



# DOUBLE 5 BRAND™



- Industrial grade fire hose designed specifically to combat oil-refinery and large storage tank fires.
- 100% polyester double jacket with TPU liner LDH hose.
- Ideal for very high pressure water flow applications.
- Designed in accordance with WFHC specifications.

# DOUBLE 5 BRAND™

Unique lightweight 7" (178 mm) large diameter hose, 100% filament polyester, capable of significant water flow at higher pressures. It is specifically designed to combat oil refinery and large storage tank fires. Available with beige (tan) ENCAP™ that provides water repellency, abrasion, oil and chemical resistance. The DOUBLE 5 BRAND™ is offered exclusively through Williams Fire & Hazard Control located in Mauriceville, Texas at 1-800-231-4613 or on-line at [www.williamsfire.com](http://www.williamsfire.com).



**Construction:** Circular woven, double jacket 100% filament polyester.  
**Tube:** Extruded T.P.U. elastomer - Ozone and age resistant.  
**Standard Lengths:** Up to 200 feet (61 m)

## How to specify DOUBLE 5 BRAND™

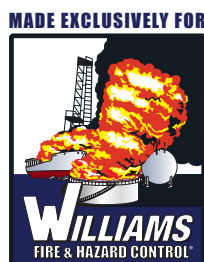
- The hose shall be of double jacket construction with 100% filament polyester yarn in both jackets.
- There shall be a minimum of 12.5 filler yarns per inch in the inner jacket and a minimum of 12.5 filler yarns per inch in the outer jacket.
- The thickness of the lining shall be 0.025" (635 µm) minimum and it shall be constructed of extruded T.P.U. elastomer.
- The outside jacket shall be treated with beige (tan) 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 150°F (-51°C to 66°C).
- FM abrasion test of 50,000 cycles minimum and Taber abrasion test of 15,000 cycles minimum.
- At 300 PSI (2100 kPa), its elongation shall not exceed 12% of the initial hose length, it shall not warp more than 6 inches (15 cm) and should not rise from the test table.
- The hose shall not twist more than 1/2 turn per 100 ft (30,5 m) while at 300 PSI (2100 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 750 PSI (5170 kPa).
- The hose while curved to a radius of 27" (69 cm) shall not burst at less than 750 PSI (5170 kPa).
- Meets or exceeds NFPA 1961 specifications.

## DOUBLE 5 BRAND™ PHYSICAL PROPERTIES

| Hose size   | Spec Number | Weight / 100 ft. (30,5 m) Uncoupled | Coil dia./100 ft (30,5 m) Uncoupled | Flat width       | Hose thickness  | Service test pressure | Proof Pressure      | Burst Pressure      |
|-------------|-------------|-------------------------------------|-------------------------------------|------------------|-----------------|-----------------------|---------------------|---------------------|
| 7" (178 mm) | 50072       | 135 lbs<br>61 kg                    | 26.5"<br>67 cm                      | 10.5"<br>26,6 cm | 0.5"<br>12,7 mm | 300 PSI<br>2100 kPa   | 600 PSI<br>4200 kPa | 750 PSI<br>5170 kPa |



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[www.niedner.com](http://www.niedner.com)