

ROFAB Industrial Fabrics

Tent Roof 850
Full Coated Coloured PVC
TFW850

Tent Roof 850 is a heavy-weight, white PVC block-out fabric with a smooth, supple structure. Designed for use in the roofs of large tent and marquee structures, this product can also deliver significant benefits in a wide range of other uses, including general covering, banners or smaller shade structures where UV protection or greater opacity is required. Strong and durable, Tent Roof 850 features a high-gloss 30gsm acrylic lacquer coating to both sides of the fabric to restrict plasticiser migration, improve UV and scratch resistance and provide better cleanability. Shrinkage has been minimised as much as possible during production.



Quality

Economy

Performance

Premium

Product information

Composition:	Woven polyester scrim coated both sides with PVC Film layers & acrylic lacquer.
Main Applications:	Tent & Marquee Roofs
Features:	Excellent strength & PVC bond with controlled fabric shrinkage & high gloss lacquered surfaces.
Benefits:	Excellent durability, weldability, shrinkage performance, scratch & stain resistance.
Surface Treatment:	Non Embossed, gloss acrylic lacquered both sides
Formulation:	Plasticized PVC + anti-static + UV stabilizer (to max concentration) - Impact Modifier + FR treatment.
Shelf Life:	Store at 10~25 °C (50~77 °F) and 50% relative humidity.

Certifications

Quality & Testing

- Meets VCA, RoHS & REACH, AWTA

Application

- Tent roofs and other outdoor applications where extra all-round durability is needed.

Weight

- 850 gsm

Stock Availability

Sheet Sizes:	Available
Roll Widths (mm):	3000mm
Roll Lengths (mtrs):	30m
Log Cutting:	In house service available
Standard Core:	76mm (with hard outer tube)
Sheet Cutting:	up to 3200mm x 1830mm

Durability

7 years (limited)

7 years (limited)

Printing

Method:	Screen, Digital UV, Eco-solvent & Latex
Printable Sides:	2
Ink Suitability:	Compatible inks to suit recommended print methods

Eco Response

Certifications

- 100% RoHS and REACH compliance

Heavy Metal Free

- Compliant, non-toxic

Recyclable

- Options available - enquire

Safety Compliance

- Reach, RoHS, VCA, FR to AS 2755-2

Basic Physical Data

Weight:	850gsm
Composition:	Woven polyester scrim coated both sides with PVC Film layers & acrylic lacquer.
Denier & Density:	1000x1000 (23x23)
Gloss Level:	High Gloss

Thermal Data

Heat Resistance:	70 °C
Cold Resistance:	Anti Crack to -30° (impact modifier)

ASK
US

Physical Characteristics

Tearing Strength	Warp 411N / 35Kg - Weft 392N / 28Kg (DIN 53363)
Flame Retardant	FR treatment to AS 2755.2 tested to AS1530.2 & AS1530.3
Environmental	Meets RoHS, REACH & VCA requirements
Welding	105.8 N/5cm (DIN 53357)
Adhesion	
Weight	850 gsm
Yarn / Scrim	High Tensile Woven Polyester
Tensile Strength	Warp 3626 N / 370Kg - Weft 3185N / 325Kg (DIN 53353)
Density / Threads	Standard 1000Dx1000D (23x23)
Surface Finish	Gloss both sides
UV Stabilized	Yes, to maximum concentration

Finishing

Cutting	✓
Welding	✓
Folding	✓
Gluing	✓
Eyeletting	✓
Stitching	✓
Laminating	X
Bending	✓
Routing	X
Punching	✓
Drilling	✓
Screwing	✓
V-Grooving	X