



OBEIKAN TECHNICAL FABRICS CO. LTD.

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TECHNICAL DATA SHEET

Product: OBEFLEX FRONTLIT BLACKBACK - FR™

Application:

- Outdoor - Banners, billboards, posters, awnings and canopies
- Indoor - Panels, banners, decorations and displays

PROPERTIES	TEST METHOD	METRIC	ENGLISH
Support Cloth	(DIN 60001)	Polyester	Polyester
Ends/Picks	(DIN EN 1049-2)	7 x 8 per cm	18/20 per inch
Yarn (dtex)	(DIN EN ISO 2060)	1100	
Weave	(DIN ISO 9354)	1/1 plain	1/1 plain
Greycloth-weight	(DIN EN ISO 2286-2)	170 g/m ²	5.0 oz./sq.yd.
Type of Coating		PVC coated on both sides	PVC coated on both sides
Total weight	(DIN EN ISO 2286-2)	500 ±20 g/m ²	14.72 oz./sq.yd.
Width	(DIN EN ISO 2286-1)	up to 500 cm	up to 16'4"
Tensile Strength	(DIN 53354)	2500/2100 N/5cm	285/239 lbs/inch
Tear Resistance	(DIN 53356)	250/200 N	57/46 lbs
Low Temperature - No Crack at		-30°C	-22°F
Flame Retardant		NFPA-701, M2, B1	

Available widths: 5m, 4.2m, 3.2m, 2.5m, 2.1m, 1.8m, 1.6m

Features:

- ★ Enhanced brilliance for higher-intensity graphics with solvent base ink jet inks
- ★ Exclusive surface treatment for consistent image quality and color density
- ★ UV resistant
- ★ Fungus resistant
- ★ High-frequency and hot-air weldable
- ★ Smooth surface finish coated with acrylic lacquer on both sides
- ★ Excellent weatherability and durability
- ★ Excellent opacity
- ★ Printable on white side

NOTE: Information listed above is based on our general experience and observation and is given in good faith. OTF will not accept any responsibilities with respects to factors outside our knowledge. Values without tolerance statements are values with a tolerance of ±5%.

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