



PHIFER INCORPORATED

31 March 2014

DRAPER INC.

Sent Via E-mail: jmiller@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 Basic 3%, 5%, 10%, 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. (California Registration F-44203).
2. National Fire Protection Association, NFPA No. 101, "Life Safety Code", Class "A" rating. (Tested in accordance to ASTM E84.)

3% - FLAME SPREAD INDEX = 20	SMOKE DEVELOPED VALUE = 125
5% - FLAME SPREAD INDEX = 20	SMOKE DEVELOPED VALUE = 180
10% - FLAME SPREAD INDEX = 20	SMOKE DEVELOPED VALUE = 160
3. Uniform Building Code, Part VIII, "Fire Resistive Standard for Fire Protection", Chapter 42 – Interior Wall and Ceiling Finish, Sections 4201-4203, Class I. (Tested in accordance to ASTM E84.)
4. NFPA 701-2010 TM #1, Standard Methods of Fire Test for Flame Resistant Textiles and Films 2010 Edition – Test Method #1 (Small Scale).
5. NFPA 701-2010 TM#2, Standard Methods of Fire Tests for Flame Resistant Textiles and Films 2010 Edition - Test Method #2 (Flat Sheet Specimens).
6. CAN/ULC-S109-03 Standard for Flame Tests of flame-Resistant Fabrics & Films Small Flame Test.
7. CAN/ULC-S109-03 Standard for Flame Tests of flame-Resistant Fabrics & Films Large Flame Test (Single Sheet).
8. CAN/CGSB2-4.162-M80 as specified by Canadian General Standards Board, National Standard of Canada, CAN2-4.162-M80 "Hospital Textiles - Flammability Performance Requirements".
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 205-345-2120.

Sincerely,

PHIFER INCORPORATED

Keith Euerle

Director, Specialty Textiles Testing and Analysis