

Face:	100% Nomex® IIIA
Insulation - Needlepunch batting:	90% reprocessed Virgin Aramid fibers 10% FR viscose Coating: 100% FR Polyurethane



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"

For those bitterly cold workdays in Fall or Winter, when you need the Protection from the elements and you need the Protection from the Fire hazards of your work-place, Difco offers the best Quilted Thermal Insulation Liners in the business.

Using our excellent inherent Genesis flame resistant fabrics, we quilt these to the best-in-class FR battings for maximum warmth (CLO value) and wind resistance.

**Features and Advantages:**

- Flame Resistant
- Excellent thermal insulating properties – great CLO values
- Most renown insulation on the market today
- The leader in the Canadian marketplace for many years
- Excellent comfort and durability
- Moisture management to efficiently wick sweat for quicker drying time



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# TECHNICAL SPECIFICATIONS

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Rev:19031

Weight		
Quilted liner	Face:	
	Insulation Needle-punch batting:	
End Use		
Color		
Test	Method & Specification	
Flame resistance - initial		
Char length (mm)	ASTM D 6413	max. 100 mm 4.0"
Melt / Drip		no melt, no drip
Flame resistance - 25 Domestic Laundering		
Char length (mm)	washing AATCC 135 1 - IV - Ai	max. 100 mm 4.0"
Melt / Drip		no melt, no drip
Thermal shrinkage (%)	500°F/5 min.	max. 10%
Heat resistance		no melt, separation, dripping or ignition
Clo Value	ISO 11092	Insulation factor
Electric Arc Resistance (cal/cm <sup>2</sup> )	ASTM F1959	with Genesis® 625 outershell
Thermal Protective Performance (cal/cm <sup>2</sup> )		with Genesis® 625
Thermal Protective Performance (cal/cm <sup>2</sup> )		with Vapro® 525
Cleaning shrinkage (%) 5 cycles	AATCC 135 1 - IV - Ai	max. 5%
Tear resistance Trap (N)	Can/CGSB 4.2 No. 12.2	

Thermatex® 6B Vapro®	
12.0 oz/yd <sup>2</sup> 407 g/m <sup>2</sup>	
100% Nomex® IIIA	
90% reprocessed Virgin Aramid fibers / 10% FR viscose Coating: 100% FR Polyurethane	
Insulation liner for Parkas, coveralls	
Performance	
Warp	Fill
50 mm 2.0"	50 mm 2.0"
complies	
Warp	Fill
50 mm 2.0"	50 mm 2.0"
complies	
< 3%	< 3%
complies	
1.7	
N/D	
37	
N/A	
< 4%	< 4%
135 N 30 lbf	110 N 25 lbf



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