812	13 lbs 6 kg	19.5" (49.5 cm)	0.30 in 7.62mm	200 PSI 1400 kPa	400 PSI 2800 kPa	650 PSI 4500 kPa



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