

Ramada Shade Fabric



Product Details

Architectural Shade Fabric

Description

Ramada Shade Fabric is a premium quality knitted shade fabric developed for tension structures for commercial architectural applications.

Features

- UV-stabilised HDPE 100% recyclable
- Available in 300 cm (+10 cm) width as bulk rolls.
- No Re-Tensioning, does not required for installers to return after installation to re-tighten sails.
- 10-year UV degradation warranty on fabric
- Resistant against water absorption and rotting.
- In sloping applications, minimum water permeability maximum water carrying capacity
- No tear or fray if cut.
- Knitted lock-stitch construction offers more air movement and better channeling of cool breezes.
- Engineered for the harshest conditions
 - Heat set process eliminates any possibility of shrinking or dangling.
- 100% lead and phthalate free for a healthier environment

Usage instructions

- Ensure all fixing points are structurally sound, and strong enough to bear the stress of a shade product under tension.
 - Care should be taken to avoid chemicals that may organic solvents, halogens or highly acidic substances. These chemicals may attack the UV stabilisers within the shade fabric, thus reducing the life of the product and voiding the warranty.
- Do not place fabric close to open flame or fire.
- Do not use your barbecue under the shade fabric structure.
- It is recommended to temporarily remove your shade sail during strong wind conditions.

Material

Yarn	UV stabilised HDPE
Combination	Monofilament & tape
Pattern	Lock-stitch knitted
Temperature Stability (°C)	-25 to +80

Properties

Fabric Mass	300 gr/m ² (±20)
Approx. thickness	1.35 mm
Nominal Length	50 Meter
Approx. roll weight	45 kg (±2)
Approx. Roll diameter	0.40 m
Core diameter	35 mm

Performance*

Strip Tensile Strength (N)	weft	1064-1186	ASTM D 5034
	warp	1008-1183	
Elongation at Break (%)	weft	84,3-103,2	ASTM D 5034
	warp	80,8-97	
Tear Strength (N)	weft	62,8-69,1	ASTM D 1424
	warp	70,5-73	

Flammability

Flammability Index (range 0-100) 13
ASTM D6413 - Test Method for Flame Resistance of Textiles

Flammability is optional, it can be changed on an order basis

Brand Name	Color	Cover Factor	Shade Factor	Avrg % Trans	Av.UVR Trans	%UVR Block	Protection Factor MOAM	Protection Factor SD	Protection Factor
Cappadocia	Beige	92	94,62	5,38	0,03	99,97	356	27	329
Bodrum	Cream	91,6	94,75	5,25	0,034	99,966	356	29	327
Avanos	Bronze	97,5	95,04	4,96	0,012	99,988	356	24	332
Dalyan	Blue	96,3	94,93	5,07	0,019	99,981	356	25	331
Taurus	Green	95,9	94,89	5,11	0,024	99,976	356	26	330

*Performance and Flammability measurements are tested according to ASTM standart

** UV meaurements are tested according to EN 13758-1:2002 ; Textiles.

Solar UV protective properties. Method of test for apparel fabrics.

Protection Factor MOAM: Mean of all Measurements

Protection Factor SD: Standart Deviation

Certificates available on request

The above results are typical averages from quality assurance testing and are not to be taken as a minimum specification nor as forming any contract between Ramada ITC and another part.

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