

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 \pm 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

