

NPS PUBLIC FURNITURE CORP TEST REPORT

SCOPE OF WORK

CAL TB 117-13 testing on Foam-HF and 96F Fabric Covers

REPORT NUMBER

106340018GRR-001j

ISSUE DATE

17-November-2025

PAGES

8

DOCUMENT CONTROL NUMBER

RT-GRR-001 (24-October-2022)

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TEST REPORT FOR NPS PUBLIC FURNITURE CORP

Report No.: 106340018GRR-001j

Date: 17-November-2025

P.O.: NA

SECTION 1

CLIENT INFORMATION

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SECTION 2

SUMMARY

Date Received:

22-October-2025

Dates Tested:

06-November-2025 to 12-November-2025

DESCRIPTION OF SAMPLES

Part Description:

Foam-HF and 96F Fabric Covers

Product Category:

Flex-Back Banquet Chair

Material Submitted:

Six (6) Precut Sections Per Material

Material Specification:

CAL TB 117-13

Condition of Samples:

Prototype

WORK REQUESTED/APPLICABLE DOCUMENTS

CAL TB 117-13

Intertek quote Qu-01575091

SECTION 3**CONCLUSION**

TEST	RESULTS
Section 1: Cover Fabric	Conforming
Section 3: Filling Material	Conforming

SAMPLE DISPOSITION

After testing completed, samples were rendered unusable and then disposed of.

SECTION 4**SECTION 1: COVER FABRIC:**

Date Received: 22-October-2025
Date Tested: 12-November-2025
Location Tested: Intertek Kentwood, MI

DESCRIPTION OF SAMPLES:

Part Description: 96F Fabric Covers
Material Submitted: Six (6) Precut Sections Per Material
Material Specification: CAL TB 117-13
Condition of Samples: Prototype

TEST PROCEDURE:

Test Method: Per CAL TB 117-13 section 1
Conditioning: 24 hours minimum at 21±3°C and less than 55% R.H.
Conditioning Note: Samples were tested within 10 minutes after removal from conditioning
Burn Room Conditions: 26°C and 26% R.H.
Number of Samples: Three (3) Per Material

ACCEPTANCE CRITERIA:

Per CAL TB 117-13

Duration: Smolder ceases at ≤ 45 minutes
Vertical Char: ≤ 45mm (1.8 inches)
Open Flaming: No transition to open flaming

RESULTS:**Table 1: Section 1: Cover Fabric 96F Fabric Cover Results Table**

SPECIMEN	DURATION (min:sec)	VERTICAL CHAR (mm)	OPEN FLAMING	DISPOSITION
1	26:44	15	No	Conforming
2	29:12	19	No	Conforming
3	27:12	17	No	Conforming

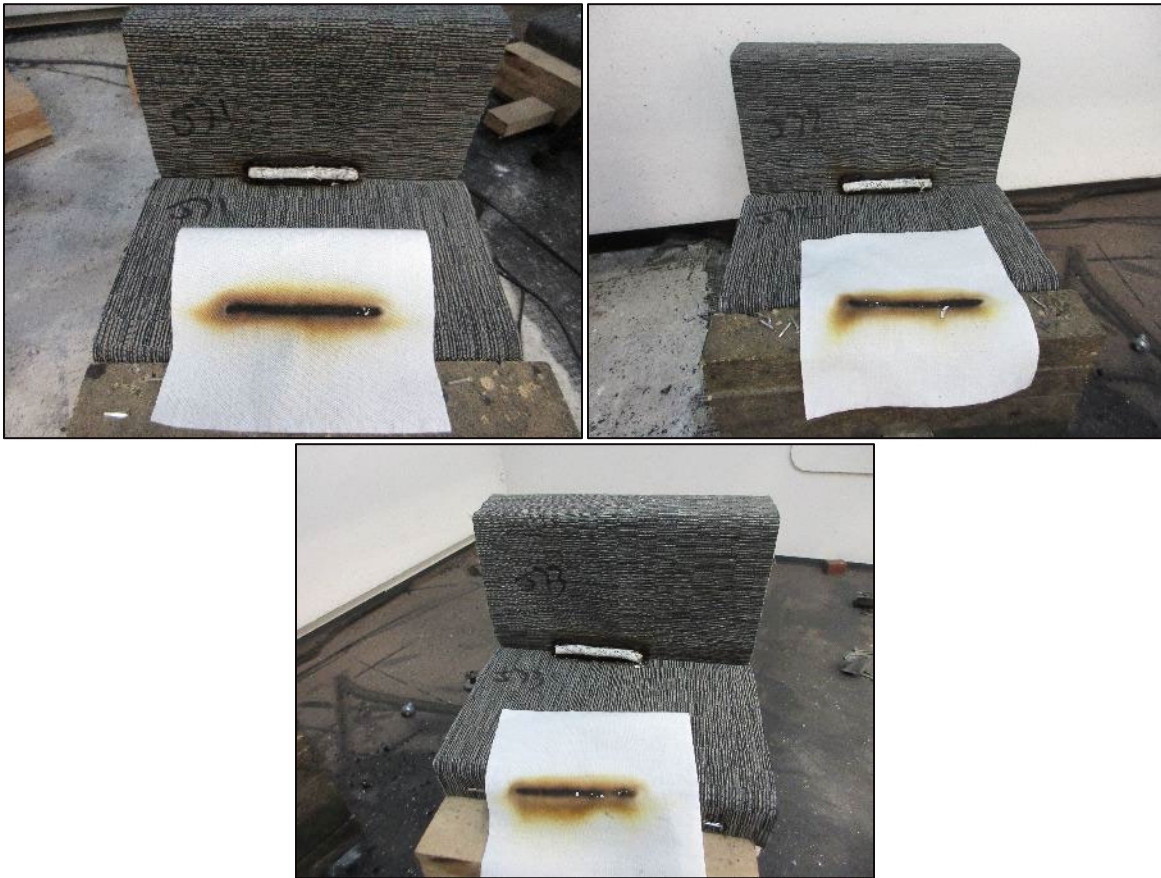


Figure 1: Section 1: Cover Fabric 96F Vinyl Cover Specimens Post Testing

TEST EQUIPMENT:

ASSET NUMBER	EQUIPMENT	CALIBRATION DATE	CALIBRATION DUE
114229	TEMPERATURE AND HUMIDITY RECORDER	9/24/2025	9/24/2026
114258	TEMP/RH/PRESSURE RECORDER	5/6/2025	5/6/2026
117169	FLAMMABILITY TEST CABINET	VBU	VBU
117500.58	DIGITAL STOPWATCH	4/21/2025	4/21/2026
114251	24" RULER	ICO	ICO

SECTION 5**SECTION 3: FILLING MATERIAL:**

Date Received: 22-October-2025
Date Tested: 06-November-2025
Location Tested: Intertek Kentwood, MI

DESCRIPTION OF SAMPLES:

Part Description: Foam-HF
Material Submitted: Six (6) Precut Sections Per Material
Material Specification: CAL TB 117-13
Condition of Samples: Prototype

TEST PROCEDURE:

Test Method: Per CAL TB 117-13 section 3
Conditioning: 24 hours minimum at 21±3°C and less than 55% R.H.
Conditioning Note: Samples were tested within 10 minutes after removal from conditioning
Burn Room Conditions: 24°C and 26% R.H.
Number of Samples: Three (3) Per Material

ACCEPTANCE CRITERIA:

Per CAL TB 117-13

Duration: Smolder ceases at ≤ 45 minutes
Vertical Char: ≤ 38mm (1.5 inches)
Open Flaming: No transition to open flaming

RESULTS:

Table 2: Section 3: Filling Material Foam-HF Results Table*

SPECIMEN	DURATION (min:sec)	VERTICAL CHAR (mm)	OPEN FLAMING	DISPOSITION
1	32:20	14	No	Conforming
2	27:24	18	No	Conforming
3	31:23	17	No	Conforming

*Data reprinted from report 106340018GRR-001h



Figure 2: Section 3: Filling Material Foam-HF Specimens Post Testing

Reprinted from report 106340018GRR-001h

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