

# 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)

## Physical Characteristics

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

## Finishing

<b>Cutting</b>	✓
<b>Welding</b>	✓
<b>Folding</b>	✓
<b>Gluing</b>	✓
<b>Eyeletting</b>	✓
<b>Stitching</b>	✓
<b>Laminating</b>	✗
<b>Bending</b>	✓
<b>Routing</b>	✗
<b>Punching</b>	✓
<b>Drilling</b>	✓
<b>Screwing</b>	✓
<b>V-Grooving</b>	✗