

## Commercial Heavy Shadecloth

Commercial Heavy 430 is a high-quality knitted shade fabric designed for tension structures, awnings and shade sails specifically for commercial architectural applications.

Fabric	100% Round Monofilament Yarn		
Weight	430 gsm		
Roll Length/Width	40mt	300cm	
	<b>Performance</b>		
Max Force & Elongation (AS 2001.2.3.1-2001)	Max Force – Warp (mean) Elongation – Weft (mean)	1600 N/50mm 108% 1400 N/50mm 165%	
Breaking Force (AS 2001.2.3.1-2001)	Warp Weft	1800 N 1600 N	
Tear Strength (AS 2001.2.3.1-2001)	Warp Weft	503 N 255 N	
Bursting Pressure	3900 kPa – Hydraulic Diaphragm Method (AS 2001.2.4)		
Bursting Force	2349 N – Ball Burst Method (AS 2001.2.19-1988)		
Flammability	<i>Flammability Index</i>	21	Range 0 – 100
<b>AS 1530 Pt. 2</b>	<i>Ignitability Index</i>	9	Range 0 – 20
<b>AS 1530 Pt. 3</b>	<i>Spread of Flame Index</i>	9	Range 0 – 10
	<i>Heat Evolved Index</i>	4	Range 0 – 10
	<i>Smoke Developed Index</i>	5	Range 0 – 10

### Commercial Heavy Colour Range



Colours are a representation and may differ from the actual colours

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## Commercial Heavy Shadecloth

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.

Engineered to withstand extreme weather conditions on large scale tension structures

Patented intertwining knit pattern resulting in superior biaxial performance

100% round monofilament HDPE yarn for optimal structural stability

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

Commercial Heavy 430 features superior biaxial and load bearing performance for optimum shade and tensioning endurance.

Colour	Cover Factor	Shade Factor	UV-Vis Trans %	UVR Trans %	UVR Block %	UVE %	Protection Category
Aquatic Blue	87	85.5	14.5	12.7	87.3	87	Effective
Black	86	86.4	13.6	13.6	86.4	86	Effective
Bright Green	86	85.2	14.8	13.2	86.8	86	Effective
Brunswick Green	86	86.7	13.3	13.2	86.8	86	Effective
Charcoal	87	87.5	12.5	12.4	87.6	87	Effective
Deep Ochre	87	87.0	13.0	12.7	87.3	86	Effective
Desert Sand	85	79.0	21.0	14.1	85.9	85	Effective
Emerald	86	84.7	15.3	13.3	86.7	86	Effective
Natural	88	73.9	26.1	12.1	87.9	87	Effective
Navy Blue	87	86.8	13.2	12.5	87.5	87	Effective
Orange	86	75.9	24.1	13.2	86.7	86	Effective
Red	87	76.0	24.0	12.6	87.4	87	Effective
Royal Purple	86	85.0	15.0	13.5	86.5	86	Effective
Steel Grey	86	85.5	14.5	13.5	86.5	86	Effective
White	86	69.0	31.0	13.4	86.6	86	Effective
Yellow	86	70.3	29.7	13.9	86.1	85	Effective

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