

Genesis® Fleece by DIFCO



100% Nomex® IIIA



Revolutionary Combination of Comfort and Flame Resistance (FR) Capabilities

GENESIS® FLEECE 145

Genesis® Fleece by Difco offers the ultimate protection from Electric Arc Flash and Flash Fire as well as the elements, like sub-zero winter conditions. Genesis® Fleece offers the complete package, not just protection, but comfort with a smart professional look.

Genesis® Fleece also enhances the flexibility and utility of any clothing program by its ability to be worn as stand-alone apparel, or in a layered ensemble, as either an inner or outer layer. Corporate Image objectives are easier to meet with Genesis® Fleece's versatility, color selection and clear upgraded professional look.

Difco Genesis® Fleece, made from DuPont Nomex® IIIA fiber, can be counted on for durability in the field, while delivering years of protection and professional appearance after the initial purchase.

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

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TECHNICAL SPECIFICATIONS

NOMEX is a registered trademark of E.I. DuPont de Nemours and Company. DuPont Canada Inc. is a licensee. GENESIS is a trademark of TenCate Performance Fabrics.

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Rev: 190310

			Genesis® Fleece 145	
Weight			8.0 oz/yd ² 271 g/m ²	
Content			100% Nomex® IIIA	
Construction			Jogging Fleece	
Finish			WikQik®	
Colors				
Tests	Method & Specifications		Performance	
Flame Resistance initial				
Afterflame (sec)	ASTM D6413	max. 2 sec	Wales	Courses
Char length (mm)		max. 100 mm 4.0"	< 2	< 2
Observations		shall not melt or drip	50 mm 2.0"	45 mm 1.8"
Flame Resistance after 100 launderings				
Afterflame (sec)	ASTM D6413	max. 2 sec	complies	
Char length (mm)		max. 100 mm 4.0"	Wales	Courses
Observations		shall not melt or drip	< 2	< 2
Electric Arc Resistance	ASTM F1959	no minimum cal/cm ²	30 mm 1.2"	30 mm 1.2"
Thermal Protective Performance	TPP (spacer)	min. 6 cal/cm ²	complies	
	TPP contact for combined Fleece & Vapro® 625		ATPV: 22.8 (HRC 2) HAF 87%	
Thermal shrinkage resistance (%)	500°F (260°C) 5 min.	max. 10%	23	
Heat resistance		shall not melt, separate, or ignite	37	
Dimensional Stability 5 cycles	AATCC 135 1 - IV - Aiii	max. 5%	< 3%	< 3%
Burst Strength	ASTM D3787	min. 225 N 50 lbf	complies	
			< 5%	
			N/D	

Component Certified by UL for:	NFPA 1971 2007 ed.	No
	CAN/CGSB 155.1 2001 Ed.	No
	NFPA 1977 2005 Ed. - Wildland	No
	NFPA 1951 2007 Ed. - Tech. Rescue	No



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