

A close-up photograph of a blue, textured fabric, likely architectural shade fabric, showing its intricate weave and a metal fastener or hook mechanism. The fabric is draped, creating soft folds and shadows that emphasize its texture. The metal fastener is a dark, polished metal, possibly stainless steel, with a circular opening and a hook-like shape. The background is dark, making the blue fabric and the metallic sheen stand out.

Commercial[™] HEAVY 430

The newest addition to GALE Pacific's Architectural Shade Fabric range. With unparalleled biaxial stability it sets the new benchmark in architectural shade fabric. Engineered in Australia specifically for large span shade structures. With unparalleled biaxial strength and load carrying capacity it retains its shape and structural reliability over time. The fabric is designed to be long lasting under extreme Australian conditions. In fact, we're so confident in the durability of our new fabric, it comes with a full 15 year warranty against UV degradation.

Applications

- Outdoor recreation areas
- Sporting venues
- Car parks



MATERIAL

Yarn	UV stabilised HDPE
Construction	100% Monofilament
Pattern	Lock-stitch knitted
Temperature range	-30°C to +75°C

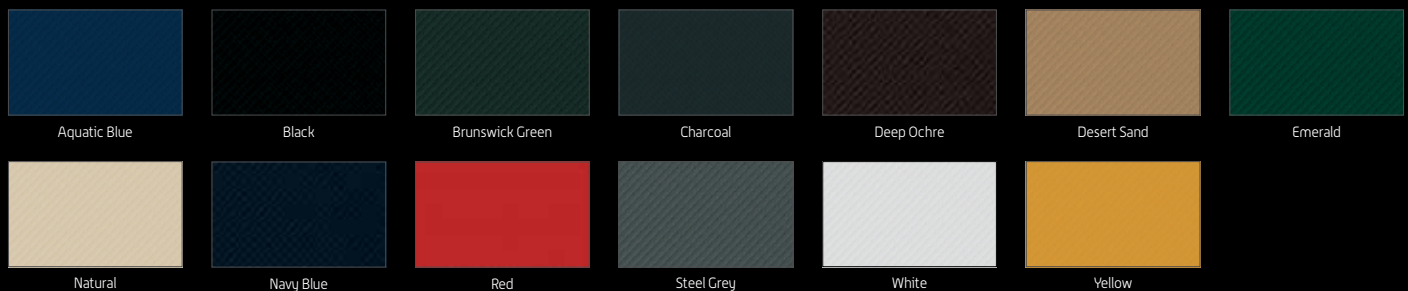
BENEFITS

- Provides UV block up to 94%, reducing sun exposure.
- 15 year warranty against UV degradation providing peace of mind.
- Made from strong HDPE 100% recyclable fabric that won't rot or absorb moisture.
- Stentered (heat-set) virtually eliminates any possibility of shrinking once installed and provides ease of fabrication.
- 100% Lead and Phthalate free for a healthier environment.
- Greenguard® and Oeko-Tex® certified gives confidence in operational quality assurance.
- Engineered in Australia to meet the harsh climate conditions.

PROPERTIES

Nominal fabric mass (AS 2001.2.13)	430gsm ± 20
Approximate thickness	1.6 mm
Nominal Width	3.00 m unfolded
Length	40 m

COLOURS



Colour	Code	Cover Factor	Shade Factor	Av % Trans	Av. UVR Trans	Av. PAR Trans	% UVR Block	PF Rating
Aquatic Blue	484323	91.2%	89.7	10.3%	8.9%	11.0%	91.1%	11.6
Black	484422	94.3%	94.3	5.7%	5.7%	5.7%	94.3%	17.6
Brunswick Green	484361	92.5%	92.4	7.6%	7.6%	7.5%	92.4%	13.5
Charcoal	484460	90.4%	90.4	9.6%	9.6%	9.6%	90.4%	10.7
Deep Ochre	484385	92.9%	92.6	7.4%	7.1%	7.3%	92.9%	14.5
Desert Sand	484309	93.0%	87.1	12.9%	7.1%	13.4%	92.9%	14.7
Emerald	485887	90.3%	88.8	11.2%	9.8%	11.0%	90.2%	10.3
Natural	484347	92.3%	79.1	20.9%	7.9%	23.2%	92.1%	14.4
Navy Blue	484446	90.8%	90.3	9.7%	9.3%	9.9%	90.7%	10.9
Red	484484	91.4%	80.8	19.2%	8.7%	17.3%	91.3%	11.5
Steel Grey	484408	90.1%	89.2	10.8%	9.9%	10.9%	90.1%	10.3
White^	485863^	90.6%	72.9	27.1%	9.7%	31.2%	90.3%	10.6
Yellow	485849	91.2%	76.3	23.7%	8.8%	24.9%	91.2%	11.8

^ = Available in made to order only, contact your GALE Pacific representative for lead time information.

Disclaimer:

The above results are typical averages from independent testing and quality assurance testing, they are not to be taken as a minimum specification nor as forming any contract between GALE Pacific and another party. Due to continuous product improvement product specifications are subject to alteration without notice. As the use and disposal of this product are beyond GALE Pacific's control, regardless of any assistance provided without charge, GALE Pacific assumes no obligation or liability for the suitability of its products in any specific end use application. It is the customer's responsibility to determine whether GALE Pacific's products are appropriate for the specific application and complies with any legal & patent regulations. The calculated protection factor is for the material only and does not account for the effect of indirect UVR when situated at a distance from the persons being protected.

PERFORMANCE

Tensile Strength - Warp	2000 N/50mm
Tensile Strength - Weft (AS 2001.2.3.2)	1700 N/50mm
Wing Tear - Warp (mean)	321 N
Wing Tear - Weft (mean) (AS 2001.2.10)	253 N
Bursting Force (mean) (AS 2001.2.19)	2130 N

FLAMMABILITY INDEX

Flammability Index (range 0-100) (AS 1530.2)	34
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USAGE INSTRUCTIONS

- Do not use against flames.
- Contact with organic solvents, halogens or highly acidic substances may reduce the service life of the fabric and void the warranty.
- Biaxial elastic material properties available on request.

SUGGESTED SPECIFICATION

Shade cloth fabric shall be compliant to Australian standard AS 4174 and shall be **GALE Commercial Heavy 430** knitted with HDPE monofilament offering a UV block up to 94%.