
**California Administrative Code
Title 19 Fire Resistance Testing of
"OS-PROTECT-FR101-FABRIC"**

A Report To: **On-Site Services US, Inc.**
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Attention: Brad Davies
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Submitted by: Element Fire Testing

Report No. 23-002-041(D)(Revision 1)
3 pages

Date: April 26, 2023

1.0 ACCREDITATION

ISO/IEC 17025 for a defined Scope of Testing by the American Association for Laboratory Accreditation (A2LA), Certificate Number: 6524.03.

2.0 SPECIFICATIONS OF ORDER

Determine fire resistance in accordance with California Administrative Code Title 19, Paragraph 1237.1 (Small Scale test method), as per On-Site Services US, Inc. reference Purchase Order No. 1001 and Element Quotation No. 23-002-419087 dated January 25, 2023.

2.1 History of Report Revision

This report supersedes Element Test Report No. 23-002-041(D), originally issued on February 21, 2023. It is revised by request to change the sample identification.

3.0 SAMPLE IDENTIFICATION (Element sample identification number 23-002-S0041-1)

Material described as, "Woven Cotton Poly Blended Fabric", and identified as: "OS-PROTECT-FR101-FABRIC"

4.0 SUMMARY OF TEST PROCEDURE

Six specimens are cut, each 3 x 12.5 inches, with three in the warp direction and three in the weft direction, where applicable. The specimens are conditioned for 1 to 1.5 hours at 140 to 145°F, or if they melt or distort at these temperatures, 60 to 80°F at 25 to 50% relative humidity for 24 hours.

Each specimen is removed from the conditioning chamber individually, clamped in a U-shaped metal holder and suspended in a specified cabinet. The free edge of the specimen is positioned 0.75 inches (19 mm) above the tip of a methane-fueled burner, which has been adjusted to yield a flame height of 1.5 inches (38 mm). Flame exposure time is 12 seconds. Char length and afterflame time are measured.

5.0 SAMPLE PREPARATION

The sample was supplied in batch form, from which appropriate test specimens were sectioned (by Element). Specimens were tested as-received. Material weight was measured at approximately 172 g/m².

6.0 TEST RESULTS

California Administrative Code Title 19

(Paragraph 1237.1) - Bunsen Burner Test - Small Scale 12 s Flame Exposure Time

Sample: "OS-PROTECT-FR101-FABRIC"

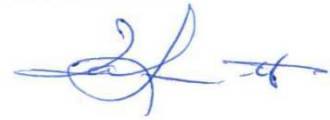
Specimen	Char Length (in)	Afterflame Time (s)	Result
Long Direction 1:	3.1	0.0	-
Long Direction 2:	4.0	0.0	-
Long Direction 3:	2.4	0.0	-
Cross Direction 4:	2.9	0.0	-
Cross Direction 5:	2.7	0.0	-
Cross Direction 6:	3.1	0.0	-
Average:	3.0	0.0	-
Specified Maximum Average:	6.0	2.0	Pass

7.0 CONCLUSIONS

When tested "as-received", the material identified in this report would meet the requirements of California Administrative Code Title 19, paragraph 1237.1.



Robert A. Carleton,
Technician.



Ian Smith,
Technical Manager.

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