



**Tested For:** Lone Henriksen  
 Kvadrat A/S  
 Lundbergsvej 10 DK-8400 Ebeltoft

**Phone:** 011 45 89 53 18 60  
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**Received:** 8/9/2021  
**Completed:** 8/12/2021  
**Code:** V  
**Test Report:** 3-44746-0

Denmark

**Key Test:** CAN/ULC-S109-14 Small Flame Test

226

**RESULTS:**

Direction	Specimen #	Surface Flaming** (seconds)	Flaming Drip (seconds)	Damaged Length (mm)
Length:	1	0	0	145
	2	0	0	129
	3	0	0	169
	4	0	0	125
	5	0	0	148
	Average:			
Width:	6	0	0	150
	7	0	0	115
	8	0	0	142
	9	0	0	145
	10	0	0	125
	Average:			

REMARKS: None.

**ACCEPTANCE CRITERIA:**

	Surface Flaming (seconds)	Flaming Drip (seconds)	Damaged Length
Maximum Average:	**	Not specified	165 mm (6.5")
Maximum Individual Specimen:	**	2.0	190 mm (7.5")

(\*\* Surface Flaming values are required to be reported after removal of the 12 seconds igniting flame; however, these values are not required to be factored into determination of acceptance.)

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**Received:** 8/9/2021  
**Completed:** 8/12/2021  
**Code:** V  
**Test Report:** 3-44746-0

**Key Test:** CAN/ULC-S109-14 Small Flame Test

226

CONCLUSION: Based on the above Results and Acceptance Criteria, the item tested:

Complies;  Does not comply

CERTIFICATION: I certify that the above results were obtained after testing specimens in accordance with the procedures and equipment specified above.

AUTHORIZED SIGNATURE  
SGS NORTH AMERICA  
/jab /al

AUG 26 2021

*Bobby Brown*

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**Received:** 8/9/2021  
**Completed:** 8/16/2021  
**Code:** V1  
**Test Report:** 3-44746-1

**Key Test:** CAN/ULC S109-14 Large Flame Test Folded Specimen

457

**Client's Identification:**

Style: Trace. Content: 100% Polyester FR. Width: 120 inches. Finish: None. Weight Range: 49-330 g/m<sup>2</sup>. Weight: 49 g/m<sup>2</sup>- 4.84 oz/ly. End Use: Curtain.

Test Category: CAN/UL Large Folds LE: 2014; V 7/21 DK Specifier: CAN/UL /rb /dv  
 TEST PERFORMED: CAN/ULC-S109-14 \* - Standard for Flame Tests of Flame-Resistant Fabrics & Films, Large Flame Test, Folded Specimens

(\* Note: This document was prepared and published by Underwriters' Laboratories of Canada and is approved as a National Standard of Canada.)

**PRECONDITIONING:**

- Standard method: 0.5 hour @ 105 ± 2°C
- Alternate method for materials that are affected by heating to 105°C:
  - Desiccator method: 12 hours minimum @ 20 ± 2°C and 50 ± 5% RH
  - Alternate oven method: 1 hour @ 60 ± 2°C

APPROXIMATE AREA DENSITY OF MATERIAL (as measured by SGS North America): 46 g/m<sup>2</sup>

**CONVERSION FACTORS:**

mm ÷ 25.4 = inches  
 g/m<sup>2</sup> ÷ 28.35 x 0.0835 = oz/yd<sup>2</sup>

**RESULTS ARE REPORTED:**

- Initially [code 457]
- After 10 dry cleanings [code 688]
- After 10 launderings [code 630]
- After 72 hours water leaching [code 630]
- After scrubbing [code 861]
- After 360 hours accelerated weathering [code 6925]

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**Received:** 8/9/2021  
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**Code:** V1  
**Test Report:** 3-44746-1

Denmark

**Key Test:** CAN/ULC S109-14 Large Flame Test Folded Specimen

457

**RESULTS:**

Direction	Specimen #	Surface Flaming** (seconds)	Flaming Drip (seconds)	Char Length (mm)
Length:	1	0	0	98
	2	0	0	133
Width:	3	0	0	144
	4	0	0	103

REMARKS: None.

ACCEPTANCE CRITERIA: For each individual specimen --

Surface Flaming (seconds)	Flaming Drip (seconds)	Damaged Length
**	2	635 mm

(\*\* Surface Flaming values are required to be reported after removal of the 120 seconds igniting flame; however, these values are not required to be factored into determination of acceptance.)

CONCLUSION: Based on the above Results and Acceptance criteria, the item tested:

Complies;  Does not comply

CERTIFICATION: I certify that the above results were obtained after testing specimens in accordance with the procedures and equipment specified above.

AUTHORIZED SIGNATURE  
 SGS NORTH AMERICA  
 /jab

AUG 26 2021  
*Bobby Brown*

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**Received:** 8/9/2021  
**Completed:** 8/12/2021  
**Code:** W  
**Test Report:** 3-44747-0

**Key Test:** CAN/ULC-S109-14 Small Flame Test

226

**RESULTS:**

Direction	Specimen #	Surface Flaming** (seconds)	Flaming Drip (seconds)	Damaged Length (mm)
Length:	1	0	0	105
	2	0	0	120
	3	0	0	130
	4	0	0	120
	5	0	0	140
	Average:			
Width:	6	0	0	100
	7	0	0	115
	8	0	0	135
	9	0	0	100
	10	0	0	110
	Average:			

REMARKS: None.

**ACCEPTANCE CRITERIA:**

	Surface Flaming (seconds)	Flaming Drip (seconds)	Damaged Length
Maximum Average:	**	Not specified	165 mm (6.5")
Maximum Individual Specimen:	**	2.0	190 mm (7.5")

(\*\* Surface Flaming values are required to be reported after removal of the 12 seconds igniting flame; however, these values are not required to be factored into determination of acceptance.)

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**Key Test:** CAN/ULC-S109-14 Small Flame Test

226

CONCLUSION: Based on the above Results and Acceptance Criteria, the item tested:

Complies;  Does not comply

CERTIFICATION: I certify that the above results were obtained after testing specimens in accordance with the procedures and equipment specified above.

AUG 26 2021

AUTHORIZED SIGNATURE  
 SGS NORTH AMERICA  
 /jab

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**Received:** 8/9/2021  
**Completed:** 8/16/2021  
**Code:** W1  
**Test Report:** 3-44747-1

**Key Test:** CAN/ULC S109-14 Large Flame Test Folded Specimen

457

**Client's Identification:**

Style: Tints. Content: 100% Polyester FR. Width: 130 inches. Finish: None. Weight Range: 49-330 g/m<sup>2</sup>. Weight: 230 g/m<sup>2</sup>- 24.5 oz/ly. End Use: Curtain.

Test Category: CAN/UL Large Folds LE: 2014; V 7/21 DK Specifier: CAN/UL /rb /dv  
 TEST PERFORMED: CAN/ULC-S109-14 \* - Standard for Flame Tests of Flame-Resistant Fabrics & Films, Large Flame Test, Folded Specimens

(\* Note: This document was prepared and published by Underwriters' Laboratories of Canada and is approved as a National Standard of Canada.)

**PRECONDITIONING:**

- Standard method: 0.5 hour @ 105 ± 2°C
- Alternate method for materials that are affected by heating to 105°C:
  - Desiccator method: 12 hours minimum @ 20 ± 2°C and 50 ± 5% RH
  - Alternate oven method: 1 hour @ 60 ± 2°C

APPROXIMATE AREA DENSITY OF MATERIAL (as measured by SGS North America): 228 g/m<sup>2</sup>

**CONVERSION FACTORS:**

mm ÷ 25.4 = inches  
 g/m<sup>2</sup> ÷ 28.35 x 0.0835 = oz/yd<sup>2</sup>

**RESULTS ARE REPORTED:**

- Initially [code 457]
- After 10 dry cleanings [code 688]
- After 10 launderings [code 630]
- After 72 hours water leaching [code 630]
- After scrubbing [code 861]
- After 360 hours accelerated weathering [code 6925]

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**Received:** 8/9/2021  
**Completed:** 8/16/2021  
**Code:** W1  
**Test Report:** 3-44747-1

**Key Test:** CAN/ULC S109-14 Large Flame Test Folded Specimen

457

**RESULTS:**

Direction	Specimen #	Surface Flaming** (seconds)	Flaming Drip (seconds)	Char Length (mm)
Length:	1	0	0	41
	2	0	0	90
Width:	3	0	0	34
	4	0	0	50

REMARKS: None.

ACCEPTANCE CRITERIA: For each individual specimen --

Surface Flaming (seconds)	Flaming Drip (seconds)	Damaged Length
**	2	635 mm

(\*\* Surface Flaming values are required to be reported after removal of the 120 seconds igniting flame; however, these values are not required to be factored into determination of acceptance.)

CONCLUSION: Based on the above Results and Acceptance criteria, the item tested:

Complies;  Does not comply

CERTIFICATION: I certify that the above results were obtained after testing specimens in accordance with the procedures and equipment specified above.

*Bobby Brown*

AUTHORIZED SIGNATURE  
 SGS NORTH AMERICA  
 /jab /al

AUG 26 2021

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**Received:** 8/9/2021  
**Completed:** 8/13/2021  
**Code:** X  
**Test Report:** 3-44748-0

Denmark

**Key Test:** CAN/ULC-S109-14 Small Flame Test

226

**RESULTS:**

Direction	Specimen #	Surface Flaming** (seconds)	Flaming Drip (seconds)	Damaged Length (mm)
Length:	1	0	0	90
	2	0	0	93
	3	0	0	104
	4	0	0	88
	5	0	0	90
	Average:			
Width:	6	0	0	100
	7	0	0	90
	8	0	0	85
	9	0	0	110
	10	0	0	75
	Average:			

REMARKS: None.

**ACCEPTANCE CRITERIA:**

	Surface Flaming (seconds)	Flaming Drip (seconds)	Damaged Length
Maximum Average:	**	Not specified	165 mm (6.5")
Maximum Individual Specimen:	**	2.0	190 mm (7.5")

(\*\* Surface Flaming values are required to be reported after removal of the 12 seconds igniting flame; however, these values are not required to be factored into determination of acceptance.)

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**Received:** 8/9/2021  
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**Code:** X  
**Test Report:** 3-44748-0

**Key Test:** CAN/ULC-S109-14 Small Flame Test

226

CONCLUSION: Based on the above Results and Acceptance Criteria, the item tested:

Complies;  Does not comply

CERTIFICATION: I certify that the above results were obtained after testing specimens in accordance with the procedures and equipment specified above.

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SGS NORTH AMERICA  
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	<b>Lundbergsvej 10 DK-8400 Ebeltoft</b>	<b>Mobile:</b>	<b>Code:</b> X1
		<b>PO#:</b>	<b>Test Report:</b> 3-44748-1
	<b>Denmark</b>	<b>Email:</b> lh@kvadrat.dk	

**Key Test:** CAN/ULC S109-14 Large Flame Test Folded Specimen 457

**Client's Identification:**

Style: Silence. Content: 100% Polyester FR. Width: 118 inches. Finish: None. Weight Range: 49-330 g/m<sup>2</sup>. Weight: 330 g/m<sup>2</sup>-32.25 oz/ly. End Use: Curtain.

Test Category: CAN/UL Large Folds      LE: 2014; V 7/21 DK      Specifier: CAN/UL      /rb /dv  
**TEST PERFORMED:** CAN/ULC-S109-14 \* - Standard for Flame Tests of Flame-Resistant Fabrics & Films, Large Flame Test, Folded Specimens

(\* Note: This document was prepared and published by Underwriters' Laboratories of Canada and is approved as a National Standard of Canada.)

**PRECONDITIONING:**

- Standard method: 0.5 hour @ 105 ± 2°C
- Alternate method for materials that are affected by heating to 105°C:
  - Desiccator method: 12 hours minimum @ 20 ± 2°C and 50 ± 5% RH
  - Alternate oven method: 1 hour @ 60 ± 2°C

APPROXIMATE AREA DENSITY OF MATERIAL (as measured by SGS North America): 337 g/m<sup>2</sup>

**CONVERSION FACTORS:**

mm ÷ 25.4 = inches  
 g/m<sup>2</sup> ÷ 28.35 x 0.0835 = oz/yd<sup>2</sup>

**RESULTS ARE REPORTED:**

- Initially [code 457]
- After 10 dry cleanings [code 688]
- After 10 launderings [code 630]
- After 72 hours water leaching [code 630]
- After scrubbing [code 861]
- After 360 hours accelerated weathering [code 6925]

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**Received:** 8/9/2021  
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**Code:** X1  
**Test Report:** 3-44748-1

Denmark

**Key Test:** CAN/ULC S109-14 Large Flame Test Folded Specimen

457

**RESULTS:**

Direction	Specimen #	Surface Flaming** (seconds)	Flaming Drip (seconds)	Char Length (mm)
Length:	1	0	0	54
	2	0	0	25
Width:	3	0	0	42
	4	0	0	19

REMARKS: None.

ACCEPTANCE CRITERIA: For each individual specimen --

Surface Flaming (seconds)	Flaming Drip (seconds)	Damaged Length
**	2	635 mm

(\*\* Surface Flaming values are required to be reported after removal of the 120 seconds igniting flame; however, these values are not required to be factored into determination of acceptance.)

CONCLUSION: Based on the above Results and Acceptance criteria, the item tested:

Complies;  Does not comply

CERTIFICATION: I certify that the above results were obtained after testing specimens in accordance with the procedures and equipment specified above.

AUTHORIZED SIGNATURE  
 SGS NORTH AMERICA  
 /jab

AUG 26 2021

*Bobby Brown*

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