

tyco

NIEDNER



OVER 110 YEARS OF QUALITY & SERVICE IN THE HOSE INDUSTRY

MANUFACTURER OF MUNICIPAL, FORESTRY AND INDUSTRIAL HOSE

XL-800™



NIEDNER IS AN ISO9001:2000 CERTIFIED COMPANY BY UL REGISTRAR
SUPERIOR PRODUCTS THAT SUPPORT YOU IN **SAVING LIVES**

www.niedner.com

XL-800™

Niedner's most popular attack hose. Lighter and more compact than competitive attack hose, XL-800™ is a 100% polyester double jacket hose, lined with TPU elastomer with a service test pressure rating of 400 PSIG (2800 kPa). This is the Number One choice for high-rise backpacks. For everyday attack fire fighting, XL-800™ is easily handled and packs tightly. The waterway is oversized to maximize flow and minimize friction loss. A third less bulk than rubber covered hose, XL-800™ is flexible to -60°F (-51°C). The ENCAP™ treated outer jacket improves durability, reduces water absorption up to 40%, enhances chemical resistance and adds color options. Meets or exceeds NFPA 1961 and ZZ-H-451.

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 and 30 m)
 Colors available: Red, yellow, green, blue, clear (white), tan, purple or orange.

How to specify **XL-800™**

- The hose shall be of double jacket construction with 100% virgin spun polyester yarn in both jackets.
- There shall be a minimum of 10.0 filler yarns per inch in both the inner and outer jackets.
- The thickness of the lining shall be 0.015" (381 µm) minimum and it shall be constructed of extruded T.P.U. elastomer.
- 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).
- FM abrasion test of 15,000 cycles minimum and Taber abrasion test of 5,000 cycles minimum.
- At 800 PSIG (5600 kPa), its elongation shall not exceed 10% 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 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).
- Minimum straight burst test pressure of 1200 PSIG (8400 kPa).
- The hose while curved to a radius of 27" (69 cm) shall not burst at less than 1200 PSIG (8400 kPa).
- Meets or exceeds ULC-19, NFPA-1961 and ZZH-451.

XL-800™ 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)	4015	1 15/16" (49,2 mm)	10.5 lbs (4,8 kg)	15" (38 cm)	600 PSIG (4200 kPa)
1 3/4" (45 mm)	4017	2 1/16" (52,4 mm)	12.0 lbs (5,4 kg)	15" (38 cm)	600 PSIG (4200 kPa)
2" (51 mm)	4020	2 5/16" (58,7 mm)	14.0 lbs (6,4 kg)	15 1/2" (39 cm)	600 PSIG (4200 kPa)
2 1/2" (64 mm)	4025	3" (76,2 mm)	18.0 lbs (8,2 kg)	16" (41 cm)	600 PSIG (4200 kPa)
3" (76 mm)	4030	3 1/2" (88,9 mm)	24.0 lbs (10,9 kg)	16" (41 cm)	450 PSIG (3150 kPa)

For more information please call your authorized dealer.

NIEDNER
ISO 9001 REGISTERED

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

