



# POWERLINE®



- Very robust attack hose developed with firefighters to handle today's extreme applications.
- Patented polymeric infused outside jacket combined with an EPDM lined inner jacket.
- Unbeatable anti-kink performance.
- Ultimate resistance to cuts, snags, punctures and abrasion.

# POWERLINE®

A unique fire hose designed by firefighters for maximum performance and dependability, POWERLINE® is a 100% polyester double jacket, 400 PSI (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.
- 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 (dyed yarn) 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 PSI (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 per 50 ft (15,2 m) while at 800 PSI (5600 kPa).
- Minimum service test pressure of 400 PSI (2800 kPa).
- Minimum proof test pressure of 800 PSI (5600 kPa).
- Minimum straight burst test pressure of 1400 PSI (9800 kPa).
- The hose while curved to a radius of 27" (69 cm) shall not burst at less than 1400 PSI (9800 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 PSI (6300 kPa)
1 3/4" (45 mm)	4667	2 1/16" (52,4 mm)	18.0 lbs (8,2 kg)	16" (41 cm)	900 PSI (6300 kPa)

Requires thin wall double jacket tail gaskets in couplings.



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