

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

Denmark**Phone:** 011 45 89 53 18 60
Fax:
Mobile:
PO#:
Email: lh@kvadrat.dk**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

Client's Identification:

Style: Trace. Content: 100% Polyester FR. Width: 120 inches. Finish: None. Weight Range: 49-330 g/m². Weight: 49 g/m²- 4.84 oz/ly. End Use: Curtain.

Test Category: CAN/UL Small 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, Small Flame Test

(* 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/m²**CONVERSION FACTORS:** mm ÷ 25.4 = inches
g/m² ÷ 28.35 x 0.0835 = oz/yd²**RESULTS ARE REPORTED:**

- Initially [code 226]
- After 10 dry cleanings [code 457]
- After 10 launderings [code 399]
- After 72 hours water leaching [code 399]
- After scrubbing [code 630]
- After 360 hours accelerated weathering [code 5518]

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Received: 8/9/2021
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Code: V
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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
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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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Phone: 011 45 89 53 18 60
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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/m². Weight: 49 g/m²- 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/m²

CONVERSION FACTORS:

mm ÷ 25.4 = inches
 g/m² ÷ 28.35 x 0.0835 = oz/yd²

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: 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

Client's Identification:

Style: Tints. Content: 100% Polyester FR. Width: 130 inches. Finish: None. Weight Range: 49-330 g/m². Weight: 230 g/m²- 24.5 oz/ly. End Use: Curtain.

Test Category: CAN/UL Small 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, Small Flame Test

(* 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/m²

CONVERSION FACTORS: mm ÷ 25.4 = inches
 g/m² ÷ 28.35 x 0.0835 = oz/yd²

RESULTS ARE REPORTED:

- Initially [code 226]
- After 10 dry cleanings [code 457]
- After 10 launderings [code 399]
- After 72 hours water leaching [code 399]
- After scrubbing [code 630]
- After 360 hours accelerated weathering [code 5518]

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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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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

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: 8/16/2021
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/m². Weight: 230 g/m²- 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/m²

CONVERSION FACTORS:

mm ÷ 25.4 = inches
 g/m² ÷ 28.35 x 0.0835 = oz/yd²

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
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AUG 26 2021

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

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

226

Client's Identification:

Style: Silence. Content: 100% Polyester FR. Width: 118 inches. Finish: None. Weight Range: 49-330 g/m². Weight: 330 g/m²-32.25 oz/ly. End Use: Curtain.

Test Category: CAN/UL Small 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, Small Flame Test

(* 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/m²

CONVERSION FACTORS: mm ÷ 25.4 = inches
g/m² ÷ 28.35 x 0.0835 = oz/yd²

RESULTS ARE REPORTED:

- Initially [code 226]
- After 10 dry cleanings [code 457]
- After 10 launderings [code 399]
- After 72 hours water leaching [code 399]
- After scrubbing [code 630]
- After 360 hours accelerated weathering [code 5518]

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

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

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

Denmark

Phone: 011 45 89 53 18 60
Fax:
Mobile:
PO#:
Email: lh@kvadrat.dk

Received: 8/9/2021
Completed: 8/13/2021
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.

AUTHORIZED SIGNATURE
SGS NORTH AMERICA
/jab /al

AUG 26 2021

Bobby Brown

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Tested For: Lone Henriksen
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 Denmark

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Received: 8/9/2021
Completed: 8/13/2021
Code: X1
Test Report: 3-44748-1

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/m². Weight: 330 g/m²-32.25 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/m²

CONVERSION FACTORS:

mm ÷ 25.4 = inches
 g/m² ÷ 28.35 x 0.0835 = oz/yd²

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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Tested For: Lone Henriksen
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Received: 8/9/2021
Completed: 8/13/2021
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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