TECHNICAL DATA SHEET

PTFE-Coated Fiberglass Membrane

PTFE-coated fiberglass membrane for tensile roofs, canopies and architectural panels.



MATERIAL SPECIFICATIONS	
Technology	Multilayer PTFE coating
Base fabric	Fiberglass filaments EC6
Surface	Matte
Colour	Beige; becomes white after bleaching
Weight	1000gsm
Width	3-3.8m
Thickness	0.6mm
Tensile strength	5800 (N/5cm) Warp / 5500 (N/5cm) Weft
Tearing strength	380 (N/5cm) Warp / 370 (N/5cm) Weft
Adhesion	60 (N/5cm)
Light transmission at 550nm	16-25%
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.