

DATA SHEET for:
Brook Airtex FR

Product Code: PACA
Available Widths (m): 1.60, 3.20 and 5.00
Roll Lengths (m): 50, 1.60m and 3.20m supplied on a 76mm (3") full width core, 5.00m supplied on a 12.7cm (5") full width core.

PROPERTY	TEST METHOD	RESULT
Fire Retardancy	BS5867	Type B
Weight	BS2471	270gsm
Yarn Composition	Not tested	Acrylic coated Polyester
Tensile Strength	DIN 53354	1100 x 1300 N/50mm
Tear Strength	DIN 53363	150 x 110 N
Cold Resistance	DIN 53361	-30°C
Heat Resistance	Complan - Richtlinie	+70
Crack Resistance	DIN 53359 A	<100000 no cracks

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

Suitable for digital printing with solvent, UV, inks **Airtex FR** is a high performance acrylic coated polyester fabric with a matt appearance to give excellent colour reproduction.

Treatments available: acrylic coated for digital printing with solvent and UV inks, not suitable for dye-sublimation

Colour: natural white appearance.

Typical end uses: art reproduction, fine art reproduction, murals, theatrical stage scenery backdrops, exhibition graphics, museum graphics, internal banners, retail display graphics, music event graphics



TEST CERTIFICATE

No. F08038/5

**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 **Mehler Airtex FR PACA.**

Dimensions **50cm by 160cm**

Date Received **04.02.08**

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	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