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NIEDNER



OVER 110 YEARS OF QUALITY & SERVICE IN THE HOSE INDUSTRY

MANUFACTURER OF MUNICIPAL, FORESTRY AND INDUSTRIAL HOSE

SNOW HOSE™



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*SUPERIOR PRODUCTS THAT SUPPORT YOU IN **SAVING LIVES***

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SNOW HOSE™

Designed specially for snow making, SNOW HOSE™ is a 100% polyester double jacket hose, able to handle the high pumping pressures and harsh conditions found on a ski slope. SNOW HOSE™ comes with a standard high visibility yellow ENCAP™ treatment for added safety and abrasion resistance. It is flexible to -60°F (-51°C), and the tight weave of the outer jacket resists cutting and punctures. Specify a Burst Pressure of either 1200 PSIG (8400 kPa) or 1800 PSIG (12400 kPa).

Construction: Circular woven, double jacket 100% virgin spun polyester.
 Tube: Extruded T.P.U. elastomer - Ozone and age resistant.
 Standard Lengths: 50' and 100' (15,2 and 30,5 m)

How to specify **SNOW HOSE™**

- The hose shall be of double jacket construction with 100% virgin spun polyester yarn in both jackets.
- There shall be a minimum of 11.0 filler yarns per inch for SNOW HOSE™ 2000 and 10.0 filler yarns per inch for SNOW HOSE™ 1200 in both the inner and outer jackets.
- The thickness of the lining shall be 0.020" (508 µm) minimum and it shall be constructed of extruded T.P.U. elastomer.
- The outside jacket shall be treated with yellow 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 140°F (-51°C to 60°C).
- FM abrasion test of 30,000 cycles minimum and Taber abrasion test of 5,000 cycles minimum.
- At 800 PSIG (5600 kPa), its elongation shall not exceed 8% of the initial hose length, it shall not warp more than 20 inches (51 cm) and should not rise from the test table.
- The hose shall not twist more than 1 1/2 turns per 50 ft (15,2 m) while at 800 PSIG (5600 kPa).
- Minimum service test pressure of 400 PSIG (2800 kPa).
- Minimum proof test pressure of 800 PSIG (5600 kPa).
- The hose while curved to a radius of 27" (69 cm) shall not burst at less than 1200 PSIG (8400 kPa) for SNOW HOSE™ 1200 and 1800 PSIG (12400 kPa) for SNOW HOSE™ 2000.

SNOW HOSE™ 1200 SERIES, PHYSICAL PROPERTIES

Hose size	Spec number	Coupling bowl size	Weight / 50 ft (15,2 m) uncoupled	Coil dia. / 50 ft (15,2 m)	Minimum kink burst test pressure
1 1/2" (38 mm)	10015	1 15/16" (49,2 mm)	10.5 lbs (4,8 kg)	15" (38 cm)	600 PSIG (4200 kPa)
2 (51 mm)	10020	2 5/16" (58,7 mm)	14.0 lbs (6,4 kg)	15 1/2" (39 cm)	600 PSIG (4200 kPa)

SNOW HOSE™ 2000 SERIES, PHYSICAL PROPERTIES

Hose size	Spec number	Coupling bowl size	Weight / 50 ft (15,2 m) uncoupled	Coil dia. / 50 ft (15,2 m)	Minimum kink burst test pressure
1 1/2" (38 mm)	10065	1 15/16" (49,2 mm)	12.5 lbs (5,7 kg)	17" (43 cm)	600 PSIG (4200 kPa)
2 (51 mm)	10070	2 3/8" (59,8 mm)	18.0 lbs (8,2 kg)	17" (43 cm)	600 PSIG (4200 kPa)

For more information please call your authorized dealer.

NIEDNER
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1-800-567-2703
sales.niedner@tycoint.com

