



HOTSTOP[®]



- Lightweight and designed for hose reels.
- Aramid fiber reinforced construction.

- Superior heat and abrasion resistance.
- Extended degradation and burn point.

HOTSTOP®

With a design similar to REELTEX®, HOTSTOP® has a greater heat and abrasion resistance by using the Aramid™ fiber in place of the polyester. This extends the melt point to 750°F (399°C) and the burn point to 800°F (427°C). All performance features of REELTEX® apply equally to HOTSTOP®, but with standard yellow ENCAP™. When using HOTSTOP® 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% ARAMID warp, 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 HOTSTOP®

- The hose shall be a single jacket construction of 100% ARAMID™ warp yarn, yellow ENCAP™ treated, combined with a special helical interior reinforcement.
- There shall be a minimum of 14 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 jacket shall be treated with yellow ENCAP™ elastomer which shall completely encapsulate the jacket fibers and not merely surface coat the jacket.
- The hose service temperature range shall be -40°F to 175°F (-40°C to 79°C). While in service, the hose can briefly withstand a temperature of 700°F (371°C) without any damage to the jacket or liner.
- FM abrasion test of 30000 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 while under 600 PSI (4200 kPa) shall not twist more than 15 turns per 100 ft (30,5 m).
- 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).

HOTSTOP® 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 reel size	Minimum kink burst test pressure
1" (25 mm)	3360	1 5/16" (33,3 mm)	10.25 lbs (4,6 kg)	6" (15 cm)	1.38 ft ³ (28617 cm ³)	12" (31 cm)	1000 PSI (6900 kPa)



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