



# **BRAVO**<sup>TM</sup>

## **BATTLE TESTED... FIRE FIGHTER APPROVED**

Bravo is a patent pending, revolutionary four fiber blended fabric originally designed as a fire resistant fabric for battle dress uniforms. After receiving accolades from the US military, Safety Components brings this same patent pending fabric technology to the fire service as an affordable, durable, and comfortable fire fighting thermal liner.

Through its innovative blend, Bravo brings together the best properties of each fiber to create a durable, protective fabric, with a high level of comfort and wick-ability. Bravo does all this while at an affordable price – even with a 2 layer spunlace batting system.



“ 70%

of the Top 10

Metro Cities specify

Safety Components

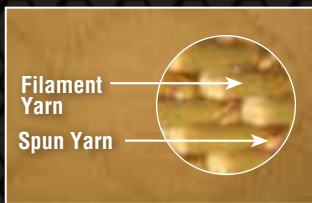
protective fabrics. ”



**SAFETY COMPONENTS**

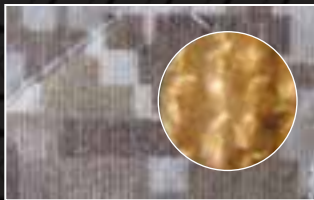
PROVEN PROTECTION. PROVEN PERFORMANCE. PROVEN DURABILITY.

GLIDE™



Excellent Protection – Excellent Comfort

BRAVO™



Excellent Protection – Good Comfort

ARALITE®



Good Protection – Poor Comfort

# BRAVO™

**FACE CLOTH:** 45% DuPont™ Nomex®  
6% DuPont™ Kevlar®  
32% FR Viscose  
17% Polyamide

**AVAILABLE BATTINGS:** 2 Layers of Spunlace  
(1.9 oz/yd<sup>2</sup> - 50%  
Aramid / 50% FR Viscose)  
Other battings may be available



## Innovative Fiber Blend

We balanced the best properties of 4 different fibers to create an economical, yet comfortable and durable thermal liner. Using trusted names like DuPont™ Nomex® and DuPont™ Kevlar® as well as less known Lenzing FR and polyamide, Bravo is comprised with the same fibers used in our revolutionary military battle dress fabric.

## Affordable and Durable Protection

With tightening budgets becoming a new reality, Bravo answers the call and provides an economical solution to fire departments. Bravo is an excellent choice for departments wanting a 2 layer spunlace batting to go along with a reliable facecloth...all at an economical price.

## Comfort

While proven in demanding FR markets worldwide, Lenzing FR® is a relatively new fiber to the North American fire service. One of its most beneficial attributes is to provide excellent moisture management with it's ability to wick. It is also soft and durable when blended with other aramid fibers like DuPont Nomex and DuPont Kevlar.

## Battle Tested by the US Military

As our camo print depicts, the Bravo blend has been tested by all sectors of the US Military and is the product of choice in FR cold weather battle gear.

Bravo...protective, durable, comfortable and economical FR protection for today's strained budgets.

40 Emery Street • Greenville, SC 29605 • 800-896-6926 ext. 25 • [www.safetycomponents.com](http://www.safetycomponents.com)

Safety Components maintains ISO 9001:2000, TS 16949 and ISO 14001 certifications. Our fabric testing laboratories are ISO 1725 approved, ASTM (North America), DIN (Europe), JIS (Asia), and NFPA certified. Throughout our 100 year history, Safety Components has developed a reputation for product quality, product innovation, product diversity and on-time delivery.

Bravo and Glide are trademarks of Safety Components Fabric Technologies, Inc.

Aralite is a registered trademark of TenCate Protective Fabrics. TenCate is a trademark of Royal Ten Cate.

KEVLAR and NOMEX are DuPont registered trademarks.

Lenzing FR is a registered trademark of Lenzing AG or its affiliates.



A Proud  
Supporter Of



Face Cloth: **51% Aramid / 32% FR Viscose / 17% Polyamide**  
 Batting: **2 Layers of 1.9 oz/yd<sup>2</sup> 50% Aramid / 50% FR Viscose Batting**  
 Weight: **7.4 oz/sqyd**  
 Width: **60 Inch usable**  
 Color: **Camo Print**

NFPA 1971  
 2007 Edition  
 Requirements

<b>Flame Resistance - ASTM D 6413</b>			
Char Length in Inch			
	Initial	<b>&lt;2.0</b>	4.0 Max
	After 5 Launderings	<b>&lt;1.5</b>	4.0 Max
After Flame in Second			
	Initial	<b>0</b>	2.0 Max
	After 5 Launderings	<b>0</b>	2.0 Max
Melt or Drip			
	Initial	<b>0</b>	0 Min
	After 5 Launderings	<b>0</b>	0 Min

<b>Thickness - ASTM D 1777</b>			
Inches			
	Initial	<b>0.06</b>	N/A

<b>Heat/Thermal Resistance - NFPA 1971 8.6</b>			
Percentage of Shrinkage after 5mn at 500°F			
	Initial	<b>&lt;3.0</b>	10.0 Max
	After 5 Launderings	<b>&lt;4.0</b>	10.0 Max

<b>Tear Resistance - ASTM D 5587</b>			
Trapezoidal Tear Strength in lbf			
	Initial	<b>&gt;45</b>	5 Min
	After 5 Launderings	<b>&gt;40</b>	5 Min

<b>Cleaning Shrinkage Resistance - AATCC 135</b>			
Percentage of Shrinkage			
	After 5 Launderings	<b>&lt;4.0</b>	5.0 Max

SAFETY COMPONENTS, INC.  
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