



Niedner is proud to raise the performance bar by launching its latest double jacketed attack line the MAXXUM™ FFC. This new attack hose, specifically developed for extreme fire fighting situations is designed using the New “FAST WATER TECHNOLOGY” platform making it superior to all others hose products in its category on the market today. What makes this hose truly exceptional to give it its edge, is the use of an innovative new patent pending fusion process (Fiber Fusion Cambric) which renders the liner inseparable from the jacket. This newly developed process provides adhesion, kink and flow benefits far beyond those of conventional woven lay-flat hose. **In fact, the MAXXUM™ FFC is the only double jacketed hose that can withstand an internal water pressure of up to 400 psi without leaking or bursting, even with a 1” diameter hole through both woven jackets.** Furthermore the anti-abrasion resistance of the outer jacket has been increased by close to 300% (when compared to equivalent hose products) as it is treated with a DALCOAT™ protective finish.



## MAXXUM™ FFC

*The first attack line designed using “Fast Water Technology”*

**Construction:** Circular woven, double jacket 100% virgin spun polyester.  
**Tube:** FFC extruded TPU elastomer - Ozone and age resistant.  
**Standard lengths:** 50' and 100' (15,2 and 30,5 m)

### How to specify MAXXUM™ FFC

- 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 TPU shall be 0.015" (0.3 mm) minimum.
- The outside jacket shall be treated with DALCOAT™ elastomer, which shall completely encapsulate the jacket fibers and not simply surface coat the jacket. It shall have three black (dyed yarn) 1/4" wide stripes woven into it.
- The hose service temperature range shall be -60°F to 150°F (-51°C to 66°C).
- FM abrasion test of 30,000 cycles minimum and Taber abrasion test of 100,000 cycles minimum.
- At 800 PSI (5600 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 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 shall continue to function normally withstanding an internal pressure of 400 PSI (2800 kPa) without leaking or bursting with a 1 in. diameter hole through both jackets.
- 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.

MAXXUM™ FFC PHYSICAL PROPERTIES							
Hose Size	Spec Number	Coupling Bowl Size	Weight / 50 ft. (15,2 m) uncoupled	Coil dia. / 50 ft (15,2 m)	Service test pressure	Proof test pressure	Burst test pressure
1 3/4" (45 mm)	9617	2 1/16" (52,4 cm)	16.0 lbs (7.3 kg)	20" (51 cm)	400 PSI (2800 kPa)	800 PSI (5600 kPa)	1400 PSI (9800 kPa)

Requires thin wall double jacket tail gaskets in couplings.

