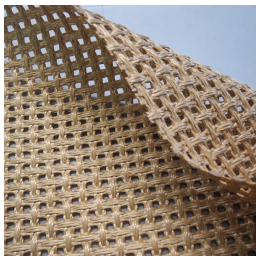
# TECHNICAL DATA SHEET

## PTFE-Coated Fiberglass Mesh

Open-mesh PTFE-coated fiberglass for facade screens and architectural shading.



| MATERIAL SPECIFICATIONS | |
|---|---|
| Technology | Multilayer PTFE coating |
| Base fabric | Fiberglass filaments EC6 |
| Surface | Matte |
| Colour | Beige; becomes white after bleaching |
| Weight | 700gsm |
| Width | 2-4m |
| Tensile strength | 4000 (N/5cm) Warp / 4000 (N/5cm) Weft |
| Tearing strength | 350 (N/5cm) Warp / 350 (N/5cm) Weft |
| Adhesion | 60 (N/5cm) |
| Light transmission at 550nm | 45% |
| Openness | 25-35% |
| Listed fire-test grade | A1 |
| Welding methods | Hot bar welding/FEP welding tape |
| Listed service-life reference | 25 years; subject to project conditions |
| Suitable temperature | 100°F to +450°F (-73°C to +232°C) |

Values and available configurations are reproduced from the current material specification. Where a table lists several configurations, agree the selected construction for the order.

Listed fire-test grades or optional treatments do not certify every supplied configuration or finished product. Any test report applies to its submitted sample and stated test conditions.