

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**

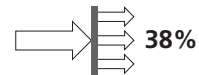
Technical specifications - light transmission

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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