

MONOTEC 370 Series



Australian Standards Performance Requirements

Monotec 370 Series exceeds all Australian Standards performance requirements making it the highest performing shade cloth worldwide!

Test	Australian Standard – AS 4147-1994	Monotec 370 Series Result	Performance
AS 2001.2.4	Bursting Pressure – Not less than 1000kPa	4750kPa	Market leader!
AS 2001.2.19	Bursting Force – Not less than 400N	3011N	Market leader!
AS 2002.3.1	Breaking Force / Tensile Strength Warp	1433N / 50mm	Market leader!
AS 2002.3.1	Breaking Force / Tensile Strength Weft	2210N / 50mm	Market leader!

Council Support

Due to superior performance, many Australian Councils are already specifying that Monotec 370 be used on their public venues and projects. More and more councils are replacing existing structures with Monotec 370 while also installing new shade sails and structures in additional council spaces.

Industry Recognition

Monotec 370 Series was the fabric of choice for multiple award winning entries in the Specialised Textiles Association and international IFAT Awards. We thank our customers for combining Monotec 370 Series, the highest quality shade cloth with their high quality, industry recognised workmanship.



Made In Australia

Developed in Australia by Pro-Knit Industries, Monotec 370 Series is 100% Australian owned and is the only commercial shade cloth made in Australia.

15 year
WARRANTY

Monotec 370 Series is supported by a 15 year manufacturer's warranty.

10 year
WARRANTY

Monotec 370 Series FR is supported by a 10 year manufacturer's Warranty.

Further warranty information is available by request.

AVAILABLE FROM:

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Proudly manufactured in Australia by:



Proudly distributed Australia wide by:

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100% Australian made and owned



superior in strength and performance



NEW
15
YEAR
WARRANTY

MONOTEC 370 Series



Monotec 370 Series is the **strongest commercial shadecloth** on the market.

The perfect shading solution for shade sails and structures, **Monotec 370** is designed to protect people and property from the harsh Australian climate.

Developed in Australia, **Monotec 370** is 100% Australian made and owned. Using only the highest quality raw materials, **Monotec 370** will outlast other shade fabrics.

Monotec 370 is manufactured using **only 100% round monofilament yarns**. Round yarn is used as it is far stronger than tape yarns which continue to stretch after installation. Most other commercial shadecloth products have over 70% of the fabric constructed using tape yarns. Tape yarns ARE weaker! **Monotec 370 Series** is more durable and stable and is the **strongest** shadecloth in the market today!

By using Monotec 370 on shade sails and structures, you will achieve the following excellent results:

- Sails and structures that **will not stretch & loosen** in high wind areas
- Install and forget! **No need to re-tension** sails and structures
- Sails and structures that are **almost impossible to damage** by vandals
- **Cleaner** sails and structures **due to round profile yarn**.

FEATURES

3.25 metre and 6.5 metre widths

14 cool colours

5 fire retardant colours

Manufactured using 100% round monofilament yarn

Install and forget – NO retensioning



COLOURS



DESIGNER COLLECTION



MONOTEC 370 Series



Tensioning Monotec Fabrics

Developed as an "install and forget" shadecloth, **Monotec 370** has increased stability and a greater resistance to high winds. The unique construction using only 100% round monofilament yarns means **Monotec 370** is stronger than all other shadecloth types. Due to the positive memory in round monofilament yarn, when installed correctly there will be no need for installers to return to re-tension the fabric, therefore ensuring there are minimal ongoing costs to maintain sails and structures made using **Monotec 370** shadecloth.

Vandalism

Monotec 370 is resistant to vandalism. The close knit construction makes it nearly impossible for vandals to push damaging objects such as sticks and screwdrivers through the fabric. If by chance an object does penetrate the fabric, it is almost impossible for vandals to tear the cloth due to its lock stitch construction. The 100% round monofilament yarns will not tear along tape lines as other products do.

Maintenance Free

Monotec 370 is resistant to dirt and mould. Shadeclths can become dirty or mouldy if dust and leaf matter are trapped between the layers of tape. Since **Monotec 370** is made with only 100% round monofilament yarns (no tape yarns), the round yarn allows dirt and debris to fall away from the fabric rather than accumulating on the surface. Surplus dirt will be washed away with wind or rain.

UV

While many shade fabrics are sold on their UV or UPF ratings, indirect UVR must be taken into account. Indirect UVR is reflected off surface materials such as water, concrete, grass and sand. UVR will come from any direction. For this reason UV ratings should be used as a guide and not be the only prerequisite when selecting a shade fabric. UPF ratings under AS 4399 have no bearing on the ability of a shadecloth to perform as these ratings are designed for clothing and items sitting very close to the skin. As such they are irrelevant when assessing the merits of shadecloth.

From a UV protection standpoint it is more important for a shade structure to have a permanent shape and design to allow for consistent protection from the elements. Shadecloth products that stretch and sag over time will not provide this protection. **Monotec 370** provides aesthetic beauty coupled with robust performance that invites people to enjoy their time outdoors in comfort while acting as an excellent shield against the sun.

Fire Retardant

There is an increasing requirement for fire retardant fabrics and materials to be used in public venues. In situations where this is a requirement, **Monotec 370 Series FR is the perfect solution!** For a fire retardant shadecloth to be effective it must self extinguish once the ignition source is removed and **Monotec 370 Series FR** does just that! Using only the highest quality FR additives, **Monotec 370 Series FR** offers superior fire retardant properties and has been tested to pass the most stringent standards in the world: AS 1530.2 – 1993 Flammability of Materials and AS 1530.3 – 1999 Regulatory Indices. NFPA 701, ASTM E84 Class A and CSFM Title 19, 1237.1 (1993).



FR COLOURS



APPLICATIONS

Monotec 370 is designed for many applications including:

- Shade structures
- Shade sails
- Children's Playground Areas
- School Outdoor Areas
- Swimming Pool Canopies
- Outdoor Recreation Areas
- Truck Tarpaulins
- Umbrellas
- Car Ports/Car Parks
- Council Parks

