

ADVANCE™ offers proven performance in an amazingly affordable protective fabric. Its special construction, engineered from a blend of DuPont™ KEVLAR® and NOMEX® brand fibers, provides high strength, durability and thermal protection. Clothing made from tough ADVANCE fabric is geared for the thermal hazards, long hours, heavy labor, and rugged terrain of real-world wildland fire fighting.

- **Outstanding thermal protection**—Exceptional thermal integrity allows the use of lightweight liners for added comfort, flexibility and performance without compromising thermal protection.
- **Proven durability**—Built-in protection of fiber blend and rip-stop weave provides strength and flexibility even after extreme thermal exposure.
- **Long-lasting dependability**—Proven track record in the field.
- **Highly affordable**—Hardworking protective fabric at a great price.

ADVANCE delivers peace of mind when lives are on the line. Only by TenCate SouthernMills.



TENCATE
Advance™

PHYSICAL PROPERTIES	NFPA 1977 Methods	ADVANCE™	NFPA 1977-2005 Edition Requirements
Weight, oz		7.0	
Dimensional Stability, %, after 5X warp fill	AATCC 135 (cotton sturdy)	<5 <5	5.0 max 5.0 max
Tearing Strength, lbs (warp x fill)	ASTM D 1424	55+ x 55+	5 lb min
RPP rating, cal/cm² Initial After 5 launderings	ASTM F 1939	8.5 10	7 min 7 min
Flame Resistance (warp x fill) After flame, sec Char Length, inches	ASTM D 6413	0.0 x 0.0 0.7 x 0.8	2.0 sec max 4.0 inches max
Flame Resistance (warp x fill) (warp x fill) after 100 launderings After flame, sec Char Length, inches		0.0 x 0.0 0.6 x 0.7	2.0 sec max 4.0 inches max
Thermal Shrinkage, % (warp x fill)	NFPA 1977-2005	0.5 x 0.5	10 % max
Total Heat Loss, W/m²	ASTM F 1868	585	450 min

**FIBER BLEND: 60% KEVLAR®
40% NOMEX®**
WEIGHT: 7.0 oz (sq yd)
WEAVE: Rip-Stop
COLORS: Navy, Khaki
FINISH: SUPER SHELLTITE™, SHELLTITE™
END USE: Wildland Fire Fighting Protective Clothing



Finishing and Non-woven are ISO-9001 Certified Facilities.

TENCATE™
SOUTHERNMILLS™
The Most Trusted Name In Protective Fabrics.

SUNLIGHT/UV EXPOSURE ADVISORY: Prolonged sunlight and UV exposure can be damaging to aramid fibers. Both natural (undyed) and dyed aramid fibers will fade or change color with exposure to sunlight or other UV sources. The thermal performance is not affected, but long term or repeated exposures will cause the fabric to gradually weaken. Garments should be stored so that they are protected from sunlight, including windows and bay doors, to maximize wear life. SOUTHERN MILLS OFFERS NO WARRANTIES, IMPLIED OR OTHERWISE, FOR COLOR CHANGE OR FABRIC DAMAGE DUE TO UV EXPOSURE.

To the best of our knowledge, the information contained herein is accurate. However, SOUTHERN MILLS assumes no liability whatsoever for the accuracy or completeness of the information contained herein. Users of any substance must satisfy themselves by independent investigation that the material can be used safely. We have described certain hazards, but we cannot guarantee that these are the only hazards.

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