Comtex+™ is engineered for medium to large shade structures and has a proven history of performance under harsh Australian elements.

LIMITED WARRANTY
12 year
LIMITED WARRANTY

COMTEX+™
HEAVY DUTY KNITTED SHADECLOTH

Protecting people just like you

polyfab™
USA

Comtex+™ is ideal for medium to larger residential and commercial projects that require higher tensile loadings. Its 12.5 feet width helps eliminate seams.

Comtex+™ offers excellent weight to strength ratios.

Comtex+™ comes in an extensive range of 17 designer colors that will compliment any building exterior.

Comtex+™ is made to the highest quality standards and is supported by a 12 year warranty (conditions apply).

Comtex+™ 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
- ✔ 3 New colors

Available in 17 designer colors

Paperbark (NEW)	Monument (NEW)	Smoke (NEW)	Black	Silver
Slate Gray	Navy Blue	Aquamarine	Midnight Green	Sage	Sandstone
Cappuccino	Porcelain	White	Rust*	Red*	Lemon*
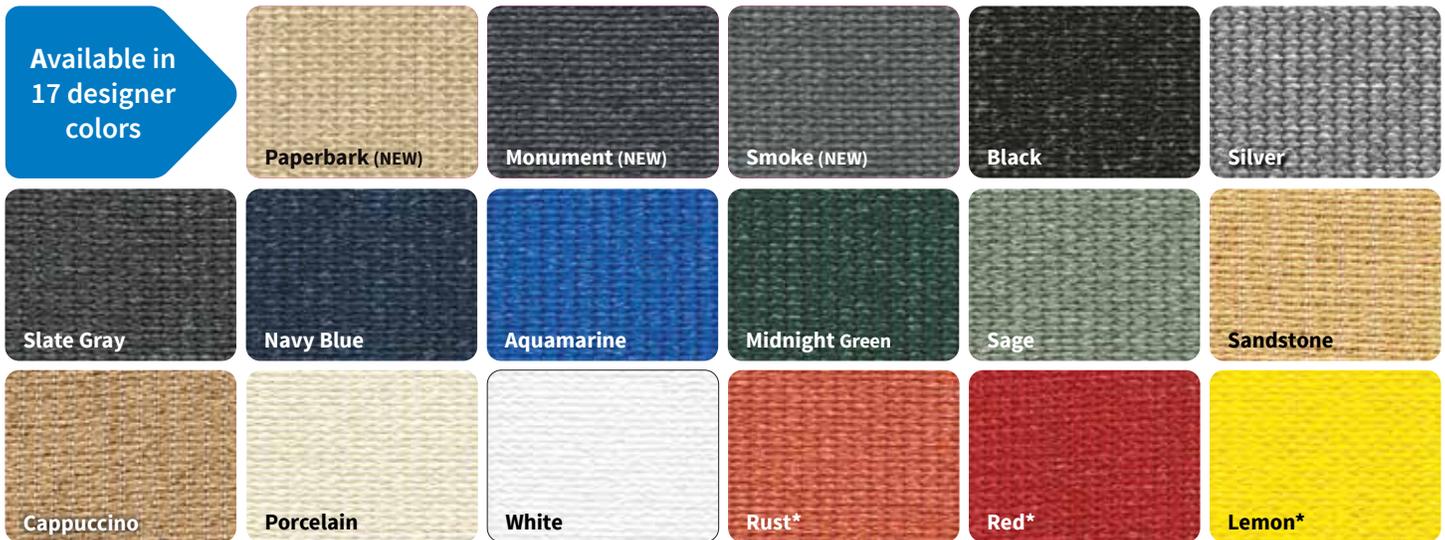
*The new version of these colors have improved pigments that make them slightly more intense than the original color shades.

COLOR	COVER FACTOR	SHADE FACTOR	UVR BLOCK%	CALCULATED UVE%	PROTECTION CATEGORY	SRI
1. Paperbark (NEW)	93	83.4	92.6	92	Very effective	Not tested
2. Monument (NEW)	94	93.8	94.2	93	Very effective	Not tested
3. Smoke (NEW)	92	90.1	92.2	91	Very effective	Not tested
4. Black	95	95.4	95.6	94	Very effective	1
5. Silver	94	94.1	94.2	93	Very effective	18
6. Slate Gray	97	96.7	97.0	96	Most effective	Not tested
7. Navy Blue	97	95.8	97.1	96	Most effective	Not tested
8. Aquamarine	93	85.4	91.7	91	Very effective	31
9. Midnight Green	96	94.4	96.4	95	Most effective	Not tested
10. Sage	96	92.9	96.3	94	Very effective	17
11. Sandstone	96	88.0	96.2	95	Most effective	52
12. Cappuccino	95	89.5	95.6	93	Very effective	36
13. Porcelain	95	79.8	94.6	94	Very effective	87
14. White	96	77.4	96.2	96	Most effective	96
15. Rust	93	87.4	93.3	92	Very effective	33
16. Red	95	89.9	95.6	95	Most effective	64
17. Lemon	94	74.6	94.7	93	Very effective	79

SRI - Solar Reflectance Index

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

Average weight:
10 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
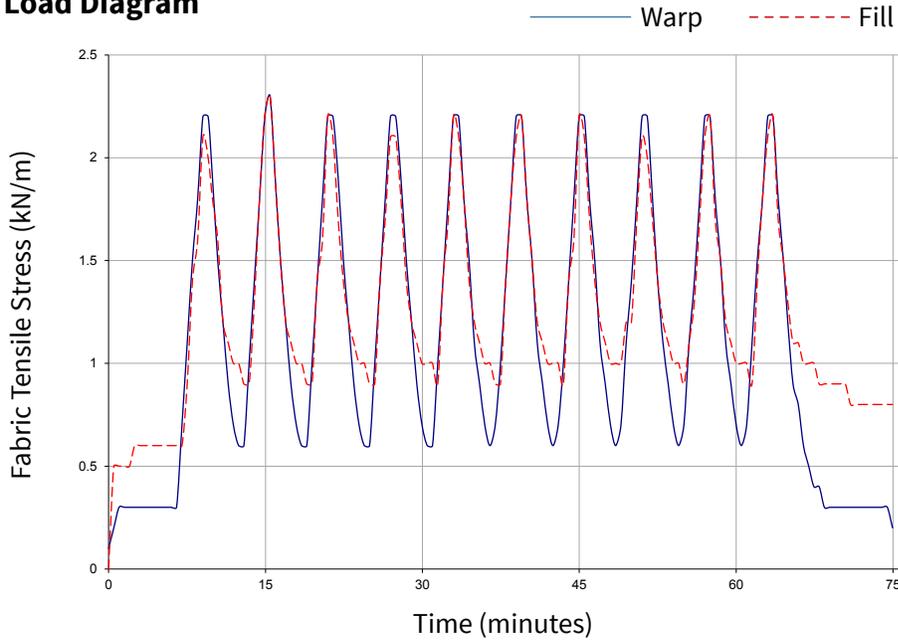
Warp —— Fill ------

Fabric Tensile Stress (kN/m) vs Time (minutes)

BIAXIAL STRETCH TEST REPORT	
Client	Polyfab Australia Pty Ltd
Supplier	Polyfab Australia Pty Ltd
Material	Comtex+
Roll No.	N/A
Stress Ratio	1:1
Test Date	20/10/2016

Biaxial Elongation
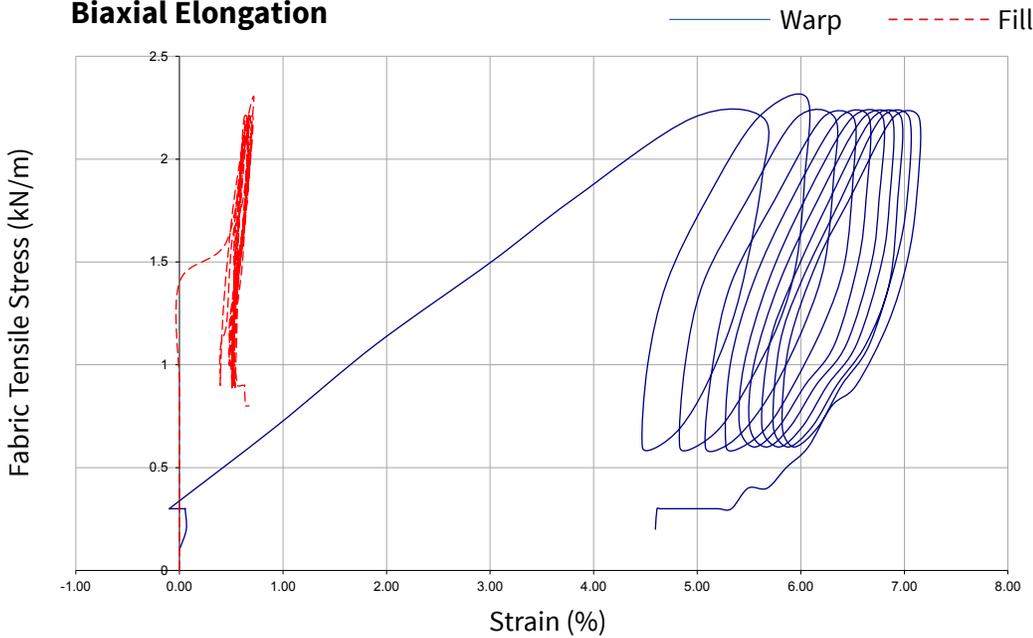
Warp —— Fill ------

Fabric Tensile Stress (kN/m) vs Strain (%)

BIAXIAL STRETCH TEST REPORT	
Client	Polyfab Australia Pty Ltd
Supplier	Polyfab Australia Pty Ltd
Material	Comtex+
Roll No.	N/A
Stress Ratio	1:1
Test Date	20/10/2016

Technical Specifications

Technical Specifications		WARP	WEFT
Breaking Force (per ASTM D-5034)	lbs	342	270
Elongation at Break (per ASTM D-5034)	%	87	96
Tearing strength (per ASTM D-2261)	lbs	41	38
Mullen Burst (per ASTM D-3786)	lbs/in	Face	593
Ball Burst (per ASTM D-3787)	lbf	Face	450+*

*(Remarks: + Exceeds capacity of tester.)

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

PROP 65 COMPLIANT — Safe Drinking Water and Toxic Enforcement Act, California

100% RECYCLABLE

APPROVED BY MELANOMA INTERNATIONAL FOUNDATION
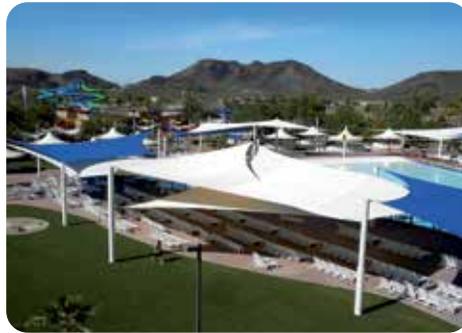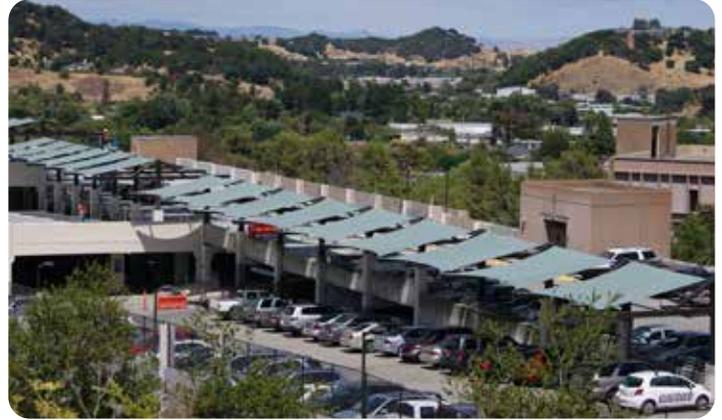
Photo courtesy of GH Bruce LLC

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. Comtex+™ 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.

www.PolyfabUSA.com