

XE™-389 CHAMBRAY by DIFCO Thermal Barrier



Batting	3 Layers E89™ 1.5 osy Spunlace
Face Cloth	3.25 oz/yd² RipStop 100% Nomex® IIIA

Also available with **Silver**
Anti-Odor Finish!



XE™-389 CHAMBRAY

Difco has engineered a wide variety of moisture barriers that provide light-weight protection against the heat experienced by firefighters.

Thermal liners work together with the outershell and a moisture barrier to give firefighters the complete turnout outfit they need.

With a wide variety of options available, Difco has the thermal liner that meets your specific needs and budget.

XE389 7.8 oz

- Made of 3.25oz Nomex® /3 layers E89
- Moderately heavy spunlace
- High TPP per weight
- Good THL
- Good moisture transport

Place swatch here
4.5" x 6"

Place swatch here
4.5" x 5"

Place swatch here
4.5" x 4"

Place swatch here
4.5" x 3"

Place swatch here
4.5" x 2"



1800-668-4724

contactus@tencate.com

www.difcoperformance.com

XE™-389 CHAMBRAY Thermal Barrier by DIFCO



Batting	3 Layers E89™ 1.5 & 2.3 osy Spunlace
Face Cloth	3.25 oz/yd² 1X1 100% Nomex® IIIA



TECHNICAL SPECIFICATIONS

DIFCO® is a registered trademark of TenCate Performance Fabrics.
XE-389 is a trademark of TenCate Performance Fabrics.
Nomex® is a registered trademark of E.I. DuPont de Nemours and Company. DuPont Canada is a licensee
TenCate Performance Fabrics cannot guarantee the suitability of its products for any particular purpose. Test results in respect of any particular item of product may vary. It's the sole responsibility of the user to perform all testing necessary to determine suitability of the product for user's applications.
TenCate Performance Fabrics disclaims all warranties, express or implied, including without limitation, any implied warranty of merchantability or fitness for a particular purpose.

Rev:190310

Weight	
Batting	
Face Cloth	
Type	
Color	
Tests	NFPA 1971 2007ed. Thermal barriers Section & Requirements Test
Flame Resistance Initial	ASTM D 6413
Afterflame	max. 2 sec
Char length	8.2 max.100 mm 4.0"
Observations	shall not melt or drip
After 5 washes	ASTM D 6413
Afterflame	max. 2 sec
Char length	8.2 max.100 mm 4.0"
Observations	shall not melt or drip
Thermal shrinkage resistance Initial	8.6 max. 10%
After 5 washes	max. 10%
Heat resistance Initial	8.6 shall not melt, separate, or ignite
After 5 washes	
Cleaning shrinkage resistance	AATCC 135 1 - V - Ai 8.25 max. 5%
Tear resistance Initial	ASTM D 5587 min. 22 N 5 lbf
After 5 washes	8.12 min. 22 N 5 lbf

XE™-389	
7.8 oz/yd² 263 g/m²	
3 Layers of E89™ 1.5 osy Spunlace	
3.25 oz/yd² 1X1 100% Nomex® IIIA	
Quilted	
Results	
Warp	Fill
<1	<1
25 mm	20 mm
1.0"	0.8"
complies	
Warp	Fill
<1	<1
35 mm	25 mm
1.4"	1.0"
complies	
-1.5	-1.5
-0.2	-0.3
complies	
complies	
<4	<3
225 N	165 N
51 lbf	37 lbf
225 N	150 N
51 lbf	34 lbf

Component Certified by UL for:	NFPA 1971 ed 07
	CAN/CGSB 155.1

yes
yes



1800-668-4724
contactus@tencate.com
www.difcoperformance.com

