

tyco

**NIEDNER**



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

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

# RACK HOSE™



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

[www.niedner.com](http://www.niedner.com)

# RACK HOSE™

A single jacket 100% filament polyester hose intended for interior protection and occupant use applications in buildings and plants. Lightweight and compact, RACK HOSE™ is lined with TPU elastomer, and replaces unlined linen hose. RACK HOSE™ has a service test pressure rating of 250 PSIG (1750 kPa) and is approximately half the weight of conventional rubber lined single jacket hose. RACK HOSE™ is normally installed in hose cabinets and can be ordered folded. RACK HOSE™ complies with NFPA 1961, FM and UL 219. UL Label optional.

Construction: Circular woven, single jacket 100% virgin filament polyester.  
 Tube: Extruded T.P.U. elastomer - Ozone and age resistant.  
 Standard Lengths: 50' and 100' (15,2 and 30,5 m)  
 Option: UL labeling

## How to specify RACK HOSE™

- The hose shall be of single jacket construction with 100% virgin filament polyester.
- There shall be a minimum of 10.0 filler yarns per inch in the jacket.
- The thickness of the lining shall be 0.013" (330 µm) minimum and it shall be constructed of extruded T.P.U. elastomer.
- The hose can be either coiled or pin folded.
- The hose service temperature range shall be -60°F to 140°F (-51°C to 60°C).
- At 500 PSIG (3500 kPa), its elongation shall not exceed 8% 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 5 turns per 50 ft (15,2 m) while at 500 PSIG (3500 kPa).
- Minimum service test pressure of 250 PSIG (1750 kPa).
- Minimum proof test pressure of 500 PSIG (3500 kPa).
- Minimum straight burst test pressure of 750 PSIG (5200 kPa).
- The hose while curved to a radius of 27" (69 cm) shall not burst at less than 750 PSIG (5200 kPa).
- Meets or exceeds FM, and UL-219 specifications.

## RACK HOSE™ 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)	1615	1 11/16" (42,9 mm)	6.25 lbs (2,8 kg)	14" (36 cm)	500 PSIG (3500 kPa)
2 1/2" (64 mm)	1575	2 11/16" (68,3 mm)	11.0 lbs (5,0 kg)	16" (41 cm)	500 PSIG (3500 kPa)

For more information please call your authorized dealer.

**NIEDNER**  
 ISO 9001 REGISTERED

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

