



Tested For:	Robert Kulpers Kvadrat High Performance Textiles B.V. Kieftse 18, 7151 HZ Eibergen Netherlands	Phone: +31 545 463 353 Fax: Mobile: PO#: KHPT18082025 Email: r.kuipers@kvadratshade.com	Received: 8/21/2025 Completed: 8/25/2025 Code: M Test Report: 3-60296-0
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Key Test: NFPA 701-2019 TM#1 245

Client's Identification:

Lot No.: B47414. Date of Mfg.: 28-07-2025. Style: Ferrite / KHPT fabric 861. Finish: Aluminum metallization. Composition: Flame Retardant Polyester. Weight: 270 g/m². Density: 675 kg/m³. Color: 000. Thickness: 0.40 mm. Product End Use: Roller Blind.

LE:2023; V:08/24 BG PC: 220±5°F for 30 min

TEST PERFORMED: NFPA 701 - Standard Methods of Fire Tests for Flame Propagation of Textiles and Films - 2023 Edition - Test Method #1

PRODUCT CONFIGURATION: Single Layer; Multi-Layer

RESULTS REPORTED: Initially; After 3 dry cleanings; After 5 launderings @ 160°F

RESULTS:

Specimen #	Afterflame* (seconds)	Flaming Drip/Debris (seconds)	Weight Loss (percent)
1	0	0	7.9
2	0	0	23.4
3	0	0	26.3
4	0	0	24.7
5	0	0	21.1
6	0	0	19.7
7	0	0	18.4
8	0	0	3.9
9	0	0	10.4
10	0	0	2.7
Mean:		0	15.8

STATISTICAL VALUES: SD = 8.8 3 SD = 26.8 Mean + 3 SD = 42.3

ABBREVIATIONS USED: SD = Standard deviation. NT = Not tested.

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	Kieftte 18, 7151 HZ	Mobile:		Code:	M
	Eibergen	PO#:	KHPT18082025	Test Report:	3-60296-0
	Netherlands	Email:	r.kuipers@kvadratshade.com		

Key Test: **NFPA 701-2019 TM#1** 245

APPROXIMATE WEIGHT OF MATERIAL (as measured by SGS North America): 247.5 g/m²

PRECONDITIONING: 0.5 hr @ 220°F (Standard)
 24 hrs @ 68±9°F (Alternate: Material shrinks/distorts @ 220°F)

CONVERSION FACTOR: g/m² ± 28.35 x .835 = oz/yd²

NOTE: All specimens prepared in the length direction.

REMARKS:

- Flames did not project above the top of the specimen.
- Flames projected above the top of the specimen; Specimen #'s _____
- Other: _____

FAILURE CRITERIA: As cited by NFPA 701 - 2019 Edition Test Method #1:

Afterflame	Flaming Drip/Debris (Mean)	Weight Loss (percent)	
		Mean	Individual Specimen
*	Exceeds 2 seconds	Exceeds 40%	Exceeds Mean + 3 SD

* Afterflame is required to be recorded; however, the NFPA document does not factor it into the Failure Criteria reporting requirements. It should be noted that excessive afterflames could be cause for rejection by local fire authorities performing "match" field tests.

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Key Test: NFPA 701-2019 TM#1

245

CONCLUSION: Based on the Results on page 1 and the above Failure Criteria cited by NFPA 701 - 2019 Edition Test Method #1, the item tested:

- Passes
- Fails
- Requires testing of 10 additional specimens i.e. only one individual specimen failure was noted

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

DocuSigned by:

Jillian Guillem

8/29/2025

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AUTHORIZED SIGNATURE
SGS NORTH AMERICA
/jb/sj

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