

DATA SHEET for:

Brook Endurance

Product Code: FKEN
Available Widths (m): 1.53, and 3.06
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	100% Semi dull Polyester
Weight	BS2471	115gsm
Bursting Strength	ISO13938 - 2	>600Kpa

Information and test results for guidance only and may change without prior notice, Customer to determine suitability of product for the intended end use. V2

Suitable for dye-sublimation and digital printing with solvent, UV, aqueous and, disperse inks **Endurance** is a high performance knitted polyester fabric of a unique construction that gives excellent colour reproduction and show through.

Treatments available: pure, digital pre-treatments for solvent, eco-solvent, UV, aqueous or disperse inks and flame retardant options satisfy standards above

Colour: optic white to optimise print performance

Typical end uses: flags, beach flags, internal and external banners, soft signage, retail display graphics, display systems, promotional advertising applications and exhibition graphics



TFT

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**TEST CERTIFICATE**

No. 07380/1

**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 **Brook Endurance FR, Batch ID: 486048 with new Brook 7 FR pre-treatment, Composition stated to be 100% Polyester.**

Dimensions **90cm by 153cm**

Date Received **29.05.07**

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, as received, meets 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. Since the fabric is FR treated it should indicate "IF WETTED IN ANY WAY IT IS ESSENTIAL TO RE-TREAT THE FABRIC TO MEET FLAMMABILITY REQUIREMENTS".

Mr J Firth
Technical Manager
END OF REPORT