



# Aramid camouflage

## Patented Technology

PHYSICAL PROPERTIES		ARAMID CAMO	Mil-C-83429B Type II Class 5 Requirements
<b>Yarns per inch</b> (warp x fill)	<b>FTMS 191A-5050</b>	68 x 47	66 x 44 min
<b>Breaking Strength (lbs)</b> (warp x fill)	<b>ASTM D 5034</b>	200 x 150	180 x 100
<b>Tearing Strength (lbs)</b> (warp x fill)	<b>ASTM D 1424</b>	12 x 9	8.0 x 5.0
<b>Fabric Break Open (sec)</b>	<b>Mil-C-83429B</b>	>30	>30
<b>Air Permeability (cu. Ft/min)</b>	<b>FTMS 191A-5450</b>	80	25-160
<b>Flame Resistance</b> (warp x fill) after flame (sec) after glow (sec) char length (inches)	<b>FTMS 191A-5903</b>	0.0 x 0.0 1.0 x 1.0 2.5 x 2.5	2.0 max 25.0 max 4.0 max
<b>pH</b>	<b>FTMS 191A-2811</b>	7.5	4.0-8.0
<b>Dimensional Stability</b> (warp x fill) after 15 launderings	<b>FTMS 191A-5556</b> (mobile)	3.0 x 1.5	3.5% max/specimen
<b>Seam Efficiency (%)</b>	<b>FTMS 191A-5110</b>	100	80 min
<b>Colorfastness</b> <b>Crocking</b> wet/dry	<b>FTMS 191A-5651</b>	4.0/2.0 5.0/4.5	1.0 Black 3.5 all other colors
<b>Laundering (3 cycles)</b> color change/stain	<b>FTMS 191A-5610</b>	good/good	Equal to or better than standard
<b>Xenon Light (20Kj)</b>	<b>AATCC Method 16</b> (option E)	good	Equal to or better than standard
<b>Perspiration</b> color change/stain	<b>FTMS 191A-5680</b>	good/good	Equal to or better than standard

**COMPOSITION: 92% NOMEX®, 5% KEVLAR® 3% P-140**

**WEIGHT: 5.4 oz (sq yd)**

**FABRIC CONSTRUCTION: Plain Weave**

**PRINT DESIGN: Universal Camouflage (UCP), MARPAT, Tiger Stripe**

**END USE: Military Combat Uniforms**



Finishing and Nonwoven are  
ISO-9001 Certified Facilities.

**LAUNDERING:** Garments made with ARAMID CAMOUFLAGE 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.

Products described herein are covered by one or more of the following U. S. Patents:  
6,840,967 - 4,705,523 - 4,705,527 - 4,752,300 - 4,911,730 - 4,981,488 - 5,215,545 - 5,275,627 and 5,306,312.

©2008 SOUTHERN MILLS, Inc. TENCATE is a trademark of ROYAL TEN CATE NV. SOUTHERNMILLS is a trademark of SOUTHERN MILLS, Inc. NOMEX® and KEVLAR® are registered trademarks of DuPont or its affiliates. SOUTHERN MILLS patents pending.

05/28/08 165-08-008 940.2349 without fabric/940.235 with fabric

**TENCATE™**  
materials that make a difference

**TenCate Protective Fabrics**  
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.tencate.com/protective](http://www.tencate.com/protective)





# Aramid camouflage

## Patented Technology

MILITARY

ARAMID CAMOUFLAGE fabric offers significant advantages thanks to its superior performance in:

**Protection** – Proven protection and performance of NOMEX®.

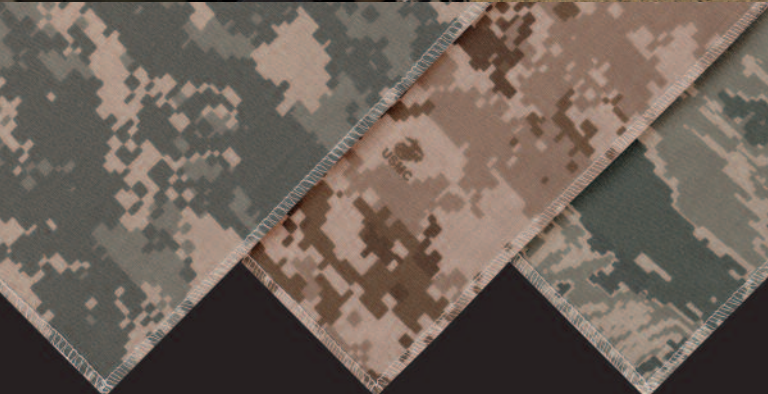
**Comfort** – Increased air permeability provides improved breathability and comfort.

**Durability** – Increased abrasion resistance assures better fabric performance under rugged conditions.

**Appearance** – Reduced pilling improves the overall appearance. Higher flexural rigidity delivers improved performance through a firmer hand, better drape of the garment, and by helping the garment maintain its shape.

MIL-C-83429B Type II Class 5 compliant for physical requirements.

ARAMID CAMOUFLAGE delivers peace of mind when lives are on the line.



UNIVERSAL CAMO

DESERT MARPAT

TIGER STRIPE

UNIVERSAL CAMO

