

**DATA SHEET for:**

**Brook Ripstop Polyester**

**Product Code:** POLYR  
**Available Widths (m):** 1.50  
**Roll Lengths (m):** 50 - 100 supplied on a 76mm (3") full width core

Characteristic	Test Method	Values	Tolerance
<b>Width</b>	Not Tested	150cm	+/- 1cm
<b>Weight</b>	Not Tested	49gsm	+/- 2gsm
<b>Breaking Strength</b> Warp Weft	ISO 13934	38Dan/5cm 34Dan/5cm	+/- 3Dan/5cm +/- 3Dan/5cm
<b>Elongation at Break</b> Warp Weft	ISO 13934	25% 28%	+/- 4% +/- 4%
<b>Bias Elongation</b> Under 3lbs Under 5lbs Under 10lbs	BS EN ISO 13934	3.5% 9.0% 22.0%	+1% +2% +6%
<b>Tear Strength</b> Warp Weft	ISO 13937	4.4Dan 4.3dan	- 1Dan - 1Dan
<b>Porosity</b> New fabric After 1h30m of flutter		10L/m <sup>2</sup> /min 150L/m <sup>2</sup> /min	+10 L/m <sup>2</sup> /min +30 L/m <sup>2</sup> /min

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 and UV inks  
**Ripstop Polyester** is a high performance woven ripstop fabric of the highest specification.

**Treatments available:** polyurethane coated for solvent, eco-solvent and UV inks

**Colour:** optic white to optimise print performance.

**Typical end uses:** feather flags, external flags, banners, kites, surf kites, windsocks and air balloon banners

**C.B. BROOK & CO LIMITED**  
Company Registration No: 229755

Registered Office:  
Flagship House, Riparian Way,  
Cross Hills, Keighley  
West Yorkshire BD20 7BW  
ENGLAND  
Tel: +44 (0) 1535 639020  
Fax: +44 (0) 1535 639029



# TFT

(Ilkley) Ltd.

The Sidings Business Park, SKIPTON, North Yorkshire, BD23 1TB  
Phone or Fax 01756 792525

Office: 30 Alexandra Crescent, ILKLEY, West Yorkshire, LS29 9ER, Phone or Fax 01943 603459

Reg. No. 3168606, VAT No. 659 9604 77



## TEST CERTIFICATE

No. 07517/1

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 Polyester Ripstop FR, Batch ID: M837PS,  
Composition stated to be 100% Polyester.  
Dimensions 99cm by 163cm  
Date Received 30.07.07  
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