

**DATA SHEET for:**

**Brook Woven Satin**

**Product Code:** SATIN  
**Available Widths (m):** 1.52  
**Roll Lengths (m):** 50 - 100 supplied on a 76mm (3") full width core

PROPERTY	TEST METHOD	RESULT
Yarn Composition	Not tested	100% Semi bright Polyester
Weight	BS2471	125gsm
Tensile Strength	BS EN ISO 13934 - 2	80Kg x 50Kg
Tear Strength	BS EN ISO 13937 - 4	3.2Kg x 3.2Kg

Information and test results for guidance only and may change without prior notice, Customer to determine suitability of product for the intended end use. V3

Suitable for dye-sublimation and digital printing with UV inks **Woven Satin** is a high performance woven polyester fabric with a dense luxurious construction to give excellent colour reproduction.

**Treatments available:** pure, and when flame retardant treated will comply with BS5867 Type B. To order digital pre-treatments for solvent, eco-solvent and disperse inks.

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

**Typical end uses:** internal and external banners, soft signage, retail display graphics, stretch frame art reproduction, murals, pop ups, display systems, promotional advertising applications and personalised soft filled products



**TEST CERTIFICATE**

No. F08083/1

**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 **Woven Satin FR SATIN.**

Dimensions **40cm by 155cm**

Date Received **25.02.08**

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	Yes	Yes	Yes	Yes	Yes	Yes
Hole reached an edge	Yes	Yes	Yes	Yes	Yes	Yes
Flaming debris separated	Yes	Yes	Yes	Yes	Yes	Yes

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, 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. 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