

9821 Silicone Glee 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

certificate of testing

client Designtex
200 Hudson Street
9th Floor
New York, NY 10013
product identification 9821 Silicone Glee

test method performed smolder resistance of materials used in upholstered furniture – section 1: cover fabrics
california technical bulletin 117: 2013 (january 2019 revision)
date of test 11.10.2023

test results

specimen	char length (in.)	extinguished <45 min (y/n)
1	self-extinguished	y
2	self-extinguished	y
3	self-extinguished	y

notes

test conditions 70 ±3.5°F, 50 ±5% relative humidity requirement: 21 ±3°C, less than 55% relative humidity
sampling as received
ignition source srm1196a
deviations none

acceptance criteria

- pass
 - vertical char length ≤1.8 inches (45mm)
 - smoldering extinguishes within 45 minutes
 - no transition to open flaming
- fail
 - vertical char >1.8 inches (45mm)
 - smoldering beyond 45 minutes
 - specimens transition to open flaming
- retest
 - if only one of the three initial specimens fail, retest an additional three specimens
 - if all three additional specimens pass the test, the cover fabric passes the test
 - if any one of the additional three specimens fail, the cover fabric fails the test

classification

based upon the test results and acceptance criteria listed above, the product identified is a

- ☒ pass
- ☐ fail
- ☐ requires retesting

certification statement by signing below, the lab certifies that the results were obtained after testing specimens submitted by the client in accordance to the procedures and equipment specified by the standard stated above.

approved by: 



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