Serge Ferrari

Flexlight
T-1450

Outstanding aesthetics
and longevity



T-1450 _ 8005

Flexlight
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Main applications

- Tensile shading structures
- Tensile roofs

Major advantages

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

▪ **Technical properties (Type IV)**		Standards
Coating	PTFE	
Yarn	Glass yarn EC 6µ	
Weight	1450 g/sqm	EN ISO 2286-2
Width	380 cm	
Tensile strength (warp/weft)	8000/8000 N/5cm	EN ISO 1421
Tear resistance (warp/weft)	600/600 N	DIN 53.363
Adhesion	100 N/5cm	EN ISO 2411

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

▪ **Flame retardancy**		
Flame retardancy rating	**B1** **Class A** **Class A** **Pass**	DIN 4102-1 ASTM E 84 ASTM E 108 ASTM E 136

> Other fire certificates available on demand

▪ **Additional information (values after bleaching)**		
Thickness	0,85 mm	+/-0,1mm
Standard format length	~160 linear meters	
Visible Light Transmittance (Tv)	11%	EN 410
Visible Light Réflexion (Rv)	81%	EN 410
Solar Transmittance (Ts)	11%	EN 410
Solar Réflexion (Rs)	75%	EN 410
Solar factor (g)	14%	EN 410
Heat transfer coefficient (vertical/horizontal)	U = 4,7 / 5,5 W/m2.K	DIN EN ISO 6946
Emissivity	92%	DIN EN ISO 6946
UV transmittance (T uv)	< 1%	EN 410
LEED Heat Island Effect Solar Reflectance Index (SRi)	> 91%	ASTM E 1980-01 (Approach II)

▪ **Certifications, Warranty**

ISO 9001

15-year warranty

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Cover picture : Longgang Basketball court - Taïwan

The buyer of our products is fully responsible for their application and their transformation with regard to any possible third party. The buyer of our products is responsible for their implementation and installation according to the standards, workmanship and safety regulations in force in destination countries. For information on our contractual warranty, please refer to the relevant terms and conditions. The values quoted above represent results of tests performed in compliance with common design practices and are provided for information only to enable customers to make the best use of our products. Our products are subject to changes based on technical advances and we reserve the right to modify their characteristics at any time. The buyer of our products is responsible for checking the validity of the above data.

Serge Ferrari
lightweight + durable

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