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

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

# TIDALWAVE 600™



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

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**TIDALWAVE 600™**

A unique lightweight 6" (152 mm) large diameter hose capable of significant water flow at higher pressures. TIDALWAVE 600™ is a 100% polyester double jacket, 300 PSIG (2100 kPa) service test pressure rated attack, relay and supply hose. Lined with TPU elastomer for flexibility, light weight and compactness, TIDALWAVE 600™ occupies less space than conventional rubber covered LDH for attack, relay, and supply hose, 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 **TIDALWAVE 600™**

- The hose shall be of double jacket construction with 100% virgin spun polyester yarn in both jackets.
- There shall be a minimum of 14.0 filler yarns per inch in the inner jacket and 12.5 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 10000 cycles minimum.
- At 600 PSIG (4200 kPa), its elongation shall not exceed 12% 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 PSIG (4200 kPa).
- Minimum service test pressure of 300 PSIG (2100 kPa).
- Minimum proof test pressure of 600 PSIG (4200 kPa).
- Minimum straight burst test pressure of 900 PSIG (6300 kPa).
- The hose while curved to a radius of 27" (69 cm) shall not burst at less than 900 PSIG (6300 kPa).
- Meets or exceeds NFPA 1961 specifications.

**TIDALWAVE 600™ PHYSICAL PROPERTIES**

Hose size	Spec number	Coupling bowl size Storz	Weight / 100 ft (30,5 m) uncoupled	Coil dia. / 100 ft (30,5 m)	Minimum kink burst test pressure
6" (152 mm)	5060	6 1/4" (158,8 mm)	125 lbs (56,7 kg)	27" (69 cm)	300 PSIG (2100 kPa)
<b>Threaded</b>					
6 3/4" (171,5 mm)					

For more information please call your authorized dealer.

**NIEDNER**  
ISO 9001 REGISTERED

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

