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MANUFACTURER OF MUNICIPAL, FORESTRY AND INDUSTRIAL HOSE

POWERLINE[®]



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*SUPERIOR PRODUCTS THAT SUPPORT YOU IN **SAVING LIVES***

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POWERLINE®

A unique fire hose designed by firefighters for maximum performance and dependability, POWERLINE® is a 100% polyester double jacket, 400 PSIG (2800 kPa) service test pressure rated fire hose, with an EPDM rubber liner. The outer jacket of spun polyester is constructed using a patented polymeric infusion process that produces superior kink resistance and water flow. Patent No. 6336473 applies. While lighter in weight than most of its competitors, POWERLINE® is resistant to cuts, snags, punctures, and abrasion. This unique product is being widely used in extreme attack hose applications. The bright yellow ENCAP™ outer jacket with blue woven stripe enhances the visibility of this hose in all conditions. Test POWERLINE® and convince your fire department of its value.

Construction: Circular woven, double jacket 100% virgin spun polyester.
 Tube: Lightweight extruded E.P.D.M. rubber - Ozone and age resistant.
 Standard Lengths: 50' and 100' (15,2 and 30,5 m)

How to specify **POWERLINE®**

- The hose shall be of double jacket construction with 100% spun polyester yarn in both jackets.
- There shall be a minimum of 10.0 filler yarns per inch for the 1 1/2" and 1 3/4" sizes, and a minimum of 11.0 filler yarns per inch for the 2" (51 mm) size and a minimum of 12.5 filler yarns per inch for the 2 1/2" (64 mm) size in both the inner and outer jackets.
- The thickness of the lining shall be 0.022" (559 µm) minimum and it shall be constructed of lightweight extruded E.P.D.M. rubber.
- The outside jacket shall be treated with ENCAP™ elastomer, which shall completely encapsulate the jacket fibers and not merely surface coat the jacket. It shall have a blue 3/4" wide stripe woven into it.
- The hose service temperature range shall be -40°F to 175°F (-40°C to 79°C).
- FM abrasion test of 30,000 cycles minimum and Taber abrasion test of 15,000 cycles minimum.
- At 800 PSIG (5600 kPa), its elongation shall not exceed 10% 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 3 turns for the 1 1/2" and 1 3/4" (38 and 45 mm) sizes and 2 turns per 50 ft (15,2 m) while at 800 PSIG (5600 kPa) for the 2" and 2 1/2" (51 and 64 mm) sizes.
- Minimum service test pressure of 400 PSIG (2800 kPa).
- Minimum proof test pressure of 800 PSIG (5600 kPa).
- Minimum straight burst test pressure of 1200 PSIG (8400 kPa).
- The hose while curved to a radius of 27" (69 cm) shall not burst at less than 1200 PSIG (8400 kPa).
- Meets or exceeds NFPA 1961 specifications.

POWERLINE® PHYSICAL PROPERTIES

Hose size	Spec number	Coupling bowl size	Weight / 50 ft (15,2 m) uncoupled	Coil dia. / 50 ft (15,2 m)	Minimum kink burst test pressure
1 1/2" (38 mm)	4665	1 15/16" (49,2 mm)	16.0 lbs (7,3 kg)	16" (41 cm)	900 PSIG (6300 kPa)
1 3/4" (45 mm)	4667	2 1/16" (52,4 mm)	18.5 lbs (8,4 kg)	16" (41 cm)	900 PSIG (6300 kPa)
2" (51 mm)	4670	2 5/16" (58,7 mm)	21.5 lbs (9,8 kg)	17" (43 cm)	900 PSIG (6300 kPa)
2 1/2" (64 mm)	4675	3" (76,2 mm)	28 lbs (12,7 kg)	17" (43 cm)	900 PSIG (6300 kPa)

For more information please call your authorized dealer.

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