Serge Ferrari

# Flexlight
# T-1150

Outstanding aesthetics
and longevity



T-1150 _ 8005

# Flexlight
T-1150

## 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 II) | | Standards |
|---|---|---|
| Coating | PTFE | |
| Yarn | Glass yarn EC 6µ | |
| Weight | 1000 g/sqm | EN ISO 2286-2 |
| Width | 380 cm | |
| Tensile strength (warp/weft) | 6000/6000 N/5cm | EN ISO 1421 |
| Tear resistance (warp/weft) | 400/400 N | DIN 53.363 |
| Adhesion | 60 N/5cm | EN ISO 2411 |

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

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

*> 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) | 13% | EN 410 |
| Visible Light Réflexion (Rv) | 82% | EN 410 |
| Solar Transmittance (Ts) | 13% | EN 410 |
| Solar Réflexion (Rs) | 77% | EN 410 |
| Solar factor (g) | 15% | EN 410 |
| Heat transfer coefficient (vertical/horizontal) | U = 4,9 / 5,7 W/m2.K | DIN EN ISO 6946 |
| Emissivity | 90% | DIN EN ISO 6946 |
| UV transmittance (T uv) | < 1% | EN 410 |
| LEED Heat Island Effect<br>Solar Reflectance Index (SRi) | > 96% | ASTM E 1980-01 (Approach II) |

▪ **Certifications, Warranty**

**ISO 9001**

**15-year warranty**

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Cover picture : Taichung Factory - Taïwan

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lightweight + durable

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