

POLY-FX

380cm WIDE

POLY-FX is ideal for medium to small commercial and domestic shade sails and shade structures, and offers the end user maximum Ultra Violet protection against the strong UV rays of the sun.

POLY-FX is a canopy shade cloth ideal for pool shades and shade sails, gardening shade structures, deck shade and domestic shade sails and general canopies, awnings shade structures.

POLY-FX is available in fourteen (14) fashion colours, and comes with a **ten year warranty** against UV break down.

POLY-FX is available in 3.80 metre widths, which helps in reducing unnecessary joins in the fabric, and makes for a better looking shade sail.

Colour	UVA%	UVB%	Mean UPF	Shade factor %
Midnight Green	92.4	92.3	13	88
Light Green	91.4	92.0	12	74
Aquamarine	89.2	90.8	11	67
Sandstone	93.9	94.3	18	77
Rust	88.0	88.5	9	73
Blue Gum	93.2	93.7	16	82
Porcelain	94.8	95.6	23	76
Slate	95.5	95.7	23	93
Navy Blue	95.7	95.9	25	87
Yellow	94.0	94.2	17	69
Silver	84.5	84.8	7	87
Black	96.9	96.9	33	97
Claret	89.6	91.7	11	80
Bronze	90.4	90.0	10	80
Yellow	94.0	94.2	17	69

10 YEAR U/V WARRANTY



	WARP	WEFT
Breaking force/50mm:	596 N	2040 N
Breaking extension:	86.1 %	56.2 %
Tear resistance:	106 N	186 N
Bursting force:	mean 1657 N	

PLEASE NOTE: POLY-FX IS DESIGNED FOR TENSION SHADE STRUCTURES

COMSHADE

380cm WIDE

COMSHADE is a unique and innovative commercial, heavy duty knitted shade cloth designed for large tension membrane shade structures, where the shade cloth fabric is placed under greater loading strains.

Its strength to weight ratio makes **COMSHADE** ideal for larger commercial shade structure projects, where the shade cloth fabric is exposed to the harsh environmental conditions of wind, rain, hail, dust and UV exposure.

The unique heavy duty knitted construction of the shade cloth offers maximum Ultra Violet A & B protection with very high Ultra Violet Protection Factors.

COMSHADE shade cloth is available in fourteen popular colours, and comes with a **10 year UV warranty**. (conditions apply).

Colour	UVA%	UVB%	Mean UPF	Shade factor %
Midnight Green	95.7	95.5	23	91
Light Green	91.8	91.8	13	79
Aquamarine	90.5	91.3	12	73
Sandstone	92.8	92.9	14	79
Rust	86.3	86.0	7	74
Blue Gum	94.3	94.5	18	88
Porcelain	95.0	95.4	23	78
Slate	96.2	96.1	27	94
Navy Blue	96.3	96.2	27	89
Silver	90.9	90.9	11	95
Black	95.9	95.8	24	97
Claret	94.0	95.0	19	88
Bronze	95.8	95.3	21	89
Yellow	95.3	95.2	21	73

	WARP	WEFT
Breaking force/50mm:	799 N	2147 N
Breaking extension:	83.5%	63.0%
Tear resistance:	172 N	282 N
Bursting force (Steel Ball):	mean 1861 N	
Bursting Pressure:	mean 3000 N	

10 YEAR U/V WARRANTY



PLEASE NOTE: COMSHADE IS DESIGNED FOR TENSION SHADE STRUCTURES



FR COMSHADE



An innovative flame retardant heavy duty knitted shade cloth, **FR COMSHADE** is specifically designed for shade sails and shade structures found in high volume people areas such shopping centres, tourist attractions, parks, restaurants and schools.

With its world recognised flame retardant properties, **FR COMSHADE** is the only logical choice for shade structures and shade sails in public areas subject to stringent building/safety regulations.

Using the very latest in new generation flame retardant additives that are compatible with the UV stabilizers, **FR COMSHADE** offers 95% and over UV protection.

Flame Retardant and tough.

FR COMSHADE is an innovative flame retardant heavy duty knitted shade cloth that is the result of over two years of intense scientific research.

Polyfab Australia uses new-generation technology that enables flame resistant additives to work with ultraviolet stabilisers to ensure maximum flame resistance while still offering long-term UV protection, something that was previously not possible.

This is the first truly flame retardant UV stable shade cloth available in Australia.

Australian Testing		
Complies with AS 1530.2.1993		
Flammability index:	2	Range 0 - 100
Spread of flame:	1	Range 0 - 40
Heat factor:	1	Range 0 - upwards

USA Standards	
California Fire Marshal Title 19: Section 1237	
ASTME 84 Class 1 Rating	
NFPA 701 - 1999 Test Methods 1 and 2	

	WARP	WEFT
Breaking force/50mm:	524 N	2062 N
Breaking extension:	77%	47%
Tear resistance:	108 N	203 N
Bursting force:	mean 1579 N	

Colour	UVA	UVB	Mean UPF	Shade factor
Porcelain	94.5%	94.7%	19	77%
Sandstone	95.0%	95.3%	22	81%
Aquamarine	94.5%	95.0%	20	80%
Blue gum	95.2%	95.5%	22	90%
Midnight green	94.95%	95.2%	23	93%



PLEASE NOTE: COMSHADE F/R IS DESIGNED FOR TENSION SHADE STRUCTURES