

TECHNICAL DATA SHEET

Auckland Airmesh Fabric FR_V1

Description

Auckland Airmesh Fabric FR_V1 is a 100% polyester knitted textile that is ultra-matte and non-glare with a tear resistant mesh structure for increased durability and air permeability.

Suggested uses

- Scrim banners
- PA Scrim
- Flags
- Field of play banners & stadium seat covers

Print method

Direct digital dye sublimation print

Material details

Charateristics	Test Method	Details
Support Cloth	N/A	100% PES Polyester
Total Weight	N/A	115gsm
Flame Resistance	DIN 4102-01	B1
Added Value: Air Permeability	DIN EN ISO 9237	3900 litres/sq. metre/sec.+/-10%
Maximum Tearing Strength (Longitudinal direction)	DIN EN ISO 13934-1	Min. 250 [N/5 cm]
Maximum tearing strength (Cross direction)	DIN EN ISO 13934-1	Min. 260 [N/5 cm]
OEKO-TEX Certified	OEKO-TEX®	STANDARD 100 Product class 2 (direct contact with skin)
Recyclability	N/A	1-PET: 100% Recyclable

Please Note:

- Due to the nature of the surface coatings on unwashed dye sublimated printed fabric, some image transfer may occur when folded and stored in damp conditions. If you plan to use your graphic repeatedly, we recommend washing as detailed below prior to storage.
- The nature of fabric is such that some shrinkage can occur during production, we have processes to minimise this but they may be compromised to meet short deadlines.

Aftercare guide for digitally printed fabrics

- Care should be taken when handling and installing materials to prevent them from getting dirty.
- Fabrics should be stored in a suitable container and kept away from moisture.
- We recommend using cotton gloves or washing your hands before handling and installing your fabric graphics.

Washing

- First time washing: To remove residual coatings from the manufacturing process, fabrics should be hand dipped and swirled in a generous quantity (e.g. Bath) of cold water before washing as below.
- Ensure the washing machine has suitable capacity for the size and weight of the fabric.
- Machine was at 30° or less using non-biological washing detergent on a short cycle with spin dry.
- Ensure the fabric is removed immediately after washing.
- Air dry only (do not tumble dry).

Storage

- Ensure the fabric is fully dry before storing.
- We recommend fabric graphics are stored in plastic containers or boxes.
- Use silica gel sachets to prevent moisture build up.
- Do not crush fabrics.
- Avoid damp conditions.

Product information and warnings

- Do NOT tumble dry.
- Keep away from naked flames and other heat sources. Due to the nature of the coating on this product (a water based fire retardant coating), repeated washing will decrease the effectiveness of the fire retardancy.

The information on physical and chemical characteristics is based upon tests believed to be reliable. The values are intended only as a source of information. A legally binding guarantee of specific properties is not to be inferred from our specifications. They are given without guarantee and do not constitute a warranty. The purchaser should independently determine, prior to use, the suitability of this material for his/her specific purpose. (data represents averages and is not intended for use as a specification)