

MONOTEC 370

SHADE FABRIC

THE STRONGEST
SHADE FABRIC ON
THE MARKET

Pacific
Shade Sails

FABRIC SPECIFICATIONS

MONOTEC **370**

Shade Factor % (SF depends on colour - see below for details)	70.9 - 88.4
UVR Block %	84.1 - 88.5
Av PAR Transmittance	70.9 - 88.4
Roll Width	6.5m & 3.25m
The strongest shade mesh on the market	



SF=83.2 %



SF=70.9%



SF=72.5 %



SF=87.0%



SF=82.6 %



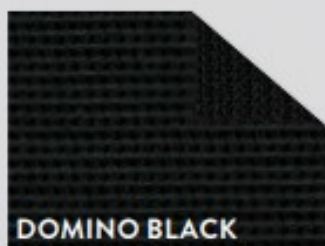
SF=83.1 %



SF=86.9 %



SF=86.1 %



SF=88.4 %



SF=84.3 %



SF=79.4%



SF=83.6 %



SF=84.7 %



SF=74.7 %



SF=82.8 %

Colors in Red boxes are
NOT
CA FR approved

FEATURES



Introducing the strongest shade mesh on the market! Monotec 370 has been specifically developed for ultimate sun protection and longevity. This means your shade structure maintains its usefulness and remains looking great for years longer than those made with other fabrics. Also, as the widest shade cloth available, your Monotec 370 sail or structure is more aesthetically pleasing due to the reduction of unattractive seams.

Developed in Australia, Monotec 370 is 100% Australian owned and made. Manufactured using only the highest quality raw materials, you can be assured that the fabric is engineered to outlast other products. Monotec 370 can be used in virtually any situation where high UV protection is required. When you need top tier sun protection, look no further than Monotec 370.

- ✓ Premium grade fabric – the strongest shade mesh available
- ✓ Ideal for larger sails and structures
- ✓ Up to 90% shade offered
- ✓ 15 year warranty – best in the industry!
- ✓ Stain, dirt and grime resistant
- ✓ Extra wide fabric (6.5m) so seams in sails are kept to a minimum
- ✓ Available in 15 designer colours
- ✓ Eco-friendly - 100% recyclable

MONOTEC 370 Series is supported by a 15 Year Under Tension Warranty.



ENGINEERING SPECIFICATIONS



Breaking Force Warp (AS2002.3.1-2001)	1433N/50mm
Breaking Force Weft (AS2002.3.1-2001)	2210N/50mm
Elongation at Break Warp	97.9%
Elongation at Break Weft	73.5%
Bursting Pressure (AS 2001.2.4-16990)	4750kPa
Bursting Force (AS 2001.2.19-1988 Mean)	3011N

MONOTEC 370 FR

SHADE FABRIC

All Colors are CA FR Approved

STRONGEST FR
SHADECLOTH ON
THE MARKET

Pacific
Shade Sails

FABRIC SPECIFICATIONS

MONOTEC 370 FR

Shade Factor % (SF depends on colour - see below for details)		70.9 - 88.4
UVR Block %		84.7 - 88.5
Av PAR Transmittance		1.7 - 29.5
Roll Width		3.25m
FRAS1530.2	Flammability 1, Spread factor 0, Heat factor 1	
FR AS1530.3	Ignitability 12, Spread of flame 8, Heat evolved 7, Smoke developed 7	
CSFM	Complies with California State Marshal requirements, Titled 19, Section 1237.1 (1993)	
NFPA	Passed NFPA 701, After-flame 0.0s, Drip burn 0.0s	

All Colors are CA FR Approved



SF=83.2%



SF=70.9%



SF=72.5%



SF=87.0%



SF=82.6%



SF=86.9%



SF=86.1%



SF=88.4%

FIRE RETARDANT

FR signifies this product is Flame Retardant. Shadetex Sails is proud to introduce the Monotec 370 Series FR, a flame retardant, heavy-duty commercial grade knitted shade cloth. As with all Monotec fabrics, the 370 FR Series shade cloth is manufactured using only the highest quality FR additives and UV stabilised HDPE to ensure a superior product. With its unique knit construction and 100% round monofilament yarn, Monotec 370 Series FR is the strongest Flame Retardant shade cloth on the market!

Engineered to pass the industry's most stringent Fire Retardancy tests including California State Fire Marshall Title 19, NFPA 701 and Class A Rating for ASTM E84.



EXTRABLOCK 330

SHADE FABRIC

EYE CATCHING
COLOURS AND FR
RATED OUTDOOR
SHADE

Pacific
Shade Sails

FABRIC SPECIFICATIONS

EXTRABLOCK 330

Shade Factor % (SF depends on colour - see below for details)	81 - 97
UVR Block %	96 - 98
UPF (UV Protection Factor)	21 - 41
Roll Width	3.0m
FRAS1530.2	Flammability 1, Spread Factor 0, Heat Factor 1
FR AS1530.3	Ignitability 13, Spread of Flame 7, Heat Evolved 2, Smoke 5
CSFM	Complies with California State Marshals requirements, Title 19, Section 1237



Cream, Beige, Yellow and Red are not FR. Colours shown indicative only.

FEATURES



The EXTRABLOCK range of knitted shade fabric has been specifically designed for use in tension structures and shade sails, but performs equally well when used on carpark structures, awnings and umbrellas.

EXTRABLOCK is one of the worlds best FR rated shade cloths. It meets the California State Fire Marshall test for title 19. This is widely recognised as the most difficult FR test to meet and EXTRABLOCK gets a new certificate every year!

EXTRABLOCK is a very dimensionally stable shade cloth with very similar biaxial strengths and extensions in both directions.

EXTRABLOCK has a 12 year warranty against UV breakdown. Peace of mind for you and your clients.

- ✓ High Strength fabric
- ✓ Controlled Elongation
- ✓ Maximum protection with up to 98% shade
- ✓ Excellent Dimensional Stability
- ✓ 12 Year Warranty
- ✓ Fire retardancy rated
- ✓ Heat set (stentered)
- ✓ Will not rot or support the development of mould and mildew
- ✓ Breathable, allowing air circulation for cooling



ENGINEERING SPECIFICATIONS



Breaking Force Warp (AS2001.2.3.2-2001 Grab Method)	979N
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Breaking Force Weft (AS2002.3.1-2001)	1228N
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Elongation at Break Warp	67%
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Elongation at Break Weft	57%
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Bursting Strength (AS 2001.2.4-1990)	3000kPa
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Tear Resistance Warp (AS2001.2.10-1986)	157N
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Tear Resistance Weft (AS2001.2.10-1986)	170N
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SHADETEC 320®

SHADE FABRIC

Not CA FR Approved



ADD LIFE AND
SUPERB STYLE TO ANY
OUTDOOR AREA FOR
EXCELLENT VALUE



Pacific
Shade Sails

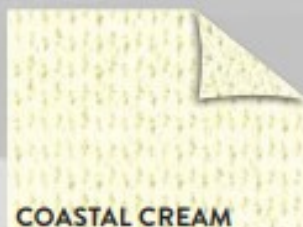
FABRIC SPECIFICATIONS

SHADETEC 320®

Shade Factor % (SF depends on colour - see below for details)	75-97 %
UVR Block %	91-95 %
Roll Width	3.7m
Roll Length	50m
Heat set to increase dimensional stability and consistency	
Abrasion resistant yarn	



SF=75%



SF=77%



SF=87%



SF=94%



SF=95%



SF=93%



SF=96%



SF=92%



SF=80%



SF=97%



SF=91%



SF=95%



SF=91%

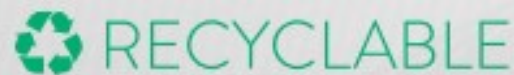


SF=90%



Colours shown indicative only.

FEATURES



Shadetec 320® is a commercial grade shade cloth fabric manufactured from High Density Polyethylene (HDPE) monofilament and tape filament. All filament (or yarn) is lockstitch knitted together providing a very high strength fabric. Shadetec 320® is then heat set, which improves dimensional stability and consistency and ensures that the mesh will lie flat during fabrication.

Shadetec 320® is ideal for small to medium size applications where a premium grade shade fabric is required. Each colour in the range consists of single colour filaments, which provides consistent colour tone and texture throughout the entire roll.

Shadetec 320® not only offers a very high level of UV protection with 91% - 95% block, but is made from UV stabilised materials, ensuring that the fabric of your shade sails will continue to perform even after years of exposure to the elements. The super tough abrasion resistant yarn means excellent durability and longevity with great resistance to grime, mildew and dirt.

- ✓ High strength fabric
- ✓ Ideal for smaller residential shade sails
- ✓ Up to 97% shade offered
- ✓ 13 year warranty
- ✓ Stain, dirt and grime resistant
- ✓ Available in 14 colours
- ✓ Single colour filaments ensure consistent colour tone
- ✓ Eco-friendly - 100% recyclable

SHADETEC 320® fabric is covered with a 13 year UV warranty.



ENGINEERING SPECIFICATIONS



Breaking Force Warp (AS 2001.2.3.2-2001 Grab Method)	1224N
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Breaking Force Weft (AS 2001.2.3.2-2001 Grab Method)	1601N
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Elongation at Break Warp	94%
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Elongation at Break Weft	50%
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Bursting Force (AS 2001.2.4 Ball Bursting Method)	1973N
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Tear Strength Warp (AS 2001.2.10.C.R.E, Wing rip Tear Method)	195N
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Tear Strength Weft (AS 2001.2.10.C.R.E, Wing rip Tear Method)	247N
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