Pacific Shade Sails

Shade Cloth Colors

EXTRABLOCK 330

SHADE FABRIC

Pacific
Shade Sails

EYE CATCHING COLOURS AND FR RATED OUTDOOR SHADE

FABRIC SPECIFICATIONS

EXTRABLOCK 330

Shade Factor % (SF depends on colour - see below for details)	**81 - 97**
UVR Block %	**96 - 98**
UPF (UV Protection Factor)	**21 - 41**
Roll Width	**3.0m**
FRAS1530.2	Flammability 1, Spread Factor 0, Heat Factor 1
FR AS1530.3	Ignitability 13, Spread of Flame 7, Heat Evolved 2, Smoke 5
CSFM	Complies with California State Marshals requirements, Title 19, Section 1237

Colors in Red box are NOT

CA FR approved

FABRIC 12 YEAR WARRANTY

Cream, Beige, Yellow and Red are not FR. Colours shown indicative only.

FEATURES

RECYCLABLE

The EXTRABLOCK range of knitted shade fabric has been specifically designed for use in tension structures and shade sails, but performs equally well when used on carpark structures, awnings and umbrellas.

EXTRABLOCK is one of the worlds best FR rated shade cloths. It meets the California State Fire Marshall test for title 19. This is widely recognised as the most difficult FR test to meet and EXTRABLOCK gets a new certificate every year!

EXTRABLOCK is a very dimensionally stable shade cloth with very similar biaxial strengths and extensions in both directions.

EXTRABLOCK has a 12 year warranty against UV breakdown. Peace of mind for you and your clients.

- High Strength fabric
- Controlled Elongation
- Maximum protection with up to 98% shade
- Excellent Dimensional Stability
- 12 Year Warranty
- Fire retardancy rated
- Heat set (stentered)
- Will not rot or support the development of mould and mildew
- Breathable, allowing air circulation for cooling

FIRE RETARDANT

ENGINEERING SPECIFICATIONS

Breaking Force Warp (AS2001.2.3.2-2001 Grab Method)	**979N**
Breaking Force Weft (AS2002.3.1-2001)	**1228N**
Elongation at Break Warp	**67%**
Elongation at Break Weft	**57%**
Bursting Strength (AS 2001.2.4-1990)	**3000kPa**
Tear Resistance Warp (AS2001.2.10-1986)	**157N**
Tear Resistance Weft (AS2001.2.10-1986)	**170N**

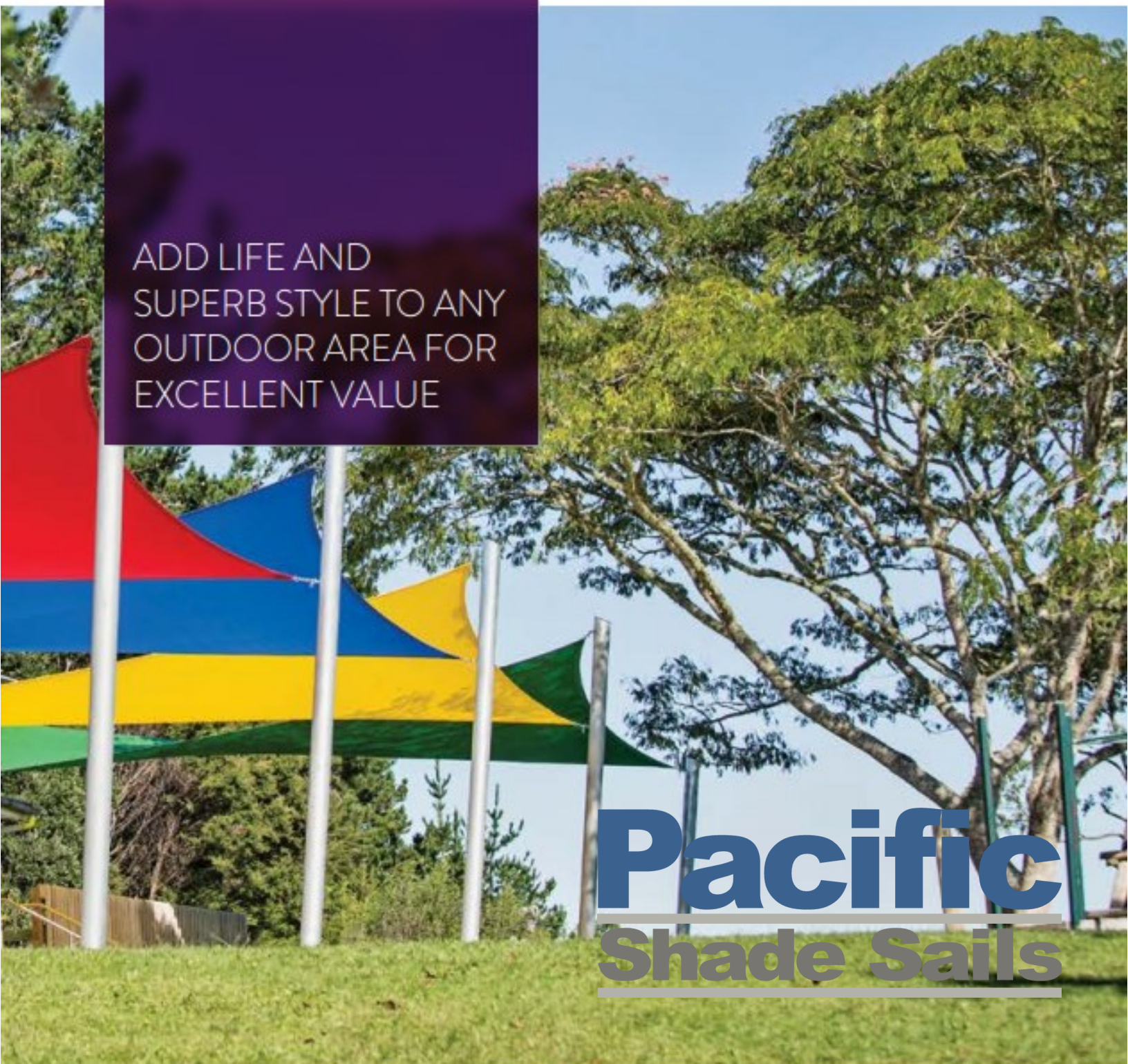
SHADETEC 320®

SHADE FABRIC

Not CA FR Approved

Pacific
Shade Sails

ADD LIFE AND SUPERB STYLE TO ANY OUTDOOR AREA FOR EXCELLENT VALUE



Pacific
Shade Sails

FABRIC SPECIFICATIONS

SHADETEC **320®**

Shade Factor % (SF depends on colour - see below for details)	**75-97 %**
UVR Block %	**91-95 %**
Roll Width	**3.7m**
Roll Length	**50m**
Heat set to increase dimensional stability and consistency	
Abrasion resistant yarn	

SF=75%

SF=77%

SF=87%

SF=94%

SF=95%

SF=93%

SF=96%

SF=92%

SF=80%

SF=97%

SF=91%

SF=95%

SF=91%

SF=90%

Colours shown indicative only.

FEATURES

RECYCLABLE

Shadetec 320® is a commercial grade shade cloth fabric manufactured from High Density Polyethylene (HDPE) monofilament and tape filament. All filament (or yarn) is lockstitch knitted together providing a very high strength fabric. Shadetec 320® is then heat set, which improves dimensional stability and consistency and ensures that the mesh will lie flat during fabrication.

Shadetec 320® is ideal for small to medium size applications where a premium grade shade fabric is required. Each colour in the range consists of single colour filaments, which provides consistent colour tone and texture throughout the entire roll.

Shadetec 320® not only offers a very high level of UV protection with 91% - 95% block, but is made from UV stabilised materials, ensuring that the fabric of your shade sails will continue to perform even after years of exposure to the elements. The super tough abrasion resistant yarn means excellent durability and longevity with great resistance to grime, mildew and dirt.

- ✔ High strength fabric
- ✔ Ideal for smaller residential shade sails
- ✔ Up to 97% shade offered
- ✔ 13 year warranty
- ✔ Stain, dirt and grime resistant
- ✔ Available in 14 colours
- ✔ Single colour filaments ensure consistent colour tone
- ✔ Eco-friendly - 100% recyclable

SHADETEC **320®** fabric is covered with a 13 year UV warranty.

FABRIC 13 YEAR WARRANTY

ENGINEERING SPECIFICATIONS

Breaking Force Warp (AS 2001.2.3.2-2001 Grab Method)	**1224N**
Breaking Force Weft (AS 2001.2.3.2-2001 Grab Method)	**1601N**
Elongation at Break Warp	**94%**
Elongation at Break Weft	**50%**
Bursting Force (AS 2001.2.4 Ball Bursting Method)	**1973N**
Tear Strength Warp (AS 2001.2.10.C.R.E, Wing rip Tear Method)	**195N**
Tear Strength Weft (AS 2001.2.10.C.R.E, Wing rip Tear Method)	**247N**

Commercial
NinetyFive 340

Commercial
NinetyFive 340FR

The most trusted HDPE shade fabric in the industry.

Architectural SHADE FABRIC

- Tension Structures
- Awnings
- Shade Sails
- Car Park Structures

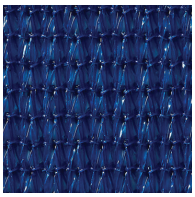
Commercial
NinetyFive
340

Commercial Ninety-Five 340 delivers the utmost in versatility across a wide range of applications.

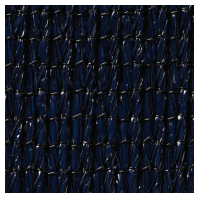
Provides the optimal combination of sun protection, strength and durability to ensure low maintenance and long-life performance.

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.

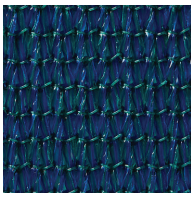
A mid-weight fabric (340 gsm) suitable for applications spanning a wide array of sizes and designs, making Commercial Ninety-Five 340 one of the most versatile HDPE shade fabrics in the industry.



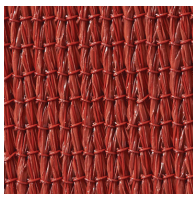
Aquatic Blue
444938
495671



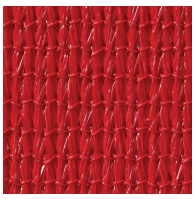
Navy Blue
445010
495602



Turquoise
445065
495664



Cayenne
455255
495701



Cherry Red
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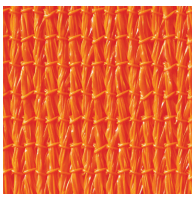
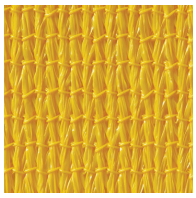
495695

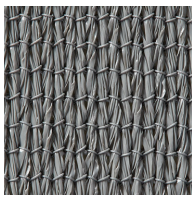


Orange
459215
495633

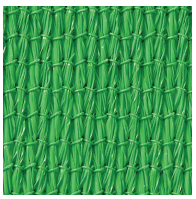
Desert Sand
444983
495565



Yellow
445072
495619



Steel Grey
445041
495718



Bright Green
459208
495596

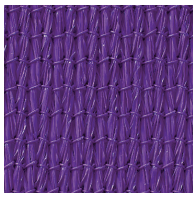
Gun Metal
455262
495527

Natural
445003
495541

Backed by a full 10-year warranty against UV degradation

Designed to withstand the world's harshest environments

Commercial NinetyFive 340FR



Royal Purple
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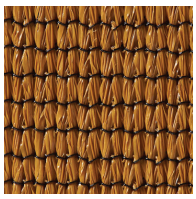
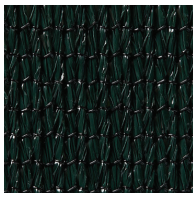
Deep Ochre
444990
495688

Brown
481254
495657



Cedar
465360
495534



Brunswick Green
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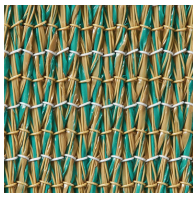

Rivergum
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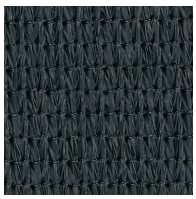
495589

Black
444945
495640



Charcoal
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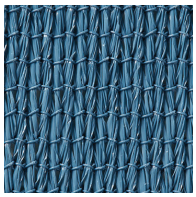
495558



Sky Blue
445034
495626

White
497736
495732

Durability and FR compliance are now combined to create premium fabrics providing maximum performance.

Only GALE Pacific offers the WIDEST RANGE of FLAME RETARDANT knitted fabrics globally.

Our FR fabrics meet the most stringent Fire Standards for shade fabrics including CSFM 1237.1 & NFPA 701 across all color variants. Offering premium biaxial stability and tensile properties, for minimal maintenance and improved fabric life.

CERTIFIED FIRE PROTECTION SPECIALIST NFPA CFPS

REGISTERED STATE OF CALIFORNIA STATE FIRE MARSHAL FLAME RETARDANT F-37801

Industry-leading stentering process provides premium lay flat characteristics

A mid-weight fabric suitable for a wide array of applications and designs

AS Standards

ASTM Standards

	Commercial 95 340	Commercial 95 340 FR	Commercial 95 340	Commercial 95 340 FR
Performance				
Maximum force	warp 670 N/50mm	580 N/50mm	warp 189.1 lbf	158.6 lbf
Elongation at max. force	warp 117%	98%	warp 103.67%	88.7%
Maximum force	weft 2400 N/50mm	2000 N/50mm	weft 462.3 lbf	412.3 lbf
Elongation at max. force	weft 83%	71.5%	weft 63%	49%
Breaking force	warp 990 N	930 N		
Breaking force	weft 2000 N	2000 N		
Tear strength	warp 184 N	194 N	warp 52.2 lbf	43 lbf
Tear strength	weft 347 N	282 N	weft 52.2 lbf	39.6 lbf
Bursting pressure	3500 kPa	3600 kPa		
Bursting force	1937 N	1944 N	422 lbf	408 lbf
Fabric Properties				
Nominal Fabric Mass	340 gsm ± 20	340 gsm ± 20	340 gsm ± 20	340 gsm ± 20
Roll Specification				
Width	3m (folded)	3m (folded)	9 ft. 10 in. (folded)	9 ft. 10 in. (folded)
Length	40m	40m	131 ft. 3 in.	131 ft. 3 in.
Flammability Info	Flammability Index - 12 Ingnitability Index - 10 Spread of Flame Index - 7 Heat Evolved Index - 5 Smoke Developed Index - 4	Flammability Index - 1 Ingnitability Index - 13 Spread of Flame Index - 8 Heat Evolved Index - 3 Smoke Developed Index - 6	ASTM E84 19B Class A	CSFM Title 19 1237.1 NFPA 701 Test Methods 1&2 ASTM E84 19B Class A

*The results listed in this brochure are typical averages from independent testing and 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, refer to the GALE Pacific Commercial Fabrics website for latest technical performance information.

[1] Please note, Check with your local waste handler to confirm recyclability
[2] Please note, Oeko-Tex & Greenguard applicable to non FR products only
* Please note, due to limitations of the printing process, colors pictured may not represent the true color

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galecommercial.com

Commercial
DualShade® 350

The beautiful palette of color combinations will enhance the design of any outdoor space.

BRILLIANT COLLECTION

The fabric colors within this collection are rich and luminous combinations that demand to be noticed.

These fabrics glimmer in the sun's rays like a precious gemstone. Illuminate any outdoor space with a fabric from this collection.

Citrus

TERRAFIRMA COLLECTION

The beauty and calmness of nature combine to form fabric colors that take you from lush rainforests to vast desert landscapes.

Experience the beauty of the land at its finest when choosing a fabric from this collection for your design.

Savanna

DESTINATION COLLECTION

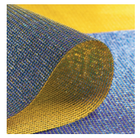
Elegant and clean hues combine to form fabrics that are reminiscent of some of the world's most desired destinations.

Inspired by the most alluring locations around the world, the fabric colors in this collection will transform any outdoor space into a beautiful oasis.

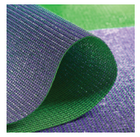
Maldives

Citrus
491147
495992

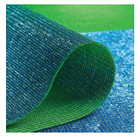
Sunburst
492694
496067



Macaw
491154
496029



Chameleon
491116
495985



Topaz
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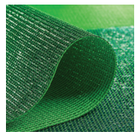
496074



Amazonia
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Savanna
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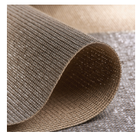
496050



Cobblestone
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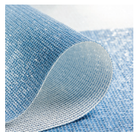
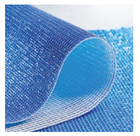
496005

Gold Rush
491161
496012



Capri
491185
495978



Santorini
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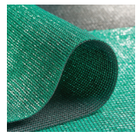

Maldives
491130
496036

Commercial
DualShade® 350FR

Commercial DualShade 350 FR is a revolutionary architectural shade fabric designed and manufactured by GALE Pacific.

This fabric is truly unique in both its aesthetic and performance. Two different color yarns are combined to create a single fabric that produces a truly transformative effect.

Meets the most stringent Fire Standards for shade fabrics, including CSFM 1237.1 & NFPA 701 across all color variants providing premium biaxial stability, and tensile properties, for minimal maintenance, and improved fabric life.

Visit Dualshade350.com to see our transformative color combinations come to life!

Dimensionally stable fabric reduces retensioning frequency and associated maintenance costs, resulting in longer fabric life and improved performance

Maximum durability achieved through use of high quality, UV stabilized monofilament and tape yarns joined by a lock-stitch knit pattern

Patent pending dual color knit pattern creates a high performing fabric with a unique aesthetic

Superior long-term performance achieved through an even distribution of force across the tensioned fabric

Ideal for human sun protection offering up to 94% UV Block

Commercial
DualShade®
350

Commercial
DualShade®
350FR

Where performance and function meet design.

Architectural
SHADE FABRIC

- Sports Complexes
- Office Buildings
- Playgrounds
- Schools
- Parks

	AS Standards		ASTM Standards	
	Dualshade 350	**Dualshade 350 FR**	**Dualshade 350**	**Dualshade 350 FR**
Performance				
Maximum force	warp 960 N/50mm	790 N/50mm	warp 265 lbf	196 lbf
Elongation at max. force	warp 117%	99%	warp 79%	79%
Maximum force	weft 1100 N/50mm	1200 N/50mm	weft 321 lbf	286 lbf
Elongation at max. force	weft 70.5%	72%	weft 62%	71%
Breaking force	warp 1500 N	1200 N		
Breaking force	weft 1300 N	1300 N		
Tear strength	warp 327 N	238 N	warp 64.4 lbf	61.4 lbf
Tear strength	weft 245 N	180 N	weft 49.2 lbf	47.3 lbf
Bursting Pressure	3500 kPa	3300 kPa		
Bursting force	1959 N	1915 N	461 lbf	383 lbf
Fabric Properties				
Nominal Fabric Mass	350 gsm ± 20	350 gsm ± 20	350 gsm ± 20	350 gsm ± 20
Roll Specification				
Normal Width	3.0m (folded)	3.0m (folded)	9 ft. 10 in. (folded)	9 ft. 10 in. (folded)
Length	40m	40m	131 ft. 3 in.	131 ft. 3 in.
Flammability Info	Flammability Index - 38 Ingnitability Index - 14 Spread of Flame Index - 8 Heat Evolved Index - 3 Smoke Developed Index - 4	Flammability Index - 1	ASTM E84 19B Class A	CSFM Title 19 1237.1 NFPA 701 Test Methods 1&2 ASTM E84 19B Class A

PATENTED · INTERTWINING KNIT PATTERN

10 year UV DEGRADATION WARRANTY

100% LEAD & PHTHALATE FREE

2 HDPE

GREENGUARD GOLD [1]

OEKO-TEX® CONFIDENCE IN TEXTILES STANDARD 100 12.HUS.15194 HOHENSTEIN HTTI [1]

*The results listed in this brochure are typical averages from independent testing and 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, refer to the GALE Pacific Commercial Fabrics website for latest technical performance information.

* Please note, due to limitations of the printing process, colors pictured may not represent the true color.

[1] Applicable to non-FR fabric only

GALE PACIFIC COMMERCIAL FABRICS

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galecommercial.com

Architectural Shade Fabric specifically engineered to withstand extreme weather conditions on large scale tension structures

Made from 100% round monofilament HDPE yarn and featuring a patented intertwining knit pattern, **Commercial Heavy 430** features superior biaxial and load bearing performance for optimum shade and tensioning endurance.

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

Commercial Heavy 430

15 year UV WARRANTY KNITTED

Desert Sand
484309
492878

Black
484422
492922

Charcoal
484460
492908

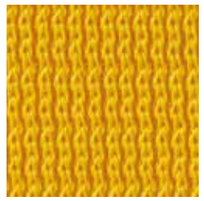
Steel Grey
484408
492854

White
485863
492847

Brunswick Green
484361
492915

Emerald
485887
492946

Bright Green
492779
492960


Yellow
485849
492830

Deep Ochre
484385
492885

Red
484484
492892

Orange
492786
492977

Natural
484347
492939

Navy Blue
484446
492861

Aquatic Blue
484323
492953

Royal Purple
492793
492984

- Patented intertwining knit pattern resulting in superior biaxial performance
- 100% round monofilament HDPE 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

Commercial Heavy 430FR

12 year UV WARRANTY KNITTED

Durability and FR compliance are now combined to create premium fabrics providing maximum performance.

GALE Pacific offers the WIDEST RANGE of FLAME RETARDANT knitted fabrics globally.

Our FR fabrics meet the most stringent Fire Standards for shade fabrics including CSFM 1237.1 & NFPA 701 across all colour variants with fabrics that offer optimum biaxial stability and tensile properties, for minimal maintenance and improved fabric life.

CERTIFIED FIRE PROTECTION SPECIALIST NFPA CFPS

REGISTERED STATE OF CALIFORNIA STATE FIRE MARSHAL FLAME RETARDANT F-27701

Commercial
Heavy
430

Commercial
Heavy
430FR

Engineered to withstand extreme weather conditions on large scale tension structures

Architectural
SHADE FABRIC

- Outdoor Recreation Areas
- Car Park Structures
- Sports Complexes

Commercial
Heavy
430

Performance		
Tensile Strength	warp	1 600 N/50mm
Elongation at max. force	warp	108%
Tensile Strength	weft	1400 N/50mm
Elongation at max. force	weft	165%
Wing tear (mean)	warp	503 N
Wing tear (mean)	weft	255 N
Burst force		2349 N
Burst pressure		3900 kPa

Fabric Properties	
Nominal Fabric Mass	430 gsm ± 20

Roll Specification	
Width	3.0m (unfolded)
Length	40m

Flammability	
AS1530.2 - Flammability Index	21

Commercial
Heavy
430FR

Performance		
Tensile Strength	warp	1400 N/50mm
Elongation at max. force	warp	70%
Tensile Strength	weft	1300 N/50mm
Elongation at max. force	weft	144%
Wing tear (mean)	warp	255 N
Wing tear (mean)	weft	272 N
Burst force		1955 N
Burst pressure		3200 kPa

Fabric Properties	
Nominal Fabric Mass	430 gsm ± 20

Roll Specification	
Nominal width	3.0m (unfolded)
Length	40m

Flammability	
AS1530.2 - Flammability Index	1
CSFM 1237.1 #	Pass- all colours
NFPA 701 #	Pass- all colours

Contact GALE Pacific for test reports and certificates

* Oeko-Tex & Greenguard applicable to non FR products only

* The results listed in this brochure are typical averages from independent testing and 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, refer to the GALE Pacific Commercial Fabrics website for latest technical performance information.

* Please note, due to limitations of the printing process, colours pictured may not represent the true colour.

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