

EXTRA HEAVY DUTY KNITTED SHADECLOTH

Polyfx[®]



POLYFX[®] is a quality Extra Heavy Duty Knitted shadecloth made from High Density Polyethylene. It is designed for use in modular shadesails and shade structures.

**NOW
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Now includes
Tropicanna



Polyfx[®] EXTRA 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 ultraviolet rays and utilizes the best UV stabilizers from Ciba Speciality Products. 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 | 607 | 1802 |
| Breaking Extension | % | 76.3 | 53.2 |
| Tear Resistance (Wing Tear) | N | 113 | 168 |
| Bursting Force (Steel Ball) | Mean N | | 1615 |
| Bursting Pressure | Mean kPa | | 2375 |

Polyfx achieves flammability index 1 when tested to AS1530 pt 2

| Colours | UVR% | Mean UPF | Shade Factor (Visual Light) |
|------------------|------|----------|-----------------------------|
| ○ Orange | 94.2 | 24 | 79% |
| ○ Berry | 94.0 | 24 | 85% |
| ○ Yellow | 95.9 | 38 | 78% |
| ○ Grape | 91.3 | 18 | 81% |
| ○ Lime | 94.8 | 26 | 84% |
| ● Porcelain | 94.2 | 32 | 73% |
| ● Cappuccino | 94.3 | 20 | 86% |
| ○ Café Noir | 96.5 | 35 | 96% |
| ○ Sandstone | 95.5 | 20 | 86% |
| ○ Rust | 94.1 | 24 | 87% |
| ○ Copper | 95.5 | 30 | 90% |
| ○ Merlot | 95.8 | 36 | 94% |
| ● Aquamarine | 93.3 | 19 | 88% |
| ● Navy Blue | 96.7 | 54 | 96% |
| ● Black | 96.4 | 55 | 96% |
| ● Slate | 94.9 | 36 | 94% |
| ● Blue Gum | 95.5 | 26 | 92% |
| ○ Platinum | 92.6 | 16 | 92% |
| ○ Light Green | 96.1 | 34 | 91% |
| ● Midnight Green | 93.7 | 20 | 92% |

Manufacturer reserves the right to modify specifications or colors without notice.
All specification tolerances +/- 5%

- Available in: 3.80 x 30m Centre folded rolls
- Also available in: 3.80 x 50m Straight rolls

Average weight: 240gsm



Colour Disclaimer: For technical reasons connected with colour reproduction, the colours shown may not be an exact representation of the actual product.

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