



ANALYSIS REPORT
SCC Accreditation No.: 40

Date: June 7, 2007
 Report: 2679-001-19310B

Jerico International


IDENTIFICATION:	Sample: Fleece Received: April 18, 2007
STANDARD:	Standard for Electrical Safety In the Workplace Flame Resistant Textile Materials for Wearing Apparel for Use by Electrical Workers Exposed to Momentary Electric Arc and Related Thermal Hazards Table 1: Requirements, Woven Fabrics
TEST:	Flame Resistance of Textiles (Vertical Test) - As received ASTM D 6413-99
TEST CONDITIONS:	Sample conditioned (21°C, 65% R.H.); Gas used : Methane; Flame applied for 12 seconds; Specimens tested as received. Date tested: May 10, 2007

RESULTS:	Individual Data					Avg.	S.D.	% CV	Spec.
Afterflame (s) - Length:	0	0	0	0	0	0	0	0.0	
Afterglow (s) - Length:	0	0	0	0	0	0	0	0.0	
Char length (mm) - Length:	43	43	40	36	30	38	6	14.3	
Presence of melting or dripping? - Length:	No	No	No	No	No				
Afterflame (s) - Width:	0	0	0	0	0	0	0	0.0	
Afterglow (s) - Width:	0	0	0	0	0	0	0	0.0	
Char length (mm) - Width:	43	43	41	36	34	39	4	10.6	
Presence of melting or dripping? - Width:	No	No	No	No	No				

REQUIREMENTS: (for all ranges of fabric weight)
 Char length, max. : 152 mm (6.0 in.); Afterflame, max. : 2 s.
 No melting and dripping of the test material is permitted.

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 2007*

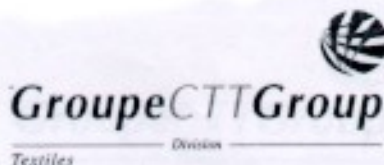
Prepared by: 
 Sylvie Goy, Tech.
 Technician

Approved by: 
 For: Martin Filteau, b. eng.
 First Vice-President

Date: June 7, 2007

****For any information concerning this report, please contact Martin Filteau.****

The reports are identified by an alphanumeric code, the last character refers to the number of revision(s), this is emitted in ascending order. The samples in relation to this test are retained for a period of 30 days following the expedition day of the written report, unless other instructions are received. The fees for all services after the tests are 125.00 \$ per hour and for appraisal in Court, 195.00\$ per hour. The above reported results refer exclusively to the samples submitted for evaluation. This analysis report cannot be partly used or reproduced without CTT Group prior written consent.



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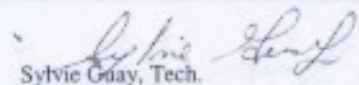
Jerico International


IDENTIFICATION:	Sample: Fleece Received: April 18, 2007	
STANDARD:	Standard for Electrical Safety In the Workplace Flame Resistant Textile Materials for Wearing Apparel for Use by Electrical Workers Exposed to Momentary Electric Arc and Related Thermal Hazards Table 1: Requirements, Woven Fabrics	NFPA 70E-2004 EDITION, TABLE 130.7(C)(8)-APPAREL & ASTM F 1506-02A
TEST:	Determining the Arc Thermal Performance Value of Materials for Clothing	ASTM F 1959/F 1959M-99
TEST CONDITIONS:	Subjective evaluation: (1) Breakopen, (2) Melting, (3) Dripping, (4) Charring, (5) Embrittlement, (6) Shrinkage, (7) Ignition; Test performed by an external laboratory. Test current: 7.98kA Arc gap: 12" Distance to fabric: 12" Incident energy range: 15 to 31 cal/cm ² Number of samples analyzed: 21 Specimens tested after 3 laundering cycles* as per AATCC 135-2001, procedure (3) IV A(iii); *: no drying following the first two launderings; Washing machine model: Kenmore C110.4460081 Drying machine model: Inglis ID82100 Date tested: May 17, 2007	

RESULTS:	Individual Data
Afterflame time max. for single layer test specimens, s:	0
Average arc rating (ATPV), cal/cm ² :	24.8
Heat attenuation factor (HAF), %:	88.8
Subjective evaluation:	(4)

REQUIREMENTS: (for all ranges of fabric weight)
 Afterflame time, max. : 5 s (for single layer arc test specimens)
 Reported Values Arc Rating, cal/cm²: There is no minimum required value for arc rating.

*ATPV = 24.8
 HAF = 88.8%
 Requirements = 4*

Prepared by: 
 Sylvie Guay, Tech. Technician

Approved by: 
 For: Martin Filteau, b. eng. First Vice-President

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Groupe CTT Group

Textiles

Division

ANALYSIS REPORT SCC Accreditation No.: 40

Date: June 7, 2007
Report: 2679-001-19311B

Jerico International

IDENTIFICATION:	Sample: Jersey Received: April 18, 2007	
STANDARD:	Standard for Electrical Safety In the Workplace Flame Resistant Textile Materials for Wearing Apparel for Use by Electrical Workers Exposed to Momentary Electric Arc and Related Thermal Hazards Table 1: Requirements, Woven Fabrics	NFPA 70E-2004 EDITION, TABLE 130.7(C)(8)-APPAREL & ASTM F 1506-02A
TEST:	Flame Resistance of Textiles (Vertical Test) - As received	ASTM D 6413-99
TEST CONDITIONS:	Sample conditioned (21°C, 65% R.H.); Gas used : Methane; Flame applied for 12 seconds; Specimens tested as received. Date tested: May 10, 2007	

RESULTS:	Individual Data					Avg.	S.D.	% CV	Spec.
Afterflame (s) - Length:	0	0	0	0	0	0	0	0.0	
Afterglow (s) - Length:	0	0	0	0	0	0	0	0.0	
Char length (mm) - Length:	71	99	73	73	80	79	12	14.6	
Presence of melting or dripping? - Length:	No	No	No	No	No				
Afterflame (s) - Width:	0	0	0	0	0	0	0	0.0	
Afterglow (s) - Width:	0	0	0	0	0	0	0	0.0	
Char length (mm) - Width:	60	48	52	68	33	52	13	25.3	
Presence of melting or dripping? - Width:	No	No	No	No	No				

REQUIREMENTS: (for all ranges of fabric weight)
Char length, max. : 152 mm (6.0 in.); Afterflame, max. : 2 s.
No melting and dripping of the test material is permitted.

Prepared by:

Sylvie Guay, Tech.
Technician

Approved by:

For: Martin Fiteau, b. eng.
First Vice-President

Date: June 7, 2007

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TEST CONDITIONS:	Subjective evaluation: (1) Breakopen, (2) Melting, (3) Dripping, (4) Charring, (5) Embrittlement, (6) Shrinkage, (7) Ignition; Test performed by an external laboratory. Test current: 7.98kA Arc gap: 12" Distance to fabric: 12" Incident energy range: 5 to 8 cal/cm ² Number of samples analyzed: 21 Specimens tested after 3 laundering cycles* as per AATCC 135-2001, procedure (3) IV A(iii); * : no drying following the first two launderings ; Washing machine model: Kenmore C110.4460081 Drying machine model: Inglis ID82100 Date tested: May 17, 2007	

RESULTS:	Individual Data	
Afterflame time max. for single layer test specimens, s:	0	
Average arc rating (ATPV), cal/cm ² :	6.3	
Heat attenuation factor (HAF), %:	61.0	
Subjective evaluation:	(1), (4)	

REQUIREMENTS: (for all ranges of fabric weight)
 Afterflame time, max. : 5 s (for single layer arc test specimens)
 Reported Values Arc Rating, cal/cm²: There is no minimum required value for arc rating.

Prepared by:

Sylvie Gouy
 Sylvie Gouy, Tech.
 Technician

Approved by:

Martin Filteau
 For: Martin Filteau, b. eng.
 First Vice-President

Date: June 7, 2007

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