



OBEIKAN TECHNICAL FABRICS CO. LTD.

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TECHNICAL DATA SHEET

Product: OBEFLEX SAHARA BL - FR™

Application:

- Outdoor - Billboards, awnings and canopies, and vinyl sticker application
- Indoor - Decoration, displays and vinyl stickers application
- Very high life longevity for long term application

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)	650 ±20 g/m ²	19.14 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
Low Temperature - No Crack at		-30°C	-22°F
Light Transmittance		16 ±5%	
Flame Retardant		NFPA-701, B1	

Available widths: 5m, 3.2m, 1.8m, 1.6m

Features:

- ★ Exclusively formulated as a general purpose backlit for long term applications:
 - vinyl adhesives, heat transfer, screen printing, air brush, digital ink jet solvent base inks
- ★ High UV resistant for excellent outdoor durability
- ★ Printable on both sides
- ★ Fungus resistant
- ★ High-frequency and hot-air weldable
- ★ Smooth surface finish coated with acrylic lacquer
- ★ Very stable product under the toughest climate conditions
- ★ High gloss finish

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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