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SPEC 187



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SPEC 187

An extremely lightweight all synthetic forestry hose, SPEC 187 meets or exceeds USDA FSS 5100-187 Type 1. This most widely used forestry hose is made of 100% filament polyester, and is lined with TPU elastomer. SPEC 187, is rated for a 250 PSIG (1750 kPa) service test pressure. Being very lightweight and compact allows more of this hose to be packed and carried than other forestry hose products.

Construction: Circular bias 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)

How to specify SPEC 187

- The hose shall be a single jacket construction with 100% virgin filament polyester.
- There shall be a minimum of 14.5 polyester 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 450 PSIG (3150 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 450 PSIG (3150 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).
- 1 1/2" size meets or exceeds USDA 5100-187 Type I and ULC S-518.1-95 specifications.

SPEC 187 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)	5090	1 3/16" (30,2 mm)	8.5 lbs (3,9 kg)	15" (38 cm)	500 PSIG (3500 kPa)
1 1/2" (38 mm)	5095	1 11/16" (42,9 mm)	13.75 lbs (6,3 kg)	15" (38 cm)	500 PSIG (3500 kPa)

For more information please call your authorized dealer.

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