



PHIFER INCORPORATED

31 March 2014

DRAPER INC.

Sent Via E-mail: jmiller@DraperInc.com

Re: Flame Retardance Certificate

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

SheerWeave Vinyl Coated Fiberglass Fabric: SheerWeave 2360, SheerWeave 2390, SheerWeave 2410 (All Colors) are 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 No. F-44207)
2. National Fire Protection Association, NFPA No. 101, "Life Safety Code", Class "A" rating. (Tested in accordance to ASTM E84.)

SW 2360 - FLAME SPREAD INDEX = 20	SMOKE DEVELOPED VALUE = 125
SW 2390 - FLAME SPREAD INDEX = 20	SMOKE DEVELOPED VALUE = 130
SW 2410 - FLAME SPREAD INDEX = 25	SMOKE DEVELOPED VALUE = 135
3. International Building Code (IBC), Section 903.1, (Tested in accordance to ASTM E84), Class "A" rating
4. NFPA 701, Standard Methods of Fire Tests for Flame Propagation of Textiles and Films 2010 Edition (Test 1, Small Scale).
5. NFPA 701, Standard Methods of Fire Tests for Flame Propagation of Textiles and Films, 2010 Edition (Test 2, Large Scale).
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.
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 205-750-3075.

Sincerely,
PHIFER INCORPORATED

Keith Euerle
Director of Specialty Textiles Testing and Analysis