



UIF 600™



· Light and very durable forestry hose developed for use in urban interface areas.

· High abrasion resistance.
· 100% polyester single jacket with TPU liner.

UIF 600™

A very durable single jacket forestry hose, with a service test pressure of 300 PSI (2100 kPa) and constructed of 100% spun polyester lined with TPU elastomer. Beige ENCAP™ treatment improves abrasion resistance and reduces water absorption. The high quality construction of UIF 600™ makes it an excellent choice for many single jacket applications.



Construction: Circular bias woven, single jacket 100% 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 UIF 600™

- The hose shall be a single jacket construction with 100% spun polyester yarn.
- There shall be a minimum of 12.0 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 outside jacket shall be treated with beige ENCAP™ elastomer, which shall completely encapsulate the jacket fibers and not merely surface coat the jacket.
- The hose service temperature range shall be -60°F to 140°F (-51°C to 60°C).
- FM abrasion test of 5,000 cycles minimum and Taber abrasion test of 1,000 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 shall not twist more than 12 turns for the 1" (25 mm) size, and not more than 8 turns for the 1 1/2" (38 mm) hose per 100 ft (30,5 m) while at 600 PSI (4200 kPa)
- Minimum service test pressure of 300 PSI (2100 kPa).
- Minimum proof test pressure of 600 PSI (4200 kPa).
- Minimum straight burst test pressure of 900 PSI (6300 kPa).
- The hose while curved to a radius of 27" (69 cm) shall not burst at less than 900 PSI (6300 kPa).
- 1 1/2" size meets or exceeds USDA FSS 5100-187

UIF 600™ 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 | 50090E11 | 1 3/16" 30,2 mm | 8.0 lbs 3,9 kg | 16 1/2" (42 cm) | 600 PSI 4200 kPa |
| 1 1/2" 38 mm | 50095E11 | 1 11/16" 42,9 mm | 13.25 lbs 6,0 kg | 16 1/2" (42 cm) | 600 PSI 4200 kPa |



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