

**tyco**

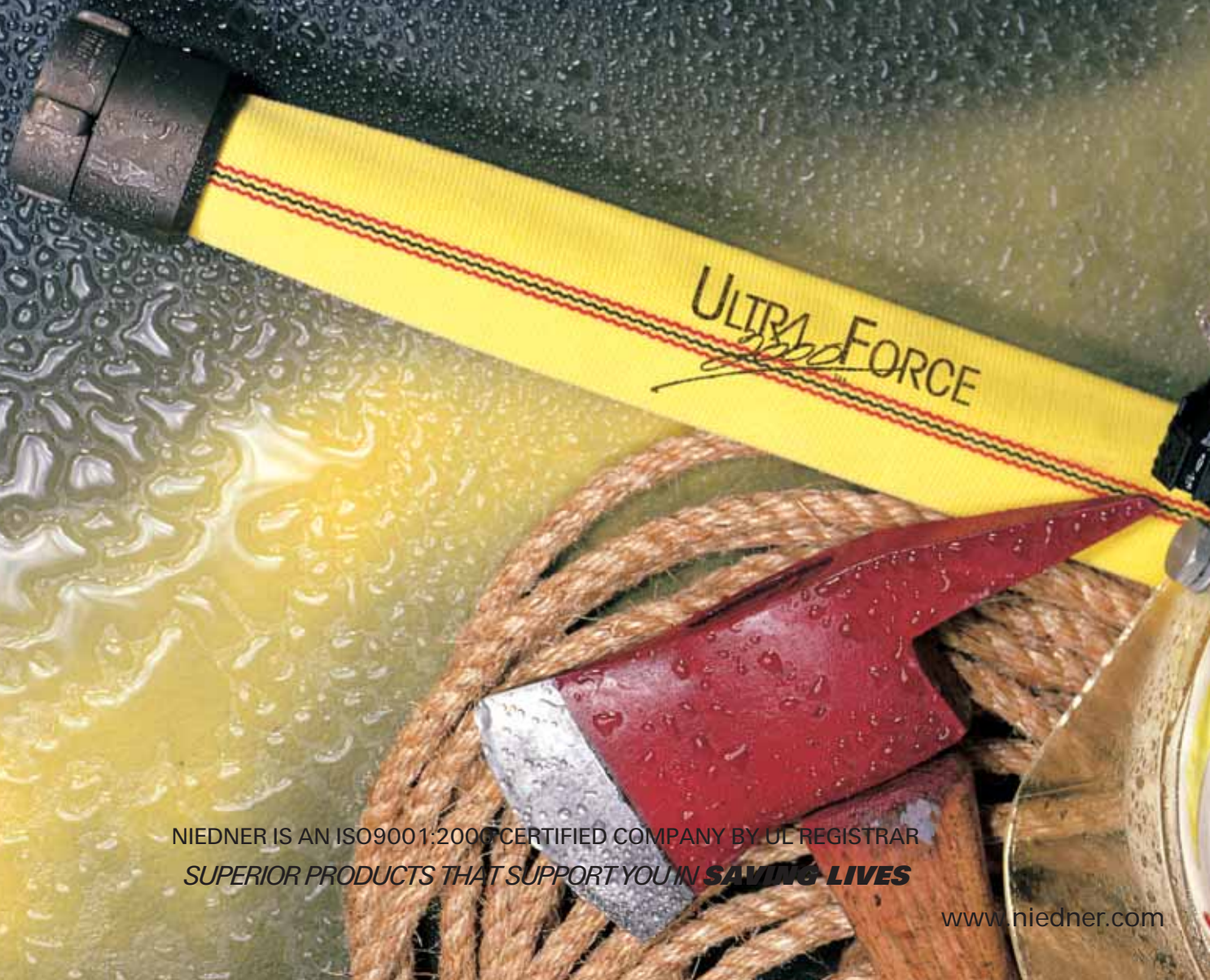
**NIEDNER**



**OVER 110 YEARS OF QUALITY & SERVICE IN THE HOSE INDUSTRY**

**MANUFACTURER OF MUNICIPAL, FORESTRY AND INDUSTRIAL HOSE**

# ULTRA FORCE 2000™



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

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**ULTRA FORCE 2000™**

Similar to ULTRA 2000™, this durable fire hose with a service test pressure rating of 400 PSIG (2800 kPa), is a 100% polyester double jacket fire hose, but has an EPDM rubber liner for enhanced durability and kink resistance. ULTRA FORCE 2000™ is the choice of the busiest fire departments for dependability, maneuverability and maximum water flow, while remaining lighter and more compact than competitive products. The tight weave of the outer jacket resists snags, cuts, punctures, and abrasion. The ENCAP™ treatment improves durability, reduces water absorption up to 40%, enhances chemical resistance, and adds color options.

<b>Construction:</b>	Circular woven, double jacket 100% virgin spun polyester.
<b>Tube:</b>	Lightweight extruded E.P.D.M. rubber - Ozone and age resistant.
<b>Standard Lengths:</b>	50' and 100' (15,2 and 30,5 m)
<b>Colors available:</b>	Clear (white), green, red, orange, blue, purple, tan, and yellow.

How to specify **ULTRA FORCE 2000™**

- 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.
- Outside jacket to be constructed with a minimum of 120% warp yarn coverage.
- The thickness of the lining shall be 0.022" (559 µm) minimum and it shall be constructed of lightweight extruded E.P.D.M. rubber.
- 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 -40°F to 175°F (-40°C to 79°C).
- FM abrasion test of 30,000 cycles minimum and Taber abrasion test of 12,000 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 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).
- Minimum straight burst test pressure of 1400 PSIG (9800 kPa).
- The hose while curved to a radius of 27" (69 cm) shall not burst at less than 1300 PSIG (9000 kPa).
- Meets or exceeds NFPA 1961 specification.

**ULTRA FORCE 2000™ 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)	5215	1 15/16" (49,2 mm)	14.0 lbs (6,4 kg)	15" (38 cm)	800 PSIG (5600 kPa)
1 3/4" (45 mm)	5217	2 1/16" (52,4 mm)	16.0 lbs (7,3 kg)	15" (38 cm)	800 PSIG (5600 kPa)
2" (51 mm)	5220	2 5/16" (58,7 mm)	20.0 lbs (9,1 kg)	17" (43 cm)	800 PSIG (5600 kPa)
2 1/2" (64 mm)	5225	3" (76,2 mm)	23.0 lbs (10,4 kg)	17" (43 cm)	800 PSIG (5600 kPa)

For more information please call your authorized dealer.

**NIEDNER**  
ISO 9001 REGISTERED

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