

## Product Specification

Product	TUFLEX SHADE SAIL FABRIC
Material	High Density Polyethylene
Dimension	See Table

### Dimension:

Part No	Rev.	Description	Length	Width
TUFLEX 04	4	Tuflex Shade Sail Fabric	50 Meter	3.0 Meter

### Test Parameters

Polymer	HDPE	Character	Unit	Specification	Test Method
Melting Point	115°C	Tensile Strength - WARP	N	562	AS 2001.2.3.2-2001
Density(g/cc³)	0.94-0.96	Tensile Strength - WEFT	N	2032	AS 2001.2.3.2-2001
Specific Gravity	0.50-0.60	%Elongation - WARP	%	118	AS 2001.2.3.2-2001
		%Elongation - WEFT	%	48	AS 2001.2.3.2-2001
		Ball Bursting Strength - WARP	N	1520	AS 2001.2.4
Colour	Desert Sand	Tensile Strength - WARP	N	257	AS 2001.2.10.C.R.E
UV Stability	5 year	Tensile Strength - WEFT	N	188	AS 2001.2.10.C.R.E
From	Sheet	GSM	gm/M²	340	IS 1964:2001
Packing	Woven Bag	Shade factor	%	90-95%	AS 4174 - 1994

### Test Condition for UVA Exposure:

Lamp: UVA  
Irradiance: 0.68 W/m²  
Test Cycle: 8hrs UV at60°C & 4hrs condensation at50°C.  
Duration of UV Exposure: 500Hrs  
Black Panel Temp:60°C  
Test Method follow ASTM G 154

**Note:** 1. The product is suitable for OUTDOOR APPLICATION except atmosphere containing Sulphur & Halogens.  
2. Customised Length & Width will be provided by company and when required.  
3. We are doing test as per AUSTRALIAN STANDARD for Tensile, Tearing & Ball Burst.

**DISCLAIMER:** This product guide has been created to aid in product selection and provides only average product specifications. The information contained herein is subject to change without notice and should not be regarded as an infallible guide. It is the customer's responsibility to determine whether TUFLEX products are appropriate for the specific application and complies with any legal and patent regulations.

## TUFLEX INDIA

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Ultimate Protection  
from Nature's Elements



Tuflex Shade Sails are high-quality engineered shade products that protect from many of Mother Nature's elements; Sun, Heat, Hail and UV Rays.

We are committed to providing the highest quality standards for your shade project. Our Sales Team will guide you through a simplified process of providing a shade that protects your property & helps provide a perfect shade.

Tuflex Shade Sail Fabrics is a superior rated Knitted HDPE Fabric designed for Modular Shade Structures and Shade Sails. The high performance fabrics finds usage in Agricultural, Architectural, Industrial and Mining application. The product is designed for Tension Structures meeting international standards.



Tuflex HEAVY DUTY SHADE SAIL FABRIC

Made from tough fabric:

- Rot Resistant
- Maintains color in all weather conditions
- Special sewing technique that prevents frays or unraveling
- Provides up to 96% UV Block and 95% shade
- 80% water repellent
- Porous fabric provides free airflow, allowing hot air to escape

Tuflex Shade Sail Fabric offers

- Ultimate Sun protection
- High Strength
- Durable

Recommended application

- Car Park Structures
- Tension Structures
- Awnings



Tuflex Shade Sail Fabrics meets International Standards (Australian Standards AS 2001)

Available in Shades: Beige, Terracotta, Deep Blue and Silver Grey.

AVAILABLE IN ATTRACTIVE SHADES MATCHING YOUR COLOUR-SCHEME

