



Commercial 95 340 is the cornerstone of the GALE portfolio and the most trusted HDPE shade fabric in the industry with over 20 years of time-tested reliability. Commercial 95 delivers the utmost in versatility across a wide range of applications with an expansive assortment of modern and vibrant colors.

- A mid-weight fabric (340 gsm) suitable for applications spanning a wide array of sizes and designs, making Commercial 95 one of the most versatile HDPE shade fabrics in the industry.
- Provides the optimal combination of sun protection, strength, and durability to ensure low maintenance, and long-life performance.
- The most expansive color assortment in the HDPE shade fabric market. Offering 22 rich, vibrant and on-trend colors to fulfill a wide range of design requirements.
- Industry-leading stentering process provides premium lay flat characteristics to assist with accurate design and fabrication
- Backed by a full 10-year warranty against UV degradation and designed to withstand the world's harshest environments
- 100% Lead and Phthalate free

FABRIC PROPERTIES

AS 2001.2.13

Mass per unit

Nominal fabric mass 340 gsm ± 20; 10 oz / yd²

Approximate thickness 0.06 in. / 1.6 mm

ROLL SPECIFICATIONS

Nominal width: 9 ft. 10 in. / 3.0m (folded)

Length: 131 ft 3 in. / 40m

Approx. roll weight: 97 lbs. / 44 kg

Approx. roll diameter: 1.05 ft / 0.32 m

Core diameter: 1.38 in. / 35 mm

USAGE INSTRUCTIONS

Do not use against flames. Contact with organic solvents, halogens or highly acidic substances may reduce the service life of the fabric and void the warranty. Biaxial elastic material properties available on request.

SUGGESTED SPECIFICATION

Shade cloth fabric shall be compliant to Australian standard AS 4174:2018 and shall be GALE Pacific Commercial 95 Knitted HDPE monofilament & tape shade fabric offering a UVE Protection Category of "Very Effective".

FLAMMABILITY

ASTM E84 19B Class A

PERFORMANCE

ASTM D5034

Tensile Strength and Elongation

Maximum Force – Warp (Mean) 189.1 lbf

Elongation at Maximum Force – Warp (Mean) 103.67 %

Maximum Force – Weft (Mean) 462.3 lbf

Elongation at Maximum Force (Mean) 63%

ASTM D2261

Tearing Strength – Tongue (Single Rip)

Mean Force – Warp 52.2 lbf

Mean Force – Weft 52.2 lbf

ASTM D6797

Bursting Strength – Ball Burst (Constant Rate of Extension)

Mean Force 422 lbf

AS 4174:2018

Shade Protection Fabric Performance



Colour	Cover Factor	Shade Factor	UV-Vis Trans %	UVR Trans %	UVR Block %	UVE %	Protection Category
Aquatic Blue	92	85.6	14.4	8.9	91.1	91	Very Effective
Black	94	94.6	5.4	5.2	94.8	93	Very Effective
Bright Green	92	88.6	11.4	7.5	92.5	91	Very Effective
Brown	93	91.5	8.5	6.9	93.1	92	Very Effective
Brunswick Green	94	93.8	6.2	5.3	94.7	93	Very Effective
Cayenne	92	85.3	14.7	7.6	92.4	91	Very Effective
Cedar	93	87.3	12.7	6.4	93.6	93	Very Effective
Charcoal	93	93.1	6.9	6.6	93.4	91	Very Effective
Cherry Red	91	78.4	21.6	8.8	91.2	91	Very Effective
Deep Ochre	94	92.8	7.2	5.4	94.6	93	Very Effective
Desert Sand	94	86.1	13.9	6.2	93.8	93	Very Effective
Gun Metal	93	91.4	8.6	6.8	93.2	92	Very Effective
Natural	93	76.2	23.8	6.9	93.1	92	Very Effective
Navy Blue	94	93.6	6.4	5.6	94.4	93	Very Effective
Orange	93	80.6	19.4	6.0	94.0	93	Very Effective
Rivergum Green	93	88.7	11.3	7.1	92.9	92	Very Effective
Royal Purple	91	87.7	12.3	8.9	91.1	91	Very Effective
Sky Blue	92	89.0	11.0	7.8	92.2	91	Very Effective
Steel Grey	94	90.9	9.1	5.7	94.3	93	Very Effective
Turquoise	92	86.0	14.0	8.5	91.5	91	Very Effective
Yellow	95	77.6	22.4	4.5	95.5	94	Very Effective



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