

SKYWALL®

SHADE SAILS (SS)

Lightweight Sun Shading



SKYWALL SS

SKYWALL SS is made from engineered PE thread, knitted to offer shades towards sun heat and UV radiations. Our products prove to be one of the leader in shading and UV protection factor in the market.

Born in a tropical country, we believe shades and UV protection is an important factor in the society. SKYWALL SS offers one of the best solution for lightweight tension membrane with flexible design and colors.



* Colors above may not appear exact as the actual color. Colors may be updated and not mentioned above.

* Degradation from time and weather exposure should be expected on outdoor fabrics. Skywall support product warranty up to 10 years. Within this period, fabric will function normally and serve its purpose. Color fading are normal over period of time. Color that uses red and yellow pigment tend to fade faster than the others. These degradation is not strength reduction from the UV, and is not included in the product warranty.

Optical Specification

COLORS	SS230		SS320		SS400	
	UVR%	SHADE%	UVR%	SHADE%	UVR%	SHADE%
Blue	91	86	94	91	95	96
Navy Blue	95	94	96	96	97	99
Blue Gum	95	91	96	92	99	97
Seaweed	92	90	93	93	97	99
Beige	93	87	95	89	99	96
Sand	94	84	93	85	-	-
Paperbark	93	82	92	83	98	92
Ivory	92	71	94	75	96	99
Grey	87	90	88	88	96	99
White	73	92	74	94	-	-
Charcoal	-	-	-	-	99	99
Black	94	94	94	94	95	99
Bronze	-	-	93	87	98	92
Burgundy	95	92	-	-	99	98

* The data above are tested using 3rd party. For your safety, please put in 5% tolerance into consideration.

* Some colors may not be stated above



SS230

Ideal for small to medium sized shadesails and shade structures, while maintaining the maximum UV protection against the sun.

Technical Specifications		SS230	
		Warp	Weft
Tensile Strength	N/50mm	560	1750
Elongation at Break	%	50	40
Tear Strength	N/50mm	90	150
Bursting Strength	Mean kPa	2500	
Bursting Force	Mean N	1200	

SS230 shadesails are ideal around playgrounds, swimming pools, beaches facilities, and outdoor areas that require only small tension sails. Other applications include parking lots, schools, resorts, and hotels.

Due to economical value, SS230 are often used as alternatives to accentuate decoration because of its unique colors: Roofs, gates cover, covers, camouflages. It is recommended that these modular free standing structures or shadesails be designed to hold the shadecloth under firm tension. Being the lightest among the others, SS230 still offers maximum protec-

tion against the sun's heat and strong UV rays. It also provides good protection against wind, rain and hail.

SS230 has been stentered, allowing it to be more stable during and while fabricating the shadesails. It also has minimum level of shrinkage while still retaining its strength and very high UV protection.

SS320

Ideal for medium to large shadesails and sail structures with greater loads and higher tension. SS320 is made out of heavy-duty, engineered knited shadecloths.

Technical Specifications		SS320	
		Warp	Weft
Tensile Strength	N/50mm	1100	1950
Elongation at Break	%	65	55
Tear Strength	N/50mm	190	220
Bursting Strength	Mean kPa	3400	
Bursting Force	Mean N	1900	

SS320 is specially designed for medium to large shadesails and sail structures, which normally require higher tension and strength than polytex. In application where high wind and extreme weathers are, SS320 suits better than average shadesails.

SS320 is made to the highest quality standards with virgin resin, and has a 10 Year UV warranty (terms & condition applied).

It is recommended that these modular free standing structures or shadesails be designed to hold the shadecloth under firm tension.

SS320 has been stentered, allowing it to be more stable during and while fabricating the shadesails. It also has minimum level of shrinkage while still retaining its strength and very high UV protection.

SS400

SS400 has the highest UV protection and tension strength than any other shadecloth on the market. It is ideal for medium to large shade structures where safety and lifetime are priority.

Technical Specifications		SS400	
		Warp	Weft
Tensile Strength	N/50mm	1450	2250
Elongation at Break	%	77	49
Tear Strength	N/50mm	259	252
Bursting Strength	Mean kPa	4000	
Bursting Force	Mean N	2290	

With special knitting technology, SS400 has been developed to minimize the weight while maximizing fabric tear and tensile strength. The structure of SS400 has less holes than other grades, which gives the highest UV protection and, to some application, reduce water penetration during rainy season.

SS400 allows large span of shadesails without having fews to cover a dedicated area. This would save cost on the supporting structural poles.

SS400 are often the solution to protect areas against extreme weather. It has the

highest level of UV Coverage (up to 99%) and UV protection on all the color range.

Compared to competitors, SS400 stands as the best lightweight tension fabric with the highest strength.

SHADE SAILS ACCESSORIES



1

TURNBUCKLE



2

EYE BOLT



3

DYNABOLT



4

TURNBUCKLE
WITH JAW



5

DIAMOND
PAD EYE



6

S-HOOK



7

CARABINER



8

BOW
SHACKLE



9

RATCHET



More Information
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