

**Technical specifications - fabric**

Fabric material: **ePTFE (e polytetrafluorethylene)**  
Coating material: **100% fluoropolymer**  
Fabric width: **157.5 cm / 62.0 inch**  
Weave: **plain weave 1/1**  
Weight: **1080 grams per square meter / 31.9 oz/square yard**  
Thickness: **0.55 mm / 0.022 inch**  
Maximum tensile strength: Warp: **4000 N/5cm / 456 pounds/inch**  
(ASTM D4851) Weft: **4000 N/5cm / 456 pounds/inch**  
Trapezoidal tear: Warp: **798 N / 179 pounds**  
(ASTM D4851) Weft: **752 N / 169 pounds**  
Water column (mm): **>10000**

Fire behaviour: **EN 13501 B-s1, d0, ASTM E84 – Class A, NFPA 701 – Small Scale - Pass**

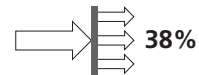
**Technical specifications - light transmission**

Degree of transmission (%): **38 % to ASTM D 1003**  
Degree of reflexion (%): **59**  
Absorption (%): **3**

**Light-transmitting fabric**

Material: ePTFE  
Width: 157.5 cm

**Light transmission**



**Diffuse light component (haze)**

Very high

**Outdoor applications**

Large-scale, retractable or non-retractable permanent structures, roofings, membrane structures, etc.

**Benefits**

Permanently UV-resistant and colourfast, foldable, dirt- and waterrepellent, free of any plasticizers, no absorption of moisture, high functional and aesthetic qualities thanks to optimized technical specifications for fabric manufacture and light transmission

**Fabric specifications**

**4T** = 4000 N/5 cm  
**40** = 40% Light transmission  
**HF** = High Frequency

Specifications can be changed any time without advance notice.

The textile structure and its feel are state of the art; slight variations in the appearance of the fabric are due to small differences in raw materials.

Architecture

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