

Commercial Heavy 430



Commercial Heavy 430FR



Architectural Shade Fabric specifically engineered to withstand extreme weather conditions on large scale tension structures

Made from 100% round monofilament HDPE yarn and featuring a patented intertwining knit pattern, **Commercial Heavy 430** features superior biaxial and load bearing performance for optimum shade and tensioning endurance.

Commercial Heavy 430 offers up to 87.9% UVR Block protection and is available in 16 popular colours, making it easier than ever to complement existing design elements and colour schemes.



Desert Sand
484309
492878



Black
484422
492922



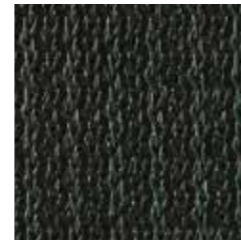
Charcoal
484460
492908



Steel Grey
484408
492854



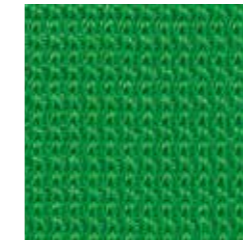
White
485863
492847



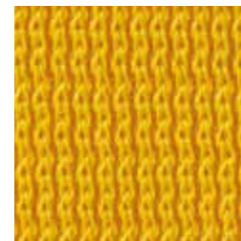
Brunswick Green
484361
492915



Emerald
485887
492946



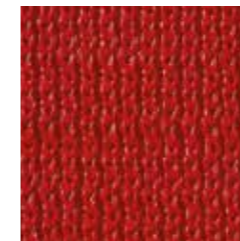
Bright Green
492779
492960



Yellow
485849
492830



Deep Ochre
484385
492885



Red
484484
492892



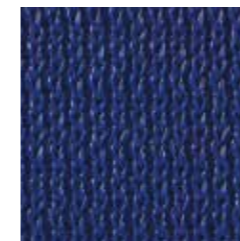
Orange
492786
492977



Natural
484347
492939



Navy Blue
484446
492861



Aquatic Blue
484323
492953



Royal Purple
492793
492984

Durability and FR compliance are now combined to create premium fabrics providing maximum performance.

GALE Pacific offers the **WIDEST RANGE of FLAME RETARDANT** knitted fabrics globally.

Our FR fabrics meet the most stringent Fire Standards for shade fabrics including CSFM 1237.1 & NFPA 701 across all colour variants with fabrics that offer optimum biaxial stability and tensile properties, for minimal maintenance and improved fabric life.



Patented intertwining knit pattern resulting in superior biaxial performance

100% round monofilament HDPE yarn for optimal structural stability

Uniform balance across the warp and weft for easy fabrication and minimal maintenance

Stentered (heat set) for prevention of shrinking and ease of fabrication

Commercial Heavy 430

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Engineered to withstand extreme weather conditions on large scale tension structures



Architectural SHADE FABRIC

Outdoor Recreation Areas
Car Park Structures
Sports Complexes

Commercial Heavy 430

Performance

Tensile Strength	warp	1 600 N/50mm
Elongation at max. force	warp	108%
Tensile Strength	weft	1400 N/50mm
Elongation at max. force	weft	165%
Wing tear (mean)	warp	503 N
Wing tear (mean)	weft	255 N
Burst force		2349 N
Burst pressure		3900 kPa

Fabric Properties

Nominal Fabric Mass	430 gsm ± 20
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Roll Specification

Width	3.0m (unfolded)
Length	40m

Flammability

AS1530.2 - Flammability Index	21
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Commercial Heavy 430FR

Performance

Tensile Strength	warp	1400 N/50mm
Elongation at max. force	warp	70%
Tensile Strength	weft	1300 N/50mm
Elongation at max. force	weft	144%
Wing tear (mean)	warp	255 N
Wing tear (mean)	weft	272 N
Burst force		1955 N
Burst pressure		3200 kPa

Fabric Properties

Nominal Fabric Mass	430 gsm ± 20
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Roll Specification

Nominal width	3.0m (unfolded)
Length	40m

Flammability

AS1530.2 - Flammability Index	1
CSFM 1237.1 #	Pass- all colours
NFPA 701 #	Pass- all colours

Contact GALE Pacific for test reports and certificates



* Oeko-Tex & Greenguard applicable to non FR products only

* The results listed in this brochure are typical averages from independent testing and quality assurance testing and 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, refer to the GALE Pacific Commercial Fabrics website for latest technical performance information.

* Please note, due to limitations of the printing process, colours pictured may not represent the true colour.



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