

# 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.

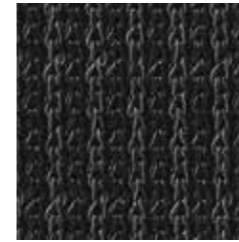
**Commercial Heavy 430** offers up to 87.9% UVR Block protection and is available in 16 popular colours, making it easier than ever to complement existing design elements and colour schemes.



Desert Sand  
484309  
492878



Black  
484422  
492922



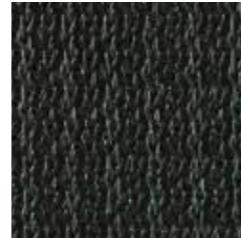
Charcoal  
484460  
492908



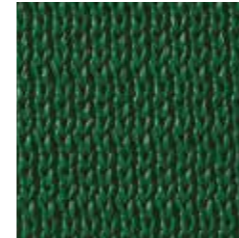
Steel Grey  
484408  
492854



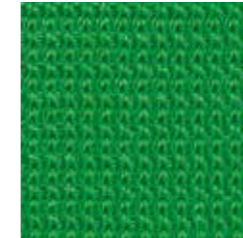
White  
485863  
492847



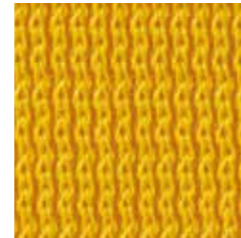
Brunswick Green  
484361  
492915



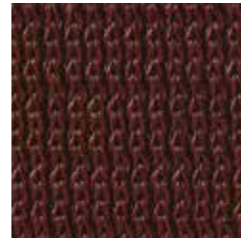
Emerald  
485887  
492946



Bright Green  
492779  
492960



Yellow  
485849  
492830



Deep Ochre  
484385  
492885



Red  
484484  
492892



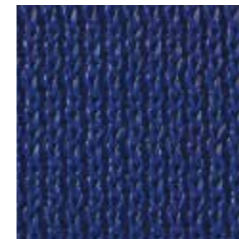
Orange  
492786  
492977



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

# Commercial Heavy 430FR

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

Roll Specification	
Width	3.0m (unfolded)
Length	40m

Flammability	
AS1530.2 - Flammability Index	21

## 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

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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