

TECHNICAL PROPERTIES



ANTI MICROBIAL

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Antimicrobial fibers protect textiles by inhibiting the growth of microbes in or on the fabric. The bacteria disappear and the sense of well-being remains. In addition, the formation of unpleasant odors is reduced, even when materials are subjected to hard wear. This means that textiles still have a pleasant and fresh smell after use.



0038/13
MED CERTIFIED
IMO
CERTIFICATION

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International Maritime Organisation IMO Res. A 471(XII) as amended by Res. A. 563 (14) FTP Code Part 7 MSC 6 (67) & International Maritime Organisation IMO Res. A 652 (16) FTP Code Part 8 MSC 61 (67). [For further information click here](#)



ISO
14000

ISO 14000

The ISO 14000 family addresses various aspects of environmental management. ISO 14001:2004 & ISO 14004:2004 focus on environmental management systems. The other standards in the family focus on specific environmental aspects such as life cycle analysis, communication & auditing. [For further information click here.](#)



OEKO-TEX® 100

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Oeko-Tex certified fabrics are environmentally safe and not harmful to human health. They are fully tested and certified under the Oeko-Tex Standard 100. This means fabrics contain no prohibited or regulated substances, or chemicals known to be harmful to humans. These fabrics meet current environmental standards throughout their entire production cycle and they are fully recyclable.



OUTDOOR UV FADE
RESISTANT UV PRO

OUTDOOR UV FADE RESISTANT UV PRO

UV Pro fabrics are engineered to last years without losing their unique properties. UV Pro fabrics are; Colour fast: they do not fade from the sun's damaging UV rays (solution dyed acrylic). They are durable: they are resistant to heavy use. Water and stain repellent/mildew-resistant. Anti-weathering; colour fast to chlorine water & colour fast to salty water (sea water).



WATER REPELLENT

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Fabric that resists surface wetting, water penetration and water absorption but allows the passage of air and water vapor.



TREVIRA CS

FIRE RETARDANT FABRICS

TREVIRA CS

Trevira checks all Trevira CS fabrics for their flame retardancy. This means that users can always be sure they are dealing with fabrics that conform to the important Regulations on fire safety worldwide.



INHERENT
FR ONE

INHERENT FR ONE

The inherently flame retardant nature of all FR-One fabric fibers is conserved within its molecular structure. This means that the flame retardant characteristics of the fiber, yarn and fabric is permanent throughout the lifetime of the product. No further treatments are required. In order to preserve the inherent flame retardant characteristics of the FR-One fabric, it is imperative to refuse any additional treatments or finishes as it may affect or alter the fabric's inherent



TESTED FOR
AS/NZ 1530

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Australian-New Zealand AS 1530 Part 2 Principle This test is suitable for materials that don't melt or shrink.

Test Method The test specimen is mounted on a vertical support frame. A small denatured alcohol flame is used as an ignition source. Either the highest reach point of the flame during the test, or the time for the flame to reach a marked point is determined. The speed factor, spread factor, heat factor and flammability index are calculated.

Result Based on the flammability index, the material passes or fails the requirements.

Australian-New Zealand AS 1530 Part 3 Principle Ignitability, flame propagation, heat release and smoke release are determined simultaneously by means of a vertical heat source.

Test Method A test specimen is mounted vertically and brought in front of a heat source, which is a vertical gas-fired ceramic panel. At definite intervals the specimen is moved closer to the heat source in a series of graded steps until ignition occurs. During the exposure of the specimen a small gas pilot flame is held in front of the specimen to ignite gasses given off but not the surface of the specimen. The ignitability index (~the mean time to ignite), the spread of flame index, the heat evolved index and the smoke developed index are calculated.

Result Based on the calculated values the test material passes or fails the test.



TESTED FOR
AS/NZ 3837

TESTED FOR AS/NZ 3837

Australian-New Zealand AS 3837:1988 Method of test for heat and smoke release rates for materials and products using an oxygen consumption calorimeter.

FIRE RETARDANT WALLPAPERS & WALLPANELING