


**XTRA™** is the  
next generation  
in shade cloth

# XTRA™

EXTRA HEAVY DUTY KNITTED SHADECLOTH

*Protecting people  
just like you*



  
**polyfab™**  
**USA**

[www.PolyfabUSA.com](http://www.PolyfabUSA.com)

# XTRA™ EXTRA HEAVY DUTY KNITTED SHADECLOTH

**XTRA™ is the next generation in shade protection, setting new boundaries for functionality and performance.**

Manufactured using premium quality raw materials, **XTRA™** significantly exceeds any other shade cloth on the market for UV protection and strength to weight ratios.

This, combined with a comprehensive color range and a 15-year warranty for peace of mind, makes **XTRA™** the ideal choice for medium to large sized structures, and high tensile commercial projects where safety and longevity are critical.

**XTRA™ is the widest standard shade fabric in the industry - 4 meters wide - which means fewer seams, less labor cost and more structural integrity!**

- ✓ Market leading sun protection
- ✓ Heat Set
- ✓ Width eliminates excessive seams
- ✓ Exceptional strength
- ✓ UV Stabilized
- ✓ 15 year warranty



COLOR	COVER FACTOR	SHADE FACTOR	UVR BLOCK%	CALCULATED UVE%	PROTECTION CATEGORY	SRI*
Navy Blue	99	98.8	99.4	98	Most effective	Not tested
Aquamarine	98	90.8	97.1	97	Most effective	31
Turquoise	98	91.5	97.5	97	Most effective	Not tested
Charcoal	99	99.5	99.7	99	Most effective	Not tested
Smoke	99	98.7	99.6	99	Most effective	Not tested
Monument	99	99.7	99.8	99	Most effective	Not tested
Black	99	99.7	99.8	99	Most effective	1
Midnight Green	99	98.4	99.5	99	Most effective	Not tested
Sage	99	97.5	99.5	99	Most effective	17
Manor Red	99	98.6	99.6	99	Most effective	Not tested
Bronze	98	92.1	98.5	99	Most effective	33
Cappuccino	99	96.7	99.7	99	Most effective	36
Sahara	98	92.7	98.7	98	Most effective	42
Porcelain	99	83.5	98.9	98	Most Effective	87

## Available in:

4 meters/13.1 feet (width) x  
50 meters/55 yards (length)  
straight rolls (not folded).  
- Roll length requires truck shipping.

## Average weight:

400gsm / 12 oz. per square yard

## Ultraviolet Effectiveness (UVE) Classification System

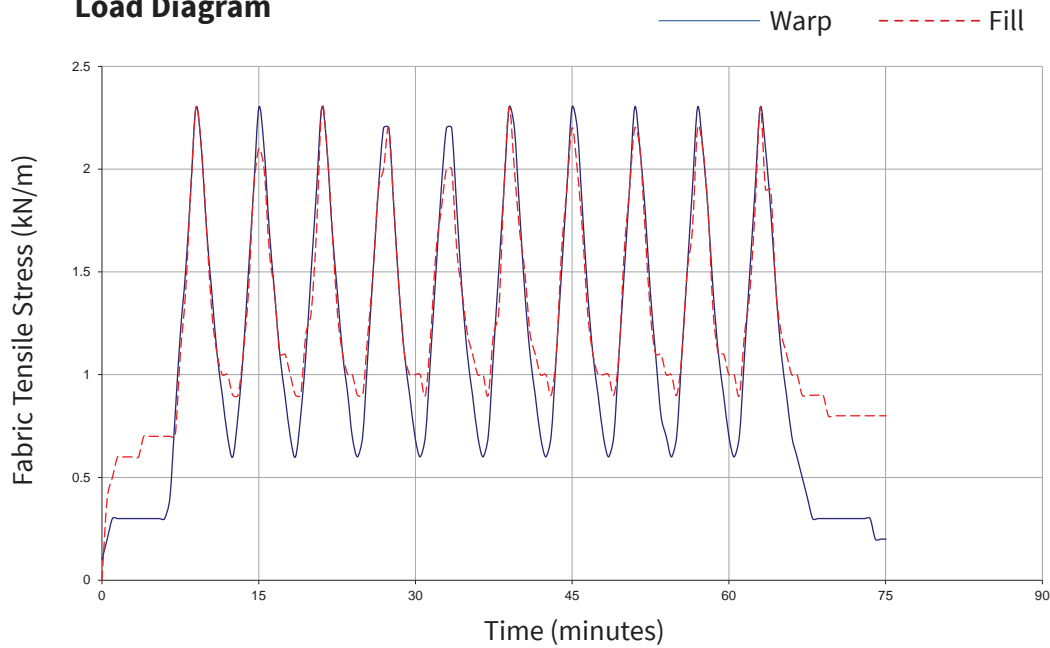
UVE (%)	Protection category
80.0 to 90.9	Effective
91.0 to 94.9	Very effective
95.0+	Most effective

The information in this table represents the results sourced from third party testing authorities, and tolerances may vary by as much as 10%.

\*SRI - Solar Reflectance Index

# Biaxial Stretch Test Report

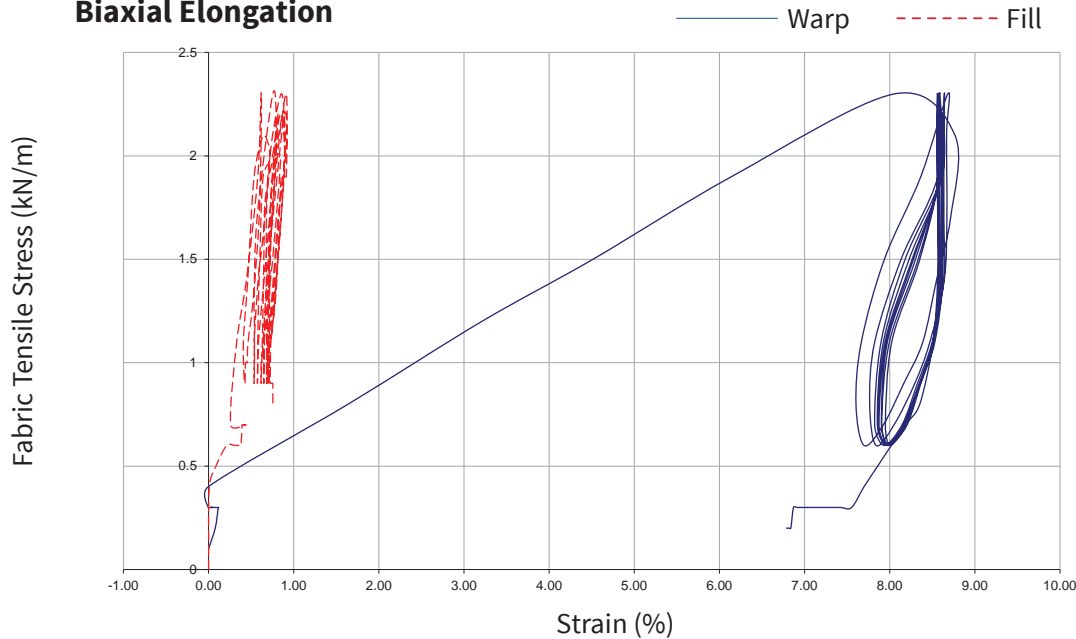
## Load Diagram



### BIAXIAL STRETCH TEST REPORT

<b>Client</b>	Polyfab Australia Pty Ltd
<b>Supplier</b>	Polyfab Australia Pty Ltd
<b>Material</b>	XTRA
<b>Roll No.</b>	N/A
<b>Stress Ratio</b>	1:1
<b>Test Date</b>	19/10/2016

## Biaxial Elongation



### BIAXIAL STRETCH TEST REPORT

<b>Client</b>	Polyfab Australia Pty Ltd
<b>Supplier</b>	Polyfab Australia Pty Ltd
<b>Material</b>	XTRA
<b>Roll No.</b>	N/A
<b>Stress Ratio</b>	1:1
<b>Test Date</b>	19/10/2016

### Technical Specifications

		WARP	WEFT
Breaking Force	N/50mm	1300	2200
Breaking Extension	%	87	59
Tear Resistance (Wing Tear)	N	246	288
Bursting Pressure	Mean kPa	4100	
Bursting Force (Steel Ball)	Mean N	2429	

Finished structures should be properly engineered by a professional engineer and installed by a qualified contractor in accordance with local building codes.



**Fire Standard Compliance:** XTRA™ complies with fire standard: ASTM E-84 (Class II or B rating)





#### Product Disclaimers:

- The Manufacturer reserves the right to alter or modify product specifications and colors without notice, and assumes no obligation or liability for the suitability and use of its products other than those applications intended by the manufacturer.
- Colors shown may not be an exact representation of the actual product.
- Polyfab USA assumes no liability in the event of negligent installation /fabrication or application or choice of cloth.
- During installation, Polyfab shade cloth should not be subject to "pre-stressed" loading in excess of 20%.

- Outdoor fabrics are subject to harsh conditions and degradation over time is to be expected. XTRA™ is supported with a 15 year UV warranty. During this period the fabric will remain serviceable and fit for purpose. Color fading is normal over time. Colors containing red and yellow pigments have a tendency to fade more than others. This is not a loss of strength caused by UV breakdown and is not covered by the product warranty. For more details refer to the supporting Polyfab product warranty.

[www.PolyfabUSA.com](http://www.PolyfabUSA.com)

#### XTRA™ CAN BE PURCHASED FROM: