

**3919 Silicone Element was tested and met the following flammability requirements:**

BS 5852 Crib 5

CA TB 117-2013

IMO FTPC 8.3.1 and 8.3.2

## ISO/IEC 17025 Third Party Test Report

DATE: March 13, 2023

FILE: DESTEX.A030723B

CLIENT: Designtex  
357 County Ave.  
Secaucus, NJ 07094

ATTN: Teesha Prezeau

### SAMPLE IDENTIFIED BY CLIENT AS:

Fabric Submitted

Name: Silicone Element, Style #: 3919

Ref: 55" Weight: 38.5 oz/Lyd

Finish: None, Backing: Polyester Knit

100% Silicone

Color Red

### TEST PROCEDURE:

### TEST RESULTS:

#### CALIFORNIA TECHNICAL BULLETIN 117-2013

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	CHAR LENGTH *****	OPEN FLAME *****	SMOULDER TIME OVER 45 MINUTES *****
SPECIMEN 1:	SE	N	N
SPECIMEN 2:	SE	N	N
SPECIMEN 3:	SE	N	N

**SE: SELF-EXTINGUISHED**

**TEST RESULT: PASS**

A material is considered to pass or fail based on the following criteria:

1. A single mock-up test specimen fails to meet the requirements of this test procedure if any of the following criteria occurs:
  - a) The mock-up test specimen continues to smolder after the 45-minute test duration.
  - b) A char develops more than 1.8 inches (45 mm) in any direction from the cigarette on the cover fabric measured from its nearest point.
  - c) The mock-up test specimen transitions to open flaming.
2. The cover fabric passes the test if three initial mock-up specimens pass the test, i.e., the cigarettes burn their full length and the mock-up are no longer smoldering.
3. If more than one initial specimens fails, the cover fabric fails the test.
4. If any one of the three initial specimen fails, repeat the test on an additional three specimens.
5. If all three additional specimens pass the test, the cover fabric passes the test. If any one of the three additional specimens fails, the cover fabric fails the test.

Signed For The Company By

Joseph Lin  
Laboratory Manager

CS/03



Stacy Sadowy  
Quality Assurance Manager





Date of Issue: 5/14/2024  
Report Number: 24-001177  
Revision Number: 1  
Date Order Received: 05/08/2024

Sponsor: Designtex  
357 County Ave  
Secaucus, NJ 07094

Sponsor's Identification: 100% Silicone

## CERTIFICATE OF TESTING

TEST PERFORMED: IMO 2010 FTP Code, Part 8 – Test for upholstered furniture

### TEST RESULTS

Specimen	Progressive Smoldering (Y/N)	Flaming (Y/N)	Char Length (mm)
1	No	No	10
2	No	No	10

  

Specimen	Flaming* (s)	Glowing* (s)	Smoking* (s)	Smoldering* (s)	Char Length (mm)
1	0	0	2	0	15
2	0	0	2	0	18

### NOTES

Test Conditions: 70 ±4°F, 65 ±5% Relative Humidity  
Sampling Method: As Received  
Deviations: None  
Test Item Composite: Filling Material -  
☒ Standard filling material  
☐ Non flame retardant flexible polyether foam, 22 kg/m3 (1.4 lb/ft3)  
☒ Flame retardant polyurethane foam, CMHR, 35 kg/m3 (2.2 lb/ft3)  
☐ Client's filling material

### ACCEPTANCE CRITERIA

#### Smoldering Ignition Source

- Progressive smoldering or flaming must cease within one hour after start of test

#### Flaming Ignition Source

- Flaming, glowing, smoking or smoldering may not exceed 120 seconds

### CONCLUSION

Based on the above results and failure criteria, the item tested:  
☒ Meets the requirements - May be labeled IMO FTPC Part 8  
☐ Does not meet the requirement

**CERTIFICATION** I certify that the above results were obtained after testing specimen in accordance with the procedures and equipment specified by the standard stated above. The test results relate to the behavior of the test specimens of a product under the particular conditions of the test; they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use.

Authorized Signature

Date Order Completed: 05/13/2024

APPENDIX

Company Submitting Testing	Designtex
Manufacturer of Material	Designtex 357 County Avenue Secaucus, NJ 07094
Product Identification	100% Silicone
Color Submitted	
Weight of Fabric	28 oz per square yard
End Use	Upholstery (Not Specified)
Material Thickness	
Coating Type + Weight	
Method + Qty of Fire	
Retardant Treatment	
Content	100% Silicone
Weave Type	Coated Material
Pick + End Count	
Yarn Type / Count	

The Appendix information above is provided by the Sponsor and is not determined by Applied Lab.

Date Sample Arrived	5/8/24
Cleaning / Weathering Procedure	
Date of Test	5/13/24
Cigarette Used	NIST SRM 1196
	Length: 70 ±4mm, Diameter: 8 ± 0.5mm, Mass: 0.95 ± 0.15g,
	Smoldering rate: 11 ± 4.0 min / 50mm