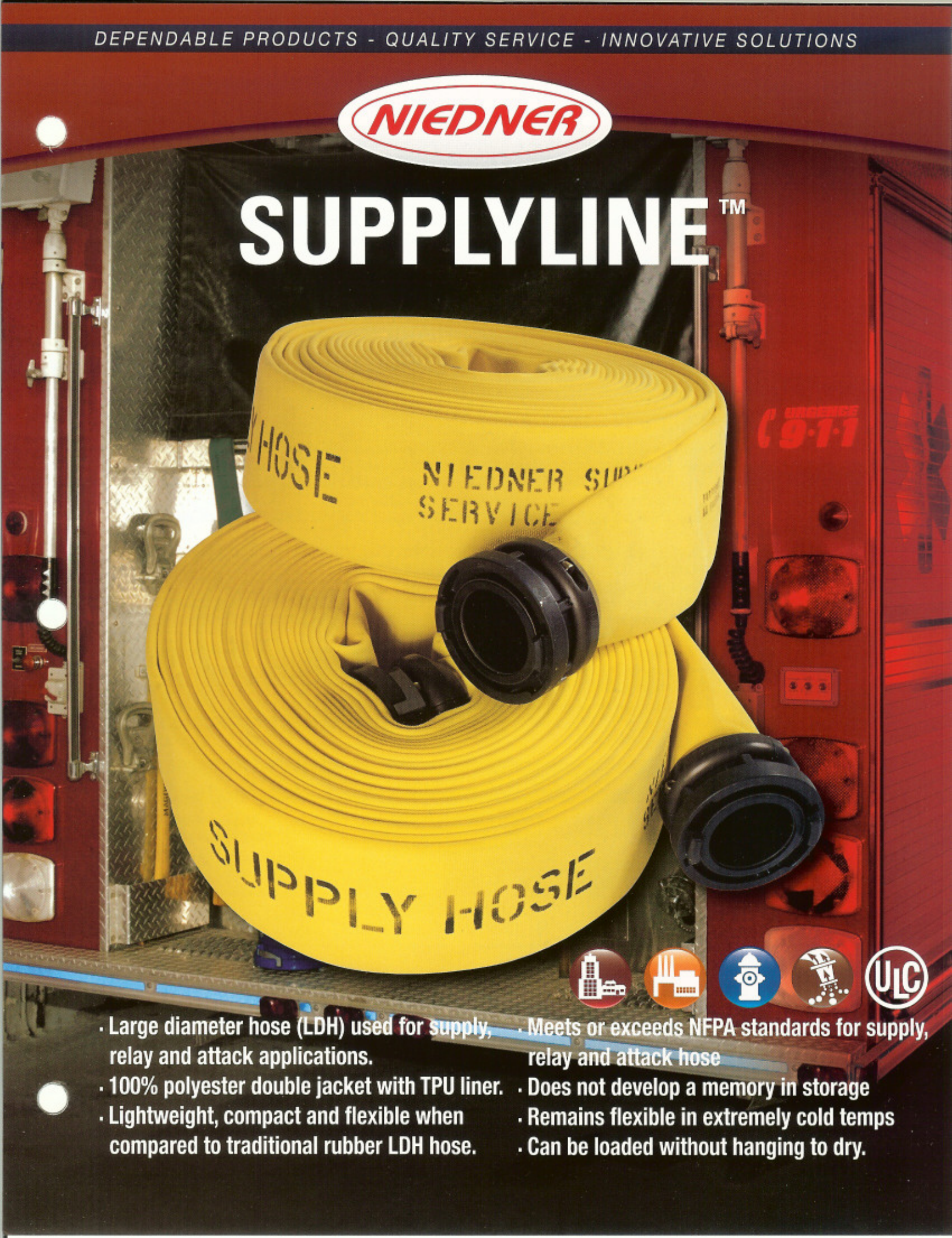
DEPENDABLE PRODUCTS - QUALITY SERVICE - INNOVATIVE SOLUTIONS

NIEDNER

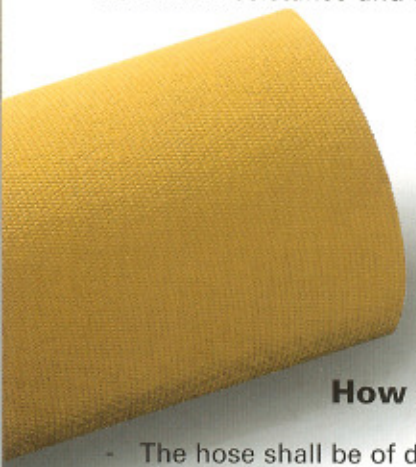
SUPPLYLINE™



- Large diameter hose (LDH) used for supply, relay and attack applications.
- 100% polyester double jacket with TPU liner.
- Lightweight, compact and flexible when compared to traditional rubber LDH hose.
- Meets or exceeds NFPA standards for supply, relay and attack hose
- Does not develop a memory in storage
- Remains flexible in extremely cold temps
- Can be loaded without hanging to dry.

SUPPLYLINE™

The large diameter hose (LDH) fire departments wish they always had. SUPPLYLINE™ is 100% polyester, double jacket. TPU elastomer lined hose with a service test pressure rating of 300 PSI (2100 kPa). Compared to traditional rubber LDH; SUPPLYLINE™ is lighter in weight, more compact, flexible to -60°F (-51°C), more abrasion and puncture resistant, and can be loaded without hanging to dry. SUPPLYLINE™ is also used as a Soft Suction hose in shorter lengths. The ENCAP™ treated outer jacket improves durability, reduces water absorption up to 40%, enhances chemical resistance and adds color options.



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)
Colors available:	Clear (white), green, red, orange, blue, purple, tan, and yellow.

How to specify SUPPLYLINE™

- The hose shall be of double jacket construction with 100% virgin spun polyester yarn in both jackets.
- For the 4" (102 mm) hose, there shall be a minimum of 13.0 filler yarns per inch in the inner jacket and 10.5 filler yarns per inch in the outer jacket. For the 5" (127 mm) hose, there shall be a minimum of 14.0 filler yarns per inch in the inner jacket and 10.0 filler yarns per inch in the outer jacket.
- 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 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 50,000 cycles minimum and Taber abrasion test of 15,000 cycles minimum.
- At 600 PSI (4200 kPa), its elongation shall not exceed 10% of the initial hose length, it shall not warp more than 12 inches (31 cm) and should not rise from the test table.
- The hose shall not twist more than 1 1/2 turn per 100 ft (30,5 m) while at 600 PSI (4200 kPa).
- Minimum service test pressure of 300 PSI (2100 kPa).
- Minimum proof test pressure of 600 PSI (4200 kPa).
- Minimum straight burst test pressure of 900 PSI (6300 kPa).
- The hose while curved to a radius of 27" (69 cm) shall not burst at less than 900 PSI (6300 kPa).
- Meets or exceeds ULC-19 and NFPA 1961.

SUPPLYLINE™ PHYSICAL PROPERTIES

Hose size	Spec number	Coupling bowl size	Weight / 100 ft (30,5 m) uncoupled	Coil dia. / 100 ft (30,5 m)	Minimum kink burst test pressure
4" (102 mm)	5040	4 3/8" (111,1 mm)	68 lbs (30,8 kg)	26" (66 cm)	300 PSI (2100 kPa)
5" (127 mm)	5050	5 3/8" (136,5 mm)	84 lbs (38 kg)	26.5" (67 cm)	300 PSI (2100 kPa)

- Requires thin wall double jacket tail gaskets in couplings.
- If ordering locking storz couplings separately for above hose, specify that they are for Niedner SUPPLYLINE™ hose.
- UL 19 approval available at a factory test of 600 PSI (4200 kPa) for 4" (102 mm) size and at a factory test of 400 PSI (2800 kPa) for 5" (127 mm) size.

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