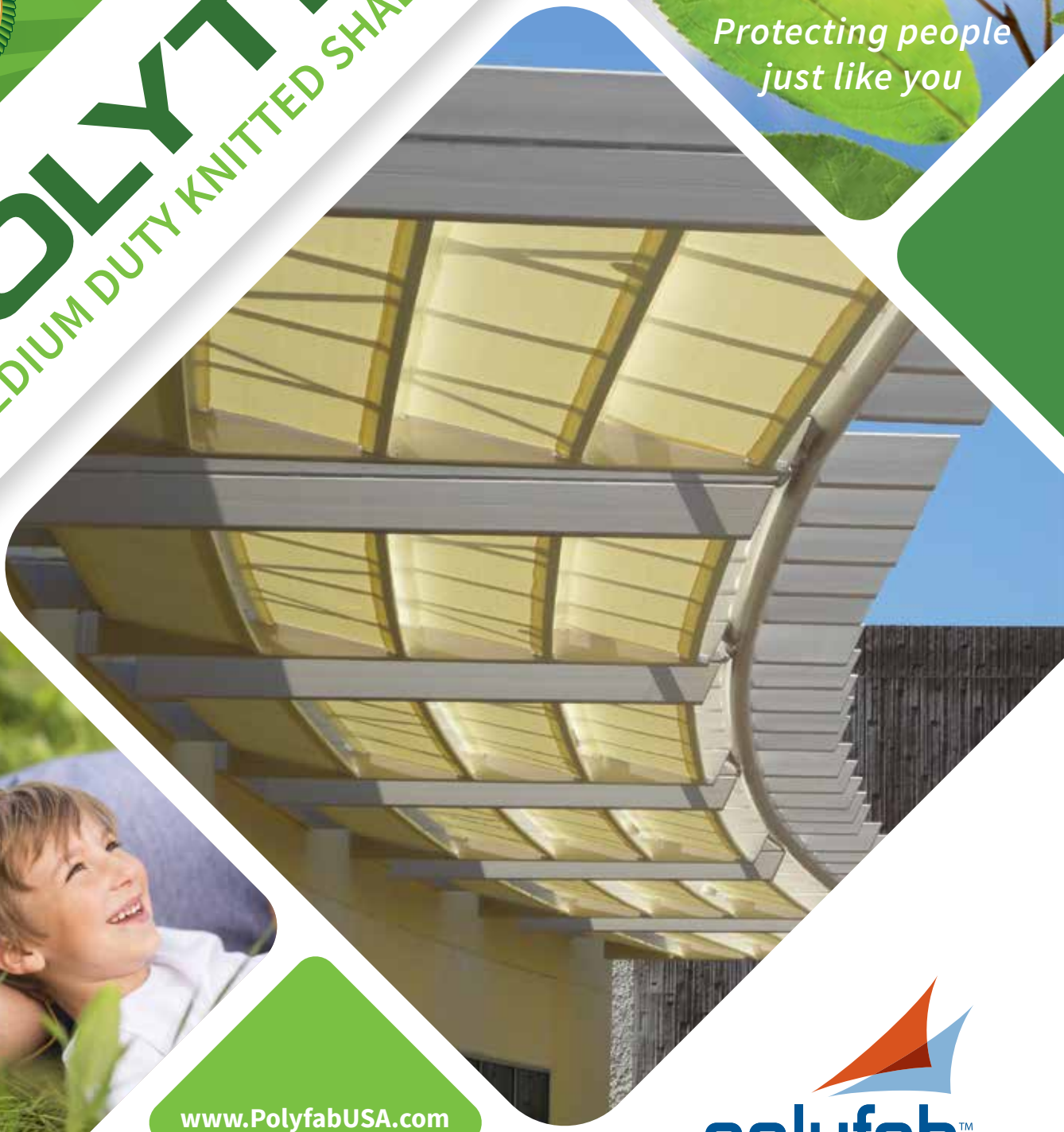
Polytex+™ is a versatile range of shade cloth engineered for small to medium shade structures.

LIMITED WARRANTY 12 year LIMITED WARRANTY

POLYTEX+™

MEDIUM DUTY KNITTED SHADECLOTH



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polyfab™ USA

POLYTEX+ MEDIUM DUTY KNITTED SHADECLOTH

Polytex+™ shadesails are ideal around swimming pools, beach entertainment and barbecue facilities, outdoor leisure and picnic areas. Other applications include playgrounds, preschools, secondary schools, camping grounds, hotels, motels and holiday resorts.

Shadesails made from **Polytex+™** also offer a striking alternative to flat roof timber pergolas and can be designed to accentuate any location, whether it be a home, garden or commercial establishment.

Polytex+™ provides maximum people protection against the sun's heat and strong Ultra Violet (UV) rays and utilizes the best UV stabilizers.

With heat-setting, the knitted fabric has better 'lay-flat'—less curling on the edges. Also, since the heating process takes out some of the shrinkage in the fabric, the stentered fabric will shrink less and have improved dimensional stability.

- High UVR Protection
- UV Stabilized
- Proven Performer
- Width eliminates excessive seams
- Fire Retardant
- Heat Set (NEW)
- New improved pigments*
- New 12 year warranty
- 5 New colors

*The new version of these colors have improved pigments that make them slightly more intense than the original color shades.

COLOR	COVER FACTOR	SHADE FACTOR	UVR BLOCK%	CALCULATED UVE%	PROTECTION CATEGORY	SRI*
1. Manor Red (NEW)	95	92.8	95.3	95	Most effective	Not tested
2. Monument (NEW)	96	95.7	96.3	95	Most effective	Not tested
3. Orange (NEW)	94	83.9	94.7	93	Very effective	61
4. Paperbark (NEW)	94	82.1	93.8	93	Very effective	Not tested
5. Woodland Gray (NEW)	94	91.2	94.1	93	Very effective	Not tested
6. Porcelain	92	73.6	91.2	90	Effective	87
7. Cappuccino	93	87.1	93.8	93	Very effective	36
8. Sandstone	95	87.7	95.3	94	Very effective	52
9. Café Noir	96	95.6	96.4	95	Most effective	Not tested
10. Bronze	94	87.2	94.6	93	Very effective	21
11. Midnight Green	94	91.4	94.0	93	Very effective	Not tested
12. Sage	95	91.7	95.5	94	Very effective	17
13. Silver	88	88.4	88.6	87	Effective	18
14. Black	96	96.6	97.0	96	Most effective	1
15. Slate Gray	95	94.2	95.2	94	Very effective	Not tested
16. Navy Blue	95	93.4	94.8	94	Very effective	Not tested
17. Aquamarine	95	90.6	94.7	94	Very effective	31
18. Red	94	88.2	94.9	95	Most effective	64
19. Lemon	93	72.2	93.7	92	Very effective	79
20. Lime	92	79.2	92.7	92	Very effective	56
21. Grape	90	79.1	90.2	91	Very effective	Not tested
22. White	96	76.2	95.3	95	Most effective	96

SRI - Solar Reflectance Index

Available sizes:

12.5 feet (width) x 33 yards (length) center folded rolls

Average weight:

7 oz. per square yard

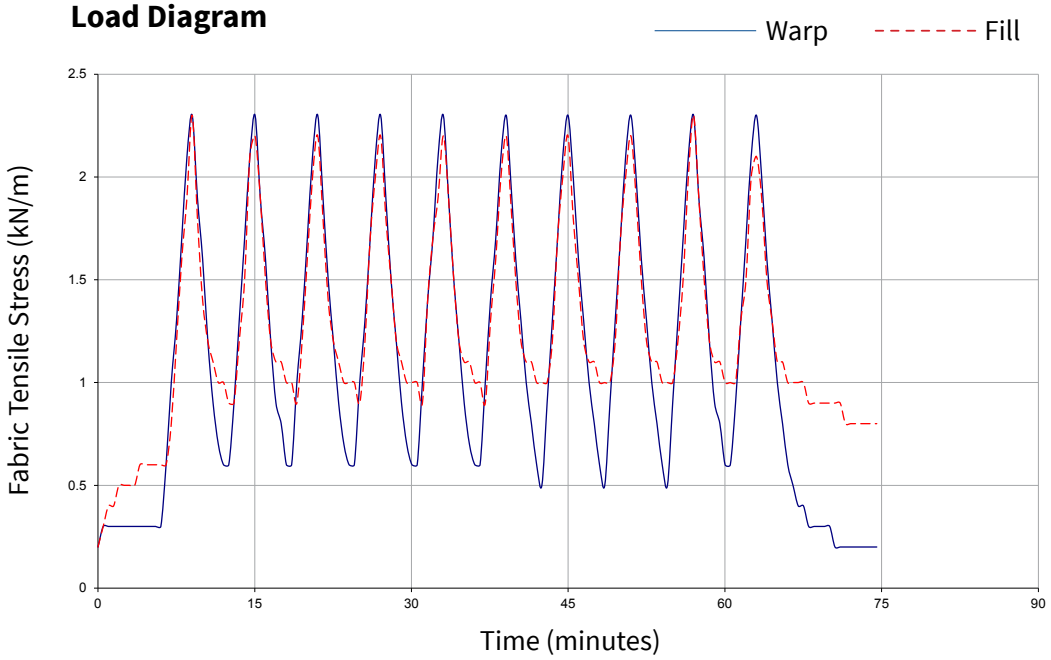
Ultraviolet Effectiveness (UVE) Classification System

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%.

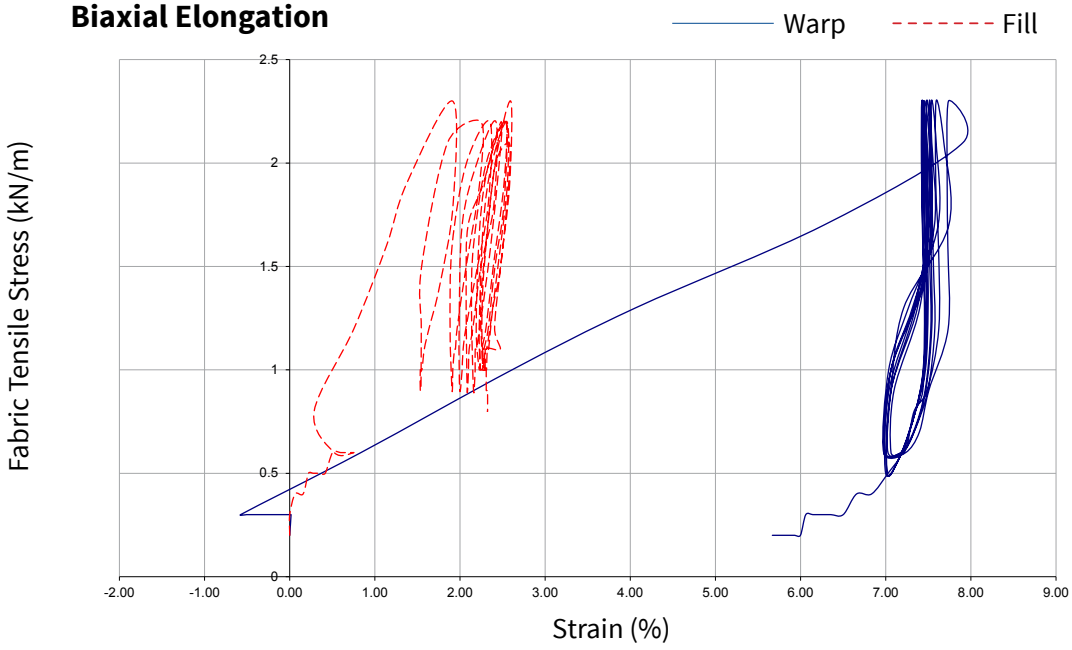
Biaxial Stretch Test Report

Load Diagram



BIAXIAL STRETCH TEST REPORT
Client
Polyfab Australia Pty Ltd
Supplier
Polyfab Australia Pty Ltd
Material
Polytex+
Roll No.
N/A
Stress Ratio
1:1
Test Date
19/10/2016

Biaxial Elongation



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Supplier
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Material
Polytex+
Roll No.
N/A
Stress Ratio
1:1
Test Date
19/10/2016

Technical Specifications		WARP	WEFT
Breaking Force (per ASTM D-5034)	lbs	120	296
Elongation at Break (per ASTM D-5034)	%	75	61
Tearing strength (per ASTM D-2261)	lbs	17	25
Mullen Burst (per ASTM D-3786)	lbs/in	Face	444
Ball Burst (per ASTM D-3787)	lbf	Face	293

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

Meets NFPA®-701

Safe Drinking Water and Toxic Enforcement Act CALIFORNIA PROP 65 COMPLIANT

RECYCLABLE 100% RECYCLABLE

APPROVED BY MELANOMA INTERNATIONAL FOUNDATION

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 shadecloth 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. Polytex+™ is supported with a 12 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.

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POLYTEX+™ CAN BE PURCHASED FROM:

coowhi5051_SEP2021