

# Commercial

## HEAVY 430

Architectural Shade Fabric



Commercial Heavy 430 architectural shade fabric was engineered specifically to withstand extreme weather conditions on large scale tension structures. It features **superior biaxial strength and load bearing performance** for optimum shape and tensioning endurance.

Made from 100% round monofilament and designed using a patented intertwining knit pattern.

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



- Patented intertwining knit pattern resulting in superior biaxial performance
- Full 15 year warranty against UV degradation on fabric
- UV block range from 85.9% to 87.9%
- 100% round monofilament 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
- 100% lead and phthalate free for a healthier environment
- Greenguard® and Oeko-Tex® certified provides confidence in operational quality assurance
- Engineered in Australia to meet harsh weather extremes
- 100% recyclable

### Properties

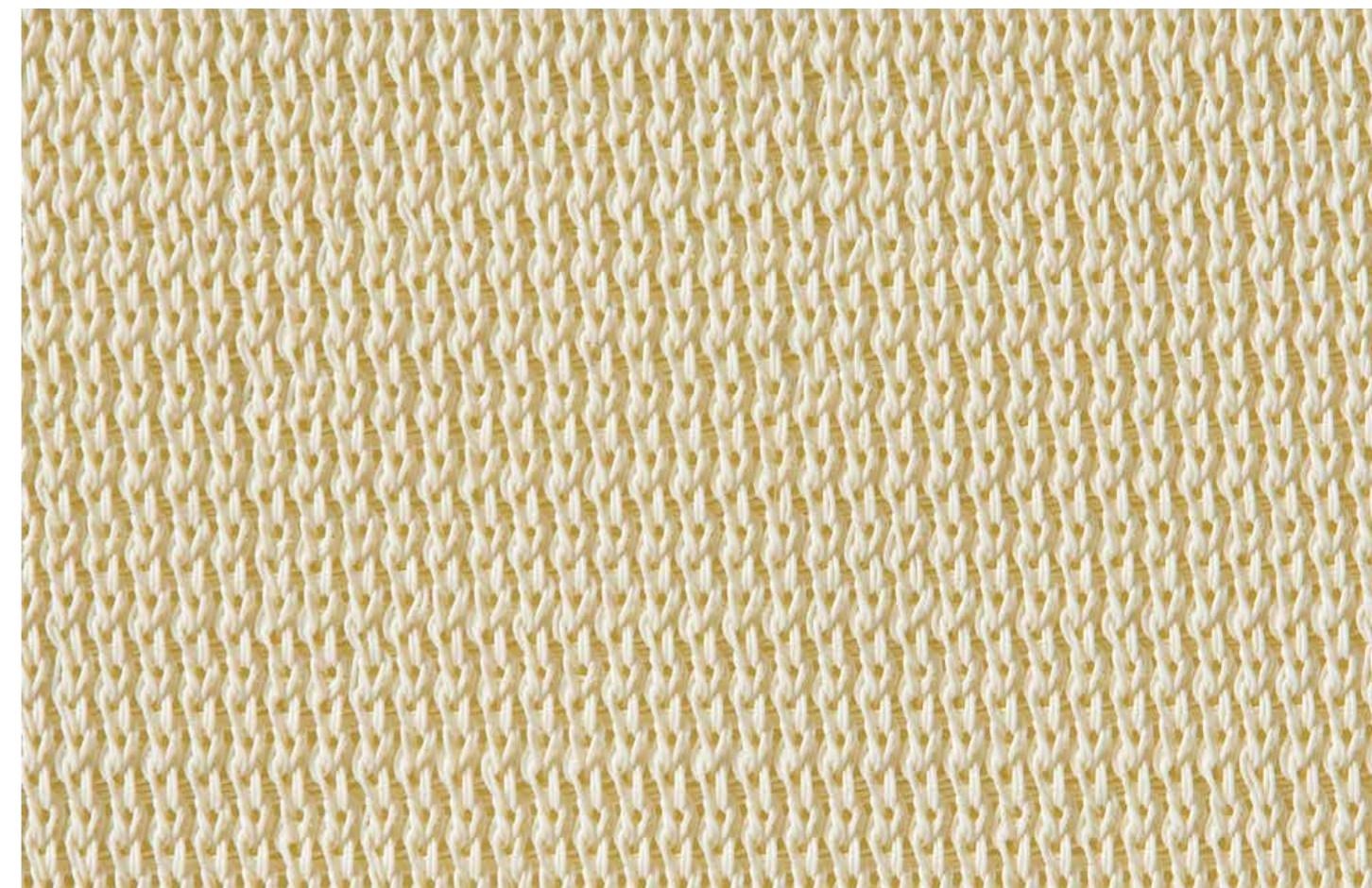
Nominal fabric mass	430gsm ± 20
Roll length	40m (unfolded)
Roll width	3m width

### Performance

Maximum force - warp (mean)	1600 N/50mm
Elongation at max. force (mean)	108%
Maximum force - weft (mean)	1400 N/50mm
Elongation at max. force (mean)	165%
Breaking force - warp (mean)	1800 N
Breaking force - weft (mean)	1600 N
Wing tear - warp (mean)	503 N
Wing tear - weft (mean)	255 N
Bursting pressure (mean)	3900 kPa
Bursting force (mean)	2349 N
Flammability index	21

### Applications

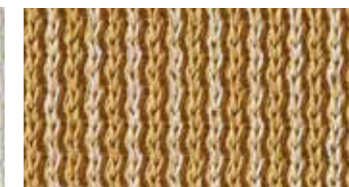
- Large tension structures
- Large awnings
- Car park structures
- Large shade sails



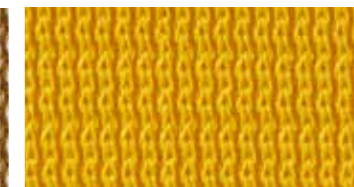
Natural 484347  
87.9% UVR Block



White 485863  
86.6% UVR Block



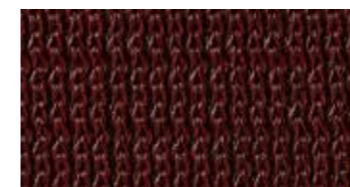
Desert Sand 484309  
85.9% UVR Block



Yellow 485849  
86.1% UVR Block



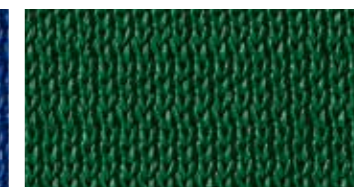
Red 484484  
87.4% UVR Block



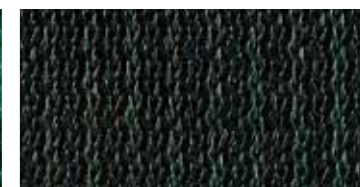
Deep Ochre 484385  
87.3% UVR Block



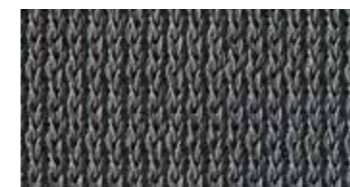
Aquatic Blue 484323  
87.3% UVR Block



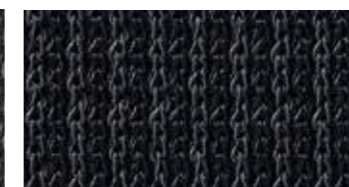
Emerald 485887  
86.7% UVR Block



Brunswick Green 484361  
86.8% UVR Block



Steel Grey 484408  
86.5% UVR Block



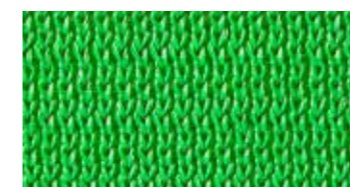
Charcoal 484460  
87.6% UVR Block



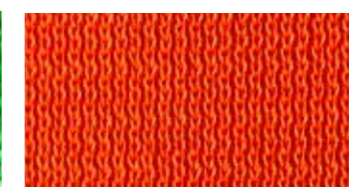
Black 484422  
86.4% UVR Block



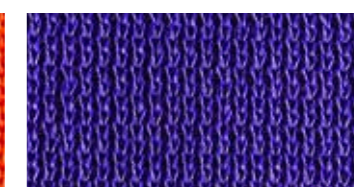
Navy Blue 484446  
87.5% UVR Block



Bright Green 492779  
86.8% UVR Block



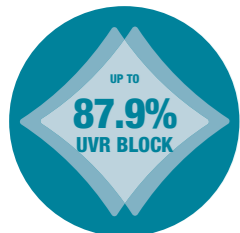
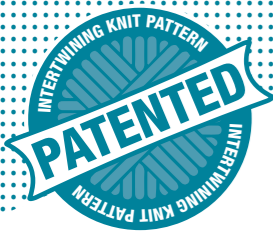
Orange 492786  
86.8% UVR Block



Royal Purple 492793  
86.5% UVR Block

Please note, due to the limitations of the printing process, colours may not represent the true colour. The above results 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.





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OUTDOOR RECREATION AREAS

CAR PARK STRUCTURES

SPORTING VENUES



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