



# PHIFER

INCORPORATED

17 October 2017

DRAPER INC.

Sent Via Email: [jessi.wright@DraperInc.com](mailto:jessi.wright@DraperInc.com)

Re: Flame Retardance Certificate

**PHIFER INCORPORATED** certifies that the materials described below manufactured in Tuscaloosa, Alabama, U.S.A., and furnished by our firm:

SheerWeave 4000 ECO, SheerWeave 4400 ECO (All colors and weaves)

is in compliance with the following standard(s):

1. Flammability per California Administrative Code, Title 19, Public Safety, Section 1237, Flame resistance Small Scale test, Interior Materials Qualification (California Registration F-99001).
2. National Fire Protection Association, NFPA No. 101, "Life Safety Code", Class "A" rating. (Tested in accordance to ASTM E84.)  
SW 4000 ECO - Flame Spread Index = 20    Smoke Developed Value = 350  
SW 4400 ECO - Flame Spread Index = 15    Smoke Developed Value = 250
3. International Building Code (IBC), Section 803.1.1, (Tested in accordance to ASTM E84), Class "A" rating.
4. NFPA 701, Standard Methods of Fire Test for Flame Propagation of Textiles and Films 2015 Edition – (Test 1, Small Scale).
5. NFPA 701, Standard Methods of Fire Tests for Flame Propagation of Textiles and Films 2015 Edition – (Test 2, Large Scale).
6. CAN/ULC-S109-14 Standard for Flame Tests of flame-Resistant Fabrics & Films Small Flame Test.
7. CAN/ULC-S109-14 Standard for Flame Tests of flame-Resistant Fabrics & Films Large Flame Test, Single Sheet Specimen.
8. CAN/CGSB2-4.162-M80, "Hospital Textiles - Flammability Performance Requirements" as specified by Canadian General Standards Board (SGSB).
9. BS EN ISO 15025: 2002 - Protection against heat and flame - Method of test for limited flame spread (Procedure A - Surface Ignition); as cited by BS 5867-2:2008 - British Standard Specification for Fabrics for curtains, drapes and window blinds; Part 2: Type "B: Performance Requirements.

If you have any questions or need further information, please contact me at 1-800-633-5955 Ext. 3075.

Sincerely,

**PHIFER INCORPORATED**

Keith Euerle

Director of Specialty Textiles Testing and Analysis

\*Testing was performed by a 3<sup>rd</sup> party certified laboratory on samples representing products listed.



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**PHIFER INCORPORATED** certifies that the materials described below manufactured in Tuscaloosa, Alabama, U.S.A., and furnished by our firm:

SheerWeave 4100 ECO (All colors and weaves)

is in compliance with the following standard(s):

1. Flammability per California Administrative Code, Title 19, Public Safety, Section 1237, Flame resistance Small Scale test, Interior Materials Qualification (California Registration F-99001).
2. National Fire Protection Association, NFPA No. 101, "Life Safety Code", Class "A" rating. (Tested in accordance to ASTM E84.)  
Flame Spread Index = 15    Smoke Developed Value = 250
3. International Building Code (IBC), Section 803.1.1, (Tested in accordance to ASTM E84), Class "A" rating.
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10. CFR 49 V 571.302 (Federal Motor Vehicles Safety Standards), Flammability of Material use in the Interior of Motor Vehicle Occupant Compartments.

If you have any questions or need further information, please contact me at 1-800-633-5955 Ext. 3075.

Sincerely,  
**PHIFER INCORPORATED**

Keith Euerle  
Director of Specialty Textiles Testing and Analysis

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