



# RACK HOSE™



- Light weight and compact.
- 100% polyester single jacket with TPU liner.



- Used for interior occupant use applications.

# 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 PSI (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 and or pin folding (number of pins required)

## How to specify RACK HOSE™

- The hose shall be of single jacket construction with 100% 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.
- 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 PSI (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 10 turns per 100 ft (30,5 m) while at 500 PSI (3500 kPa).
- Minimum service test pressure of 250 PSI (1750 kPa).
- Minimum proof test pressure of 500 PSI (3500 kPa).
- Minimum straight burst test pressure of 750 PSI (5200 kPa).
- The hose while curved to a radius of 27" (69 cm) shall not burst at less than 750 PSI (5200 kPa).
- Meets or exceeds FM, and UL-219 specifications.

<b>RACK HOSE™ PHYSICAL PROPERTIES</b>					
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
1 1/2" (38 mm)	<b>1615</b>	1 11/16" (42,9 mm)	12.5 lbs (5,7 kg)	14" (36 cm)	500 PSI (3500 kPa)
2 1/2" (64 mm)	<b>1575</b>	2 11/16" (68,3 mm)	22 lbs (9,9 kg)	16" (41 cm)	500 PSI (3500 kPa)
2 1/2" (64 mm)	<b>1525 (UL Label)</b>	2 11/16" (68,3 mm)	22 lbs (9,9 kg)	16" (41 cm)	500 PSI (3500 kPa)

- UL label available on 1 1/2" (38 mm) size – factory tested to 500 PSI (3500 kPa) and at 300 PSI (2100 kPa) for the 2 1/2" (64 mm) size



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