

# Commercial 95<sup>TM</sup>



## Product Profile

## Shadecloth Range

USA Rev.2 11/03

### Product Description

Commercial 95 is a high quality, heavy-duty knitted shade fabric specifically for tension structures, awnings and shade covers designed for commercial and architectural applications.

### Material

Yarn UV stabilised HDPE  
 Construction Mono filament & tape  
 Pattern Lock-stitch knitted  
 Temperature range -22°F to +167°F

### Properties

Nominal fabric mass 9.38 to 10.32 oz. sq. yd  
 (AS 2001.2.12)  
 Approximate thickness 0.06 inch

### Features

Strong HDPE fabric won't rot or absorb moisture. Stentered (heat-set) to reduce shrinkage and for ease of fabrication.  
 10 year UV warranty on fabric.  
 Made in Australia to meet harsh weather conditions.

### 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.

### Performance

According to Australian Standards  
 Tensile Strength - Warp 21.74 lbs./inch  
 (AS 2001.2.3)  
 Tensile Strength - Weft 46.95 lbs./inch  
 (AS 2001.2.3)  
 Wing Tear – Warp (mean) 32.15 lbs./f  
 (AS 2001.2.10)  
 Wing Tear – Weft (mean) 45.63 lbs./f  
 (AS 2001.2.10)  
 Bursting Pressure (mean) 464 psi  
 (AS 2001.2.4)  
 Bursting Force (mean) 395.21 lbs./f  
 (AS 2001.2.19)

### Flammability

(NFPA 701 Specifications Test 2 – Flat Sheets)  
 PASS  
 Av. Char length 6 in.  
 Afterflame time None sec.  
 Burn on floor None sec.

Flammability results according to Australian Standard AS1530 available on request.

Colour	Code	Width	Length	Cover Factor	Av. % Transmis.	Shade Factor	Av. UVR Transmis.	AV. PAR Transmis.	% UVR Block
Aquatic Blue	308766	9.84 ft. (folded)	164 ft	96.7%	11.9%	88.2	5.8%	13.8%	94.2%
Black	415631			95.9%	5.1%	94.9	4.9%	5.1%	95.1%
Brunswick Green	308728			97.4%	4.4%	95.6	3.1%	4.8%	96.9%
Cherry Red	415662			94.9%	19.0%	81.0	9.0%	21.9%	91.0%
Desert Sand	308704			96.5%	15.8%	84.2	5.2%	19.0%	94.8%
Natural	308759			94.5%	21.1%	78.9	4.9%	25.9%	95.1%
Navy Blue	308735			96.4%	4.3%	95.7	3.2%	4.7%	98.8%
Ochre Red	415617			95.4%	5.6%	94.4	3.3%	6.2%	96.7%
Rivergum Green	308711			95.7%	14.2%	85.8	7.0%	16.3%	93.0%
Sky Blue	415624			95.2%	5.3%	94.7	3.2%	5.9%	96.8%
Steel Grey	415648			97.3%	8.1%	91.9	3.3%	9.5%	96.7%
Turquoise	308773			97.6%	10.4%	89.6	4.6%	12.2%	95.4%
Yellow	415655			94.6%	23.0%	77.0	6.7%	27.7%	93.2%

Approx. roll weight: 121 lbs.  
 Approx. roll diameter: 1.31 ft  
 Core diameter: 1.38 inches

Av. % Transmis. = Average % Transmission within the 290-770nm spectrum  
 Av. UVR Transmis. = Average % Transmission within the 290-400nm spectrum  
 Av. PAR Transmis. = Average % Transmission within the 408-770nm spectrum

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 Profiles are subject to alteration without notice.

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#### FOR MORE INFORMATION – PLEASE CONTACT:

Australia	Gale Pacific Ltd. PO Box 145, Braeside, Victoria, 3195	Phone +61 3 9518 3333	Fax +61 3 9518 3398
UAE	Gale Pacific FZE. PO Box 17696, Jebel Ali, Dubai	Phone +971 4 881 7114	Fax +971 4 881 7167
USA	Gale Pacific Inc. Suite 105 2400 Maitland Center Parkway, Maitland, Florida, 32751	Phone +1 407 667 9135	Fax +1 407 838 0250