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**CAN/ULC-S109 Flame Resistance  
of "Newlife Screen"**

A Report To: **Silent Gliss Canada**  
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Attention: Jim Lamprell  
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Submitted By: Exova Warringtonfire North America

Report No. 16-002-504  
3 pages + appendix

Date: September 7, 2016

**ACCREDITATION** To ISO/IEC 17025 for a defined Scope of Testing by the International Accreditation Service

### **SPECIFICATIONS OF ORDER**

Determine flame resistance in accordance with the CAN/ULC-S109-14 Small and Large Flame Tests, as per Silent Gliss Canada reference Purchase Order No. 1 and Exova Warringtonfire North America Quotation No. 16-002-421408RV1 dated May 9, 2016.

### **IDENTIFICATION**

Material described as: "100% recycled polyester" and identified as: "Newlife Screen".

(Exova sample identification number 16-002-S0504)

### **TEST RESULTS**

#### **CAN/ULC-S109-14 Small-Flame Test**

Standard Methods of Tests for Flame-Resistant Textiles and Films

Tested "as-received"

Fabric was supplied pre-cut and no directions were indicated

Fabric Weight: 245 g/m<sup>2</sup>

	Damaged Length (mm)	Afterflame Time (s)	Flaming Dripping (s)	
1:	115	0.0	0.0	
2:	121	0.0	0.0	
3:	118	0.0	0.0	
4:	128	0.0	0.0	
5:	118	0.0	0.0	
6:	117	0.0	0.0	
7:	99	0.0	0.0	
8:	104	0.0	0.0	
9:	111	0.0	0.0	
10:	<u>117</u>	0.0	0.0	
Average:	115	-	-	
Maxima Specified by ULC-S109 Small Flame Test:	165	-	-	(average)
	190	-	2.0	(individual)

**TEST RESULTS (continued)****CAN/ULC-S109-14 Large Flame Test**Standard Methods of Tests for Flame-Resistant Textiles and Films

Tested "as-received" and in single sheet configuration.

	Damaged Length (mm)	Afterflame Time (s)	Flaming Dripping (s)	
1:	52	0.0	0.0	
2:	77	0.0	0.0	
3:	52	0.0	0.0	
4:	77	0.0	0.0	
5:	52	0.0	0.0	
6:	52	0.0	0.0	
7:	82	0.0	0.0	
8:	77	0.0	0.0	
9:	82	0.0	0.0	
10:	<u>42</u>	0.0	0.0	
Average:	65	-	-	
Maxima Specified by ULC-S109 Large Flame Test:	- 250	- -	- 2.0	(average) (individual)
	(Above tip of test flame)			

**CONCLUSIONS**

When tested "as-received", the material identified in this report meets the flame resistance requirements of CAN/ULC-S109-14.

**Note: This is an uncontrolled electronic copy of the report. Signatures are on file with the original.**

Serap Carpino,  
Technologist

Ian Smith,  
Technical Manager

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