



# REELTEX®



- Very lightweight and designed for hose reels.
- 100% polyester with helical reinforcement.
- Excellent choice for CAF systems.
- Handles very easily and more flexible than hard rubber hose.

# REELTEX®

A unique single jacket hose designed for use on hose reels, without the weight of traditional hard rubber hose, REELTEX® handles easily and is an excellent choice for CAF system use. It is made of 100% polyester construction, with helical reinforcement, and red ENCAP™ treatment. Initially designed for wild land use, REELTEX® may be used in other applications but may have limitations that should be taken into consideration. When using REELTEX® with foam eductor systems, normal hose lay limits may change. Note reel diameter minimum requirements in chart below. Patent No. 2168497.



**Construction:** Circular woven, single jacket 100% virgin spun polyester, combined with a helical interior reinforcement.  
**Tube:** Extruded T.P.U. elastomer - ozone and age resistant.  
**Standard Lengths:** 50' and 100' (15,2 and 30,5 m).

## How to specify REELTEX®

- The hose shall be a single jacket construction of 100% virgin spun polyester, combined with a special helical interior reinforcement.
- There shall be a minimum of 12.5 filler yarns per inch in the jacket.
- The thickness of the lining shall be 0.030" (762 µm) minimum and it shall be constructed of lightweight extruded T.P.U. elastomer.
- The outside jacket shall be treated with red 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 140°F (-50°C to 60°C).
- The REELTEX® exterior can melt at 500°F (260°C) and burn at 550°F (287°C).
- FM abrasion test of 15,000 cycles minimum.
- At 600 PSI (4200 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 18 turns 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 1800 PSI (12600 kPa)
- The hose while curved to a radius of 27" (69 cm) shall not burst at less than 1800 PSI (12600 kPa).

## REELTEX® PHYSICAL PROPERTIES

Hose size	Spec number	Coupling bowl size	Weight / 50 ft (15,2 m) uncoupled	Min. bend radius	Coil volume / 50 ft, (15,2 m)	Minimum kink burst test pressure	Recommended reel size
3/4" (19 mm)	3207	1 3/16" (27,0 mm)	8.0 lbs (3,7 kg)	5" (13 cm)	1.38 ft³ (28617 cm³)	1000 PSI (6900 kPa)	10" (25 cm)
1" (25 mm)	3210	1 5/16" (33,3 mm)	10.5 lbs (4,8 kg)	6" (15 cm)	1.38 ft³ (28617 cm³)	1000 PSI (6900 kPa)	12" (31 cm)
1 1/2" (38 mm)	3215	1 13/16" (46,2 mm)	16.0 lbs (7,3 kg)	10" (25 cm)	2.00 ft³ (56634 cm³)	1000 PSI (6900 kPa)	20" (51 cm)



**1-800-567-2703**

sales@niedner.com

www.niedner.com