



**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](http://www.obeflex.com)

Email: [otf@obeikan.com.sa](mailto:otf@obeikan.com.sa)

**TECHNICAL DATA SHEET**

<b>Product Name</b>		<b>OBEFLON-1000</b>	
Coating	PTFE Coated Glass Fabric		
Base fabric Support	EC6		
	<b>Value</b>	<b>Unit</b>	<b>Test Method</b>
Ends/Picks	9X9	per cm	DIN EN 1049
Yarn	EC6 66x2x2		DIN EN ISO 2060
Weave	1/1 plain		DIN ISO 9354
Greycloth weight	505	g/m <sup>2</sup>	DIN 53854
Type of Coating	PTFE coated on both sides		
Coated Fabric Weight	1000	g/m <sup>2</sup>	DIN 53854
Thickness	0.63	mm	DIN 53353
Strip Tensile			
Warp (min)	6000	N/5cm	DIN 53354
Fill (min)	5500	N/5cm	DIN 53354
Tear Strength			
Warp (min)	350	N	DIN 53363
Fill (min)	350	N	DIN 53363
Coating Adhesion (min)	50	N/5cm	DIN 53357
Elongation @ break			
Warp	3~4	%	DIN 53354
Fill	11~12	%	DIN 53354
Solar Reflectance (min)	72	%	
Solar Transmission	8 (+/-2)	%	
Available Width	300	cms	DIN EN 22286
Color	Standard color, becomes white after bleaching out		
<b>Fire Performance</b>			
Non-Combustible accdg to	Class A2		DIN 4102
Intermittent Flame	Class A		ASTME - 108
Spread of Flame	Class A		ASTME - 84
	Pass		ASTM - 136
	Pass		NFPA
	Pass		UBC Part IV

\*N/A - Not applicable

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%