

# Polyfx<sup>®</sup>

HEAVY DUTY KNITTED SHADECLOTH



## *Protecting people just like you*

POLYFX<sup>®</sup> is ideal for small to medium sized domestic shadesails and shade structures, and offers maximum ultra violet protection against the harmful UV rays of the sun.



# Polyfx® HEAVY DUTY KNITTED SHADECLOTH



Polyfx® 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 Polyfx® 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.

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

Polyfx® provides maximum people protection against the sun's heat and strong Ultra Violet (UV) rays and utilizes the best UV stabilizers from BASF. It also provides good protection against wind, rain and hail.

Polyfx® has been heat set, making it more stable and easier to cut and sew when fabricating a shadesail. It also has less shrinkage while still retaining its strength and very high UV protection.

Technical Specifications		WARP	WEFT
Breaking Force	N/50mm	570	1850
Breaking Extension	%	55	45
Tear Resistance (Wing Tear)	N	100	160
Bursting Pressure	Mean kPa	2600	
Bursting Force (Steel Ball)	Mean N	1300	

Colors	UVR %	Mean UPF	Shade Factor %	SRI
Grape	91	18	81	NA
Lime	95	26	84	56
Lemon	96	38	78	79
Berry	94	24	85	NA
Orange	94	24	79	61
Porcelain	94	32	73	87
Cappuccino	94	20	86	36
Café Noir	97	35	96	NA
Sandstone	96	20	86	52
Rust	94	24	87	33
Copper	96	30	90	21
Merlot	96	36	94	NA
Aquamarine	93	19	88	31
Navy Blue	97	54	96	NA
Black	96	55	96	1
Slate	95	36	94	NA
Blue Gum	96	26	92	17
Platinum	93	16	92	18
Light Green	96	34	91	35
Midnight Green	94	20	92	NA

SRI - Solar Reflectance Index. NA - results not available at the time of print.

Polyfx® is available in 20 designer colours.



Available in:  
3.80 x 30m centre folded rolls and 3.80m x 50m straight rolls  
**Average weight: 230gsm**

**Product Disclaimers:**

- Polyfab shadecloth is engineered to comply with the Building Code of Australia's general requirements for flammability (FR). Test data available upon request.
- The above information represents the results sourced from third party testing authorities, and tolerances may vary by as much as 10%.
- The Manufacturer reserves the right to alter or modify product specifications and colours without notice, and assumes no obligation or liability for the suitability and use of its products other than those applications intended by the manufacturer.
- Colours shown may not be an exact representation of the actual product.
- Outdoor fabrics are subject to harsh conditions and degradation over time is to be expected. Polyfx® is supported with a 10 year UV warranty. During this period the fabric will remain serviceable and fit for purpose. Colour fading is normal over time. Colours 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.
- Polyfab Australia 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%.



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