



OBEIKAN TECHNICAL FABRICS CO. LTD.

PO Box 1087, Riyadh 11431 Kingdom of Saudi Arabia

Tel: +966 1 2653533 Fax: +966 1 2653438

Website: www.obeflex.com

Email: otf@obeikan.com.sa

TECHNICAL DATA SHEET

Product: OBEFLEX BACKLIT - FR™

Application:

- Outdoor - Billboards, awnings and canopies
- Indoor - Banners, decorations and displays

PROPERTIES	TEST METHOD	METRIC	ENGLISH
Support Cloth	(DIN 60001)	Polyester	Polyester
Ends/Picks	(DIN EN 1049-2)	8 x 9 per cm	20/23 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)	190 g/m ²	5.56 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)	3000/2500 N/5cm	342/285 lbs/inch
Tear Resistance	(DIN 53356)	300/250 N	68/57 lbs
Light Transmittance		20~25%	
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:

- ★ High intensity graphics with solvent base ink-jet inks
- ★ Exclusive surface treatment for consistent image quality and uniform light transmission
- ★ UV and fungus resistant
- ★ High-frequency and hot-air weldable
- ★ Smooth surface finish coated with acrylic lacquer
- ★ Excellent weatherability and durability
- ★ Compatible for screen printing and vinyl sticker applications
- ★ Printable on both sides

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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