

XE™-389

by DIFCO



Thermal Barrier

Batting	3 Layers E89™ 1.5 osy Spunlace
Face Cloth	3.25 oz/yd <sup>2</sup> 1X1 100% Nomex® IIIA

Also available with Silver Anti-Odor Finish!



XE™-389

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"



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XE™-389

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 DIFCO Performance Fabrics Inc. 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

			XE™-389 Chambray
Weight			7.8 oz/yd² 263 g/m²
Batting			3 Layers of E89™ 1.5 osy Spunlace
Face Cloth			3.25 oz/yd² Rip Stop 100% Nomex® IIIA
Type			Quilted
Color			
Tests	NFPA 1971 2007ed. Thermal barriers Section & Requirements		Results
Flame Resistance Initial	ASTM D 6413		Warp
Afterflame	8.2	max. 2 sec	<1
Char length		max.100 mm 4.0"	20 mm 0.8"
Observations		shall not melt or drip	20 mm 0.8"
After 5 washes	ASTM D 6413		complies
Afterflame	8.2	max. 2 sec	Warp
Char length		max.100 mm 4.0"	Fill
Observations		shall not melt or drip	0
Thermal shrinkage resistance Initial	8.6	max. 10%	0
After 5 washes		max. 10%	20 mm
Heat resistance Initial	8.6	shall not melt, separate, or ignite	20 mm
After 5 washes			complies
Cleaning shrinkage resistance	AATCC 135 1 - V - Ai 8.25	max. 5%	0.8"
Tear resistance Initial	ASTM D 5587	min. 22 N 5 lbf	complies
After 5 washes		8.12	min. 22 N 5 lbf
Component Certified by UL for:	NFPA 1971 ed 07		<3
	CAN/CGSB 155.1		245 N
			230 N
			55 lbf
			52 lbf
			220 N
			230 N
			49 lbf
			52 lbf
			yes
			yes



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