

Laboratory Accreditation Bureau

Certificate of Accreditation

ISO/IEC 17025:2005

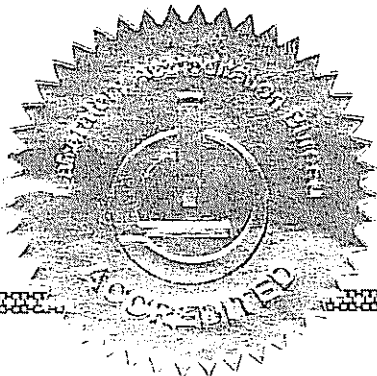
Certificate Number L2121-1

**Tencate Protective Fabrics
Southern Mills, Inc
6501 Mall Blvd
Union City, GA 30291**

has been accredited for technical competence in the major fields and related disciplines on the approved scope of accreditation. They have met the requirements set forth in L-A-B's policies and procedures, and all requirements of ISO/IEC 17025:2005 "General Requirements for the competence of Testing and Calibration Laboratories."

Accreditation effective July 7, 2008 and valid through July 7, 2011

R. Douglas Leonard, Jr., Managing Director
Laboratory Accreditation Bureau





**Scope of Accreditation
For
Tencate Protective Fabrics
Southern Mills, Inc**

6501 Mall Blvd
Union City, GA 30291
Chris Morrison
770-306-4247

In recognition of a successful assessment to ISO/IEC 17025:2005, accreditation is granted to **Tencate Protective Fabrics, Southern Mills, Inc** to perform the following Tests:

Accreditation granted through: **July 7, 2011**

Testing

Technology	Range, when necessary	Methods Used	Product Types	Remarks
Breaking Strength		NFPA 1971 Section 8.50 NFPA 1951 Section 8.8 ASTM D5034	Woven, Non-woven Fabric, yarn	
Home & Industrial Washers & Dryers		NFPA 1971 Section 8.25 NFPA 1977 Section 8.7 NFPA 1951 Section 8.10 NFPA 2112 Section 8.1.3 NFPA 1975 Section 8.3 ASTM F 1506 Section 7.7.5 AATCC 135	Woven, Non-woven and laminated products	
Vertical Flammability		NFPA 1971 Section 8.2 NFPA 1975 Section 8.3 NFPA 2112 Section 8.3 ASTM F 1506 Section 7.7.6 NFPA 1951 Section 8.4 FTMS 191A-5903 ASTM D 6413	Woven, Non-woven and laminated products	
Thermal Protective Performance		NFPA 1971 Section 8.10 NFPA 2112 Section 8.2	Woven, Non-woven and laminated products	



Technology	Range, when necessary	Methods Used	Product Types	Remarks
Water Absorption		NFPA 1971 Section 8.26 FTMS 191A, Method 5504 AATCC 42	Woven products	
Water Spray		NFPA 1951 Section 6-26 AATCC 22	Woven products	
Colorfastness to Laundering		ASTMF 1506 Section 7.7.4.1 AATCC Method 61, IIA	Woven products	
Colorfastness to Xenon Light		CGSB 155.1 Section 5.1.6.1 CAN/CGSB-4.2 No.18.3 105B02	Woven products	
CGSB Flame		CGSB 155.1 Section 6.2.2 CAN/CGSB-4.2 NO.27.10	Woven and Non-woven products	
Water Penetration Resistance		NFPA 1971 Section 8.27 FTMS 191A, Method 5512	Laminated products	
Chemical Penetration		NFPA 1971 Section 8.28 NFPA 1951 Section 8.17 ASTM F 903	Laminated Products	
Thermal Stability Test One		NFPA 1975 Section 8.3 ASTM D 751	Woven fabrics	
Elmendorf Tear		ASTMF 1506 Section 7.7.2 NFPA 1977 Section 8.6 ASTM D 1424	Woven products	
Total Heat Loss		NFPA 1971 Section 8.34 NFPA 1977 Section 8.5 NFPA 1951 Section 8.6 ASTM F 1868	Woven, Non-woven and laminated products	
Radiant Protective Performance		NFPA 1977 Section 8.2 NFPA 1951 Section 8.2 ASTM F 1939	Woven products	
Seam Slippage		ASTM F1506 Section 5.1.6.1 ASTM D 434-95	Woven products	
Trapezoid Tear		NFPA 1971 Section 8.12 ASTM D 5587 NFPA 1951 Section 8.7 ASTM D 5733 CGSB 155.1 Section 5.1.6.1\ CAN/CGSB-4.2 No.46.ISO 105-A02	Woven, Non-woven and laminated products	
Static Decay		MIL-C-83249B Paragraph 3.8.1 FTMS 191A, Method 5931	Woven products	



Technology	Range, when necessary	Methods Used	Product Types	Remarks
Colorfastness to Crocking		AATCC 8	Woven Products	
Thermal Shrinkage and Heat Resistance		NFPA 1971 Section 8.6 NFPA 1975 Section 8.2 NFPA 1977 Section 8.4 NFPA 2112 Section 8.4 NFPA 1951 Section 8.5	Woven, Non-woven and laminated products	

Notes:

- 1) This laboratory does not offer commercial testing services.
- 2) Standard Atmospheric conditions for testing are 65-75° F and 61.75-68.25% relative humidity and are maintained at all times in the physical lab, wet lab, hood room in order to obtain reproducible test results.

Approved by:  Date: July 23, 2008
R. Douglas Leonard
Chief Technical Officer

Re-Issued: 7/23/08