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

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

**STAFLO<sup>®</sup>**



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)

**STAFLO®**

A 100% filament polyester, TPU elastomer lined weeping forestry hose, lightweight, easily packed, and handled. The weepage rate is 11.8 to 18.6 oz/ft/minute at 100 PSIG (350-550 ml/0.3m/minute at 700 kPa). This single jacket forestry hose meets or exceeds ULC S-519.1.

Construction: Circular woven, single 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)

How to specify **STAFLO®**

- The hose shall be a single jacket construction with 100% virgin spun polyester.
- There shall be a minimum of 11.0 filler yarns per inch in the jacket.
- The thickness of the lining shall be 0.015" (381 µm) minimum and it shall be constructed of extruded T.P.U. elastomer.
- The complete hose assembly shall be treated with a suitable fungicide capable of migrating into the adhesive and lining material.
- The hose service temperature range shall be -60°F to 140°F (-51°C to 60°C).
- FM abrasion test of 1,000 cycles minimum.
- At 300 PSIG (2100 kPa), its elongation shall not exceed 6% 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 300 PSIG (2100 kPa).
- Minimum service test pressure of 150 PSIG (1050 kPa).
- Minimum proof test pressure of 300 PSIG (2100 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).
- The leakage shall be consistent and uniform throughout the length of the hose. The leakage rate per 1 foot of hose at 250 PSIG (1750 kPa) shall be 0.68 oz/ft/min (66 ml/m/min) for the 1" (25 mm) and 1.03 oz/ft/min (100 ml/m/min) for the 1 1/2" (38mm).
- Meets or exceeds ULC S-519.1-95 specification.

<b>STAFLO®</b> PHYSICAL PROPERTIES					
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" (25 mm)	<b>2160</b>	1 3/16" (30,2 mm)	8.0 lbs (3,6 kg)	15" (38 cm)	500 PSIG (3500 kPa)
1 1/2" (38 mm)	<b>2165</b>	1 11/16" (42,9 mm)	12.0 lbs (5,4 kg)	15" (38 cm)	500 PSIG (3500 kPa)

For more information please call your authorized dealer.

**NIEDNER**  
 ISO 9001 REGISTERED

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