

**DATA SHEET for:**

**Brook Metallic Lurex FR**

**Product Code:** Iridescent METLG I1,  
Silver METLG S1  
Gold METLG G1

**Available Widths (m):** 1.60, and 3.20

**Roll Lengths (m):** 50 supplied on a 76mm (3") full width core

PROPERTY	TEST METHOD	RESULT
Fire Retardancy	BS5867	Type B
Yarn Composition	Not tested	Branded Lurex
Weight	BS2471	85gsm
Tensile Strength	BS EN ISO13934	3.25 x 2.5 N/5cm

Information and test results for guidance only and may change without prior notice, Customer to determine suitability of product for the intended end use. V4

**Metallc Lurex FR** is suitable for dye-sublimation and digital printing with solvent and UV inks, a high performance gauze fabric with a translucent construction to give excellent colour reproduction.

**Treatments available:** digital flame retardant pre-treatment for solvent, and UV inks and options will comply with FR standards above

**Colour:** iridescent, silver and gold.

**Typical end uses:** internal banners, soft signage, retail display graphics, exhibition graphics, promotional advertising applications and, soft signage for retail



## TEST CERTIFICATE

No. 06043/3

Assessment to BS 5867 : 1980 Specification for Fabrics for  
Curtains and Drapes, Part 2 : Flammability Requirements using BS 5438 : 1976

### SAMPLE INFORMATION

Client **Brook International, Flagship House, Riparian Way, Cross Hills, KEIGHLEY, BD20 7BW**  
Fabric Reference **Metallic Lurex FR (KMETG FR), Batch No. 1843, Composition stated to be 97% Polyester, 3% Cotton.**  
Dimensions **100cm by 158cm (Width)**  
Date Received **24.1.06**  
Pre-treatment **None.**  
Conditioning **BS 5438 : 1976, Clause 4.**

### TESTING

Following the pre-treatment described above, the material was conditioned and tested according to **Test 2 of BS 5438 : 1976 Method of test for flammability of vertically oriented textile fabrics and fabric assemblies subjected to a small igniting flame**, using a **15 second flame application time** and the results assessed according to the requirements of **BS 5867 : 1980 Specification for Fabrics for Curtains and Drapes, Part 2 : Flammability Requirements**. Testing was carried out on the face side of the fabric.

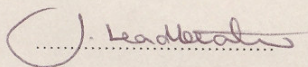
Specimen No.	WARP			WEFT		
	1	2	3	1	2	3
Flame reached an edge	No	No	No	No	No	No
Hole reached an edge	No	No	No	No	No	No
Flaming debris separated	No	No	No	No	No	No

It should be noted that the results may not apply to situations where there is a restricted air supply or prolonged exposure to intense heat as in a conflagration.

### CONCLUSION

**The sample received meets/does not meet BS 5867 : 1980 Specification for Fabrics for Curtains and Drapes, Part 2, Flammability Requirements, Type B.**

It should be noted that the fabric should be supplied with the manufacturers name, trademark or other identifying mark; the statement 'Flammability complies with the requirements of BS 5867 : Part 2, Type B' and instructions on any special precautions to be taken concerning care (including cleansing) of the product to be manufactured from the fabric, preferably using an appropriate care labelling symbol in accordance with BS 2747 and taking account of the pre-treatment used in this test and the requirements of Clause 4 of BS 5867 : Part 2 : 1980.



Mr J Leadbeater LL.B DTS  
**Technical Manager**  
END OF REPORT