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OVER 110 YEARS OF QUALITY & SERVICE IN THE HOSE INDUSTRY

MANUFACTURER OF MUNICIPAL, FORESTRY AND INDUSTRIAL HOSE

**XL-800**<sup>™</sup>

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## MUNICIPAL FIRE HOSE

## **XL-800**<sup>TM</sup>

Niedner's most popular attack hose. Lighter and more compact than competitive attack hose, XL-800<sup>™</sup> 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<sup>™</sup> 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<sup>™</sup> is flexible to -60°F (-51°C). The ENCAP<sup>™</sup> 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.

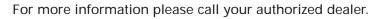
Construction:Circular woven, double jacket 100% virgin spun polyester.Tube:Extruded T.P.U. elastomer - Ozone and age resistant.Standard Lengths:50' and 100' (15 and 30 m)Colors available:Red, yellow, green, blue, clear (white), tan, purple or orange.

## How to specify XL-800<sup>™</sup>

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





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