

Style 362/Style 469

WILDLAND

PHYSICAL PROPERTIES	(5100-87C Methods)	(NFPA 1977 Methods)	Style 362	Style 469	USDA Forest Service Spec 5100-87C	NFPA 1977-2005 Edition Requirements
Weight (+ or -5%) oz (sq yd) grams (sq meter)			5.8 197	7.7 262	5.5 min	
Yarns per inch	FTMS 191A-5050		87 x 54	74 x 45	85 x 50 min	
Dimensional Stability, after 5X warp fill	FTMS 191A-5556	AATCC 135	<4 <2	<4 <2	4.0 max 2.0 max	5.0 max 5.0 max
Breaking Strength, lbs	FTMS 191A-5100		200 x 130	275 x 240	160 x 80 min	
Tearing Strength, lbs	FTMS 191A-5132	ASTM D 1424	25 x 20	20 x 20	12 x 12 min	5 min
Air Permeability, cu.Ft/min	FTMS 191A-5450		70	55	30-90	
pH	FTMS 191A-2811		5.5	5.5	4.0 - 8.0	
Seam Efficiency, %	FTMS 191A-5110		100	95	80 min	
RPP rating, cal/cm2 Initial After 5 launderings		ASTM F 1939	8 9	10 10.5		7.0 min 7.0 min
Flame Resistance (warp x fill) After flame, sec After glow, sec Char Length, inches	FTMS 191A-5903	ASTM D 6413	0.0 x 0.0 4.0 x 4.0 1.9 x 1.9	0.0 x 0.0 3.0 x 3.0 2.0 x 2.0	2.0 max 8.0 max 3.5 max	2.0 sec max 4.0 inches max
Flame Resistance (warp x fill) after 100 launderings After flame, sec Char Length, inches			0.0 x 0.0 2.3 x 2.3	0.0 x 0.0 2.3 x 2.5		2.0 sec max 4.0 inches max
Thermal Shrinkage, % (warp x fill)		NFPA 1977-2005	-2.5 x -2.5	-1.5 x -1.5		10 % max
Total Heat Loss, W/m2		ASTM F 1868	720	650		450 min
Colorfastness to: Light (6 hours) Laundering (5 cycles)	FTMS 191A-5660 FTMS 191A-5610		GOOD GOOD	GOOD GOOD	Equal to or better than standard Equal to or better than standard	

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FIBER BLEND: 93% NOMEX® 5% KEVLAR® 2% P-140	93% NOMEX® 5% KEVLAR® 2% P-140
WEAVE: MODIFIED BASKET	TWILL
COLOR: YELLOW	SPRUCE GREEN
FINISH: WICKWELL PLUS	NONE
END USE: PROTECTIVE SHIRTS; FACE SHROUDS	PROTECTIVE PANTS



The Most Trusted Name In Protective Fabrics.

LAUNDERING: Garments made with STYLE 362 and 469 fabrics are easily maintained by home or industrial laundering. For detailed laundering specifications, please contact SOUTHERN MILLS at (800) 241-8630.

SUNLIGHT/UV EXPOSURE ADVISORY: Prolonged sunlight and UV exposure can be damaging to aramid and PBO fibers. Both natural (undyed) and dyed aramid and PBO 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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SOUTHERN MILLS, Inc.
6501 Mall Blvd.
P.O. Box 289
Union City, GA 30291
Phone: 770.969.1000
Fax: 770.969.6846
Toll Free: 800.241.8630
www.southernmills.com

Style 362/Style 469

Protective Outerwear Fabrics

WILDLAND

Style 362 and Style 469 are tough fabrics geared for the thermal hazards, long hours, heavy labor, and rugged terrain of real-world wildland fire fighting.

- **Certified to NFPA 1977** – Manufacturers' requirements for ISO 17025 (General requirements for the competence of testing and calibration laboratories) and ISO 9001 (Quality management systems requirements).
- **Optimum protection** – Superior thermal protection, durability, comfort and visibility geared for the thermal hazards, long hours, heavy labor and rugged terrain of real-world wildland fire fighting.

STYLE 362/STYLE 369 delivers piece of mind when lives are on the line. Only by TenCate SouthernMills.



Style 362 - Protective Shirt And Face Shroud Fabric

Style 469 - Protective Pants Fabric