

GALE
COMMERCIAL

DualShade®

Product Profile

Where Architectural Design Meets
High-Performance Engineering

DualShade® is a premium, dual-colour shade fabric engineered for high-profile public spaces, utilising an advanced patent-pending knit structure to create a dynamic, light-reactive surface with a subtle iridescent shimmer.

Features and Benefits

- **Dual-Colour UV Protection:** Patented dual colour pattern delivers a unique iridescent, light-responsive finish with up to 94% UV block.
- **Dimensional Stability:** Fabric is stentured (heat-set) to prevent shrinkage and simplify fabrication minimising re-tensioning and maintenance costs.
- **Extreme Strength:** HDPE monofilament and tape construction offers high tensile strength, moisture resistance, and rot-proof performance in global weather extremes.
- **Maximum Color Integrity:** 12 striking color combinations across three collections engineered with UV-stabilizers for fade-resistant performance.



15 Year
Warranty



Lead &
Phthalate Free



PFAS Free



Recyclable HDPE



STANDARD
100



COLD



CORPORATE
MEMBER



ATA
ADVANCED
TEXTILES
ASSOCIATION

For more information, visit galecommercial.com

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Technical Specifications

Fabric Properties		
	Metric - AS 2001.2.13 (mass per unit)	Imperial - ASTM D3776 (mass per unit)
Nominal Fabric Mass	350 gsm ± 20	10.3 oz / yd ²
Approx. Thickness	1.8 mm	0.07 in
Roll Specifications		
	Metric (mass per unit)	Imperial (mass per unit)
Nominal Roll Width	1.5 m	
Nominal Fabric Width	3.0 m	9 ft 10 in
Length	40 m	131 ft 3 in
Approx. Roll Weight	45 kg	99.2 lbs
Approx. Roll Diameter	0.40 m	1.3 ft
Core Diameter	50 mm	1.97 in

Performance Data

Flammability							
Certification	Test	Value					
AS 1530.2-Part 2 - Flammability Test	Flammability Index (Range 0-100)	38					
	Ignitability Index (Range 0-20)	14					
AS 1530.3-Part 3 - Early Fire Hazard Test	Spread of Flame Index (Range 0-10)	8					
	Heat Evolved Index (Range 0-10)	3					
	Smoke Developed Index (Range 0-10)	4					
Maximum Force And Elongation - Strip Method (AS 2001.2.3.1-2001)							
Maximum Force - Warp (Mean)		960 N/50mm					
Elongation at Maximum Force - Warp (Mean)		117 %					
Maximum Force - Weft (Mean)		1100 N/50mm					
Elongation at Maximum Force - Weft (Mean)		70.5 %					
Breaking Force - Grab Test (AS 2001.2.3.2-2001)							
Breaking Force - Warp (Mean)		1500 N					
Breaking Force - Weft (Mean)		1300 N					
Tear Resistance – Wing Rip Method (AS 2001.2.10-1986)							
Wing Tear - Warp (Mean)		327 N					
Wing Tear - Weft (Mean)		245 N					
Bursting Pressure – Hydraulic Diaphragm Method (AS 2001.2.4)							
Bursting Pressure (Mean)		3500 kPa					
Bursting Force – Ball Burst Method (AS 2001.2.19-1988)							
Bursting Force (Mean)		1959 N					
Shade Protection Fabric Performance (AS 4174:2018)							
Colour	Cover Factor	Shade Factor	UV-vis Trans %	UVR Trans %	UVR Block %	UVE %	Protection Category
Amazonia	92	91.1	8.9	7.6	92.4	91	Very Effective
Capri	92	83.9	16.1	7.9	92.1	91	Very Effective
Chameleon	90	86.4	13.6	9.7	90.3	91	Very Effective
Citrus	91	87	13.0	8.1	91.9	91	Very Effective
Cobblestone	93	90.3	9.7	6.4	93.6	93	Very Effective
Gold Rush	91	88.3	11.7	8.5	91.5	90	Effective
Macaw	92	83.3	16.7	9.3	90.7	90	Effective
Maldives	91	88.4	11.6	9.1	90.9	90	Effective
Santorini	93	83.3	16.7	7.8	92.2	92	Very Effective
Savanna	92	80.1	19.9	7.7	92.3	91	Very Effective
Sunburst	91	75.2	24.8	9.4	90.6	91	Very Effective
Topaz	92	85.8	14.2	9.4	90.6	90	Effective

*Test results available upon request. Each colour individually tested and passes all certification criteria for above. Available in Flame Retardant and Non-Flame Retardant. Biaxial elastic material properties available on request. Select colors only available in made to order.

Care & Maintenance

Do not use near open flames. Avoid contact with organic solvents, halogens, or highly acidic substances, as these will reduce service life and void the warranty.

The above results are typical averages from 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 product specifications are subject to alteration without notice. As the use and disposal of this product are beyond GALE Pacific's control, regardless of any assistance provided without charge, GALE Pacific assumes no obligation or liability for the suitability of its products in any specific end use application. It is the customer's responsibility to determine whether GALE Pacific's products are appropriate for the specific application and complies with any legal & patent regulations.

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