Serge Ferrari

Flexlight
T-1100

Outstanding aesthetics
and longevity



Flexlight
T-1100

Main applications

- Tensile roofs
- Complex building envelopes

Major advantages

- Long term aesthetics (Tropical climate compatibility)
- High natural light input
- High fire resistance
- Long term mechanical resistance

▪ Technical properties (Type II)		Standards
Coating	PTFE	
Yarn	Glass yarn EC 3/4µ	
Weight	1000 g/sqm	EN ISO 2286-2
Width	380 cm	
Tensile strength (warp/weft)	6000/5500 N/5cm	EN ISO 1421
Tear resistance (warp/weft)	450/450 N	DIN 53.363
Adhesion	80 N/5cm	EN ISO 2411

> The technical data here above are average values with +/- 5 % tolerance

▪ Flame retardancy		
Flame retardancy rating	**Bs1d0**	GB 8624 (euroclass, chinese)

> Other fire certificates available on demand

▪ Additional information (values after bleaching)		
Thickness	0,60 mm	+/-0,1mm
Standard format length	~250 linear meters	
Visible Light Transmittance (Tv)	15%	EN 410
Visible Light Réflexion (Rv)	84%	EN 410
Solar Transmittance (Ts)	15%	EN 410
Solar Réflexion (Rs)	78%	EN 410
Solar factor (g)	17%	EN 410
Heat transfer coefficient (vertical/horizontal)	U = 4,7 / 5,5 W/m2.K	DIN EN ISO 6946
Emissivity	91%	DIN EN ISO 6946
UV transmittance (T uv)	< 1%	EN 410
LEED Heat Island Effect Solar Reflectance Index (SRi)	> 96%	ASTME 1980-01 (Approach II)

▪ **Certifications, Warranty**

ISO 9001

15-year warranty

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Ref. xxxxx. April 2020/V1.01

Cover picture : Taisho Park - Taïwan

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Serge Ferrari
lightweight + durable

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