

**CAPABILITY STATEMENT**

# Knitted Fabrics

GALE PACIFIC COMMERCIAL FABRICS

Endorsed by Cancer Council

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GALE PACIFIC COMMERCIAL FABRICS

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# ABOUT US

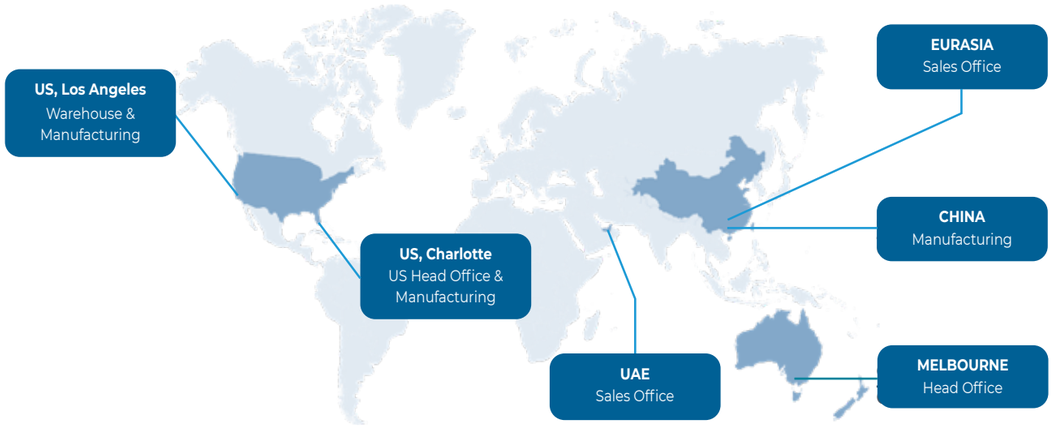
GALE Pacific are global leaders in technical textiles with global manufacturing, distribution and sales operations.

We manufacture and market a wide range of leading knitted and poly-coated fabrics under the GALE Pacific Commercial Brand.

We have worked hard to develop a reputation for innovation, quality, durability and reliability in the industries and markets we serve.

With almost 600 employees around the world and established offices in Australia, China, the United States, Europe and the United Arab Emirates, our products have withstood the harshest environments for close to half a century.

**We invented knitted shade cloth in the 1970s in Australia**, and now are market leaders globally.




## ASSOCIATIONS & PARTNERSHIPS

Endorsed by Cancer Council · GREENGUARD Indoor Air Quality Certified · DEAKIN UNIVERSITY · AWTA Product Testing · OFPANZ · APCO · IFAI Industrial Fabrics Association International · CONFIDENCE IN TEXTILES Tested for harmful substances according to Oeko-Tex® Standard 100 00000000 Institute · SGS · FSC · Certified System ISO 9001 Quality · Specialised Textiles Association MEMBER · LSAA



# Vision & Values

At GALE Pacific we don't just value diversity we celebrate it. We are committed to providing an inclusive working environment that embraces individuals regardless of gender, age and background.

Our Vision is to be the leading provider of innovative and practical products that protect and enhance the environments and lifestyles of our customers. We propose to achieve this through a commitment to embrace and live a core set of Values.

Integrity, Respect, Collaboration, People, Community and Innovation.

## INTEGRITY

We do what is right. We are honest and ethical, worthy of the trust of others. It is the price of entry to our team.

## RESPECT

Respect guides the way we operate at all levels – with consumers, customers, suppliers, investors, the community and our own team.

## COLLABORATION

We believe in the power of working together in a collaborative way. Every function and every role is as important as each other.

## PEOPLE

People are the heart and soul of our business. We continually strive to provide a safe, supportive and engaging environment for our team to achieve their full potential.

## COMMUNITY

We are proud to be part of the communities we operate in globally. We are committed to supporting local causes and operating in an environmentally responsible manner at all times.

## INNOVATION

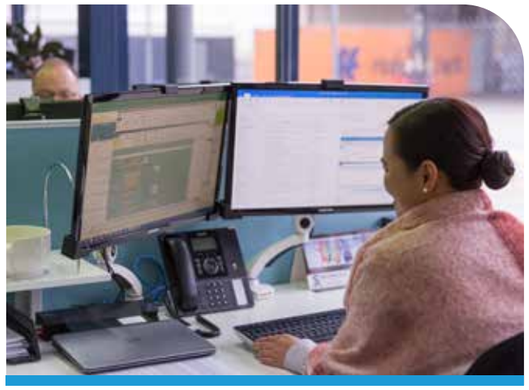
Creative thinking inspires innovation in everything we do. We seek and value ideas from our team that improve our products and provide meaningful benefits to our consumers and customers.

# WHY CHOOSE GALE PACIFIC?



## LARGEST RANGE

Only GALE Pacific offers the widest range of colours and certified **flame retardant** knitted fabrics globally.



## SERVICE & RELIABILITY

With global warehousing and distribution facilities, marketing and technical support, and a focus on quality customer service, our full team is here to help you.




## PROVEN PERFORMANCE

GALE Pacific's history, which spans almost 50 years, is testament to the durability of our fabrics to withstand the world's harshest environments.



GALE PACIFIC COMMERCIAL FABRICS

Endorsed by Cancer Council

## CANCER COUNCIL ENDORSED

GALE Pacific's knitted shade fabric range is the only shade fabric endorsed by the Cancer Council.





## SUSTAINABILITY

Our ongoing commitment to reduce resource usage and reduce waste and landfill is at the forefront of innovation.




## MARKET FOCUS

GALE Pacific invests more to better understand what our customers need.



## INNOVATION

With a dedicated R&D team and a fully-equipped sampling, testing and research facility on-site, continual innovation is a core part of our business.

# Largest Range

## The widest range of performance and design options in architectural shade fabrics.

Add creative & aesthetic value to your projects with the ultimate combination of sun protection, strength and durability to ensure maintenance-free long-life performance. With weights ranging from 340 to 430 gsm, conventional to heavy-duty, standard or flame retardant, there's a knitted HDPE fabric for any job.

GALE Pacific offers the widest range of **flame retardant (FR)** knitted fabrics globally.

**OUR PRODUCT RANGE:**

**100** **options** with over

**35** **modern colours** across

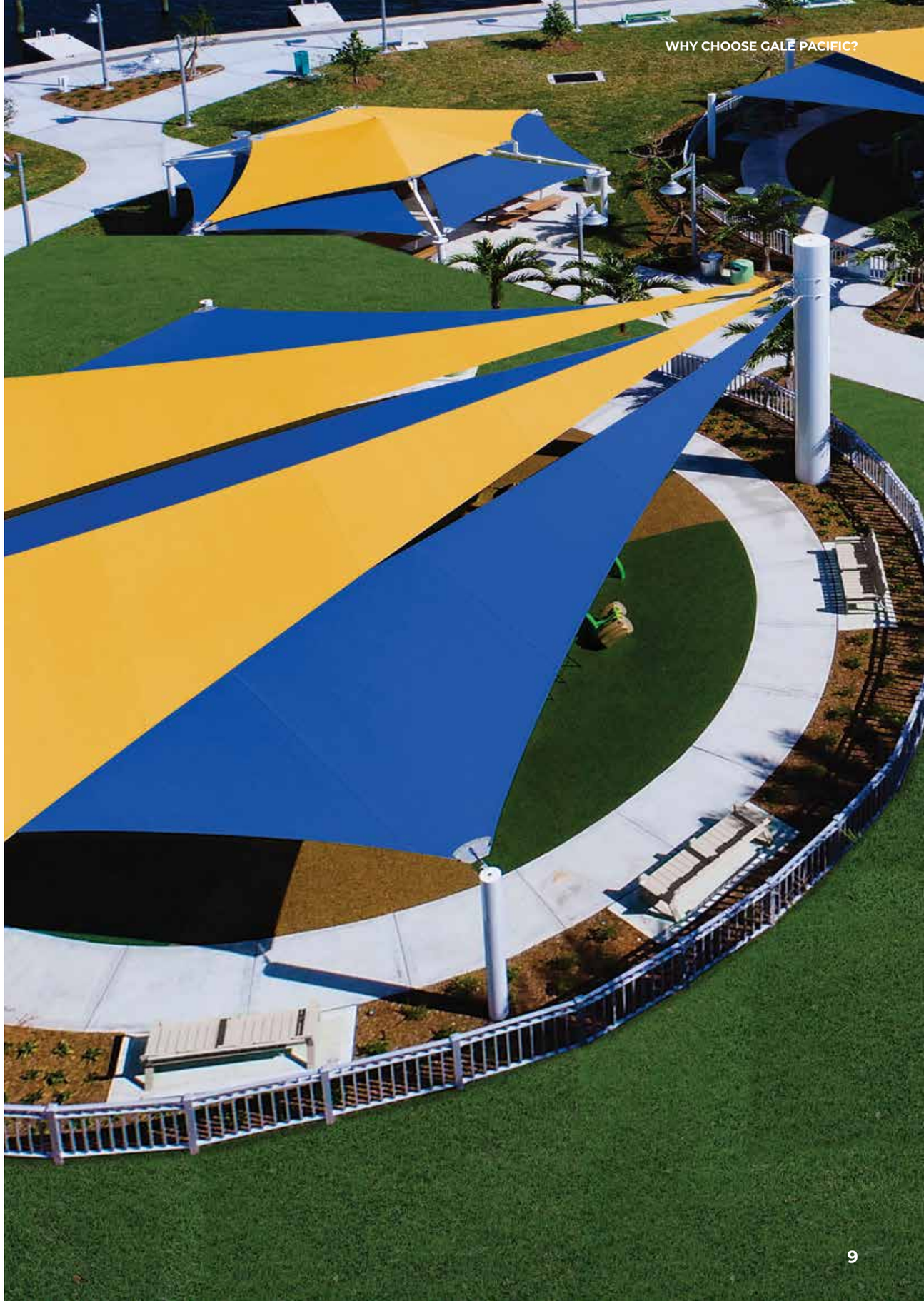
**3** **ranges** Standard & Flame Retardant

**SERVICING:**

- Architectural Shade
- Agriculture & farming
- Construction
- Government & military
- Leisure & recreation
- Schools & councils
- Mining & industrial
- Transport







# Service & Reliability

As part of our service, we partner with our customers to share industry knowledge & technical expertise through our dedicated sales team, customer service, marketing and technical support departments.

### SALES TEAM

A dedicated commercial sales team providing insights, solutions and service to the commercial market.

### TECHNICAL SUPPORT

High-quality, customer-focused technical support to ensure the right product fit for the job.

### MARKETING SUPPORT

Committed to providing customers with access to digital and print marketing collateral, swatching and product training to help you grow your business.

### LOCAL INVENTORY & DISTRIBUTION

Local inventory and distribution lead times are key to reliability and customer satisfaction. With over 100 stock-supported lines and more than 16,000m² of warehouse space, we efficiently serve local and global markets.





# Proven Performance

The GALE Pacific brand is recognised around the world as the inventors of knitted shade fabric dating back to the 1970s.




We've been selling millions of metres of fabric every year for almost 50 years. Our products withstand the harshest natural environments.

Our vertically integrated manufacturing process, along with our quality assurance batch testing, means we have complete control over the manufacturing process to consistently meet the highest standards of quality and performance.

That's why every single one of our shade fabrics comes with a full product warranty.

This means that when you compare an average pro-rata warranty over 100% full warranty, GALE Pacific has better overall warranty cover than comparable products in the market.



# Cancer Council Endorsed

GALE PACIFIC COMMERCIAL FABRICS | Endorsed by Cancer Council

## The only architectural shade fabrics endorsed by Cancer Council

### PROTECTION THROUGH EDUCATION

Cancer Council and GALE Pacific share a commitment to education and innovation in shade products that help protect Australians against the damage that can be caused by excessive exposure to UV radiation.

### THE VALUE OF ENDORSEMENT

Not all shade fabric is created equal. At GALE Pacific we take great pride in manufacturing the highest quality shade fabric using premium-grade materials that stand the test of time and provide superior UV protection.

Cancer Council has recognised the high UV protection our shade fabric provides and the endorsement from this organisation is not only of value to us but to you, our customers.

As the leading cancer charity in Australia, Cancer Council's endorsement is a trust mark and an opportunity for you to gain increased specification, particularly with schools, government and councils who will immediately recognise the organisation's strong credentials when it comes to sun protection.



WHY CHOOSE GALE PACIFIC?



Ultimately, it will give peace of mind that you're providing a shade fabric that offers a high level of sun protection. This has the power to differentiate you and your business.

Australia has one of the highest rates of skin cancer in the world. Each year in Australia skin cancers account for around 80 per cent of all newly diagnosed cancers. Around 2,000 people die from this disease every year.

**At least 2 in 3**

Australians will be diagnosed with skin cancer before 70 years of age.



# Sustainability

## To meet the evolving needs of our customers and the environment, GALE Pacific is committed to recycling and the environment.

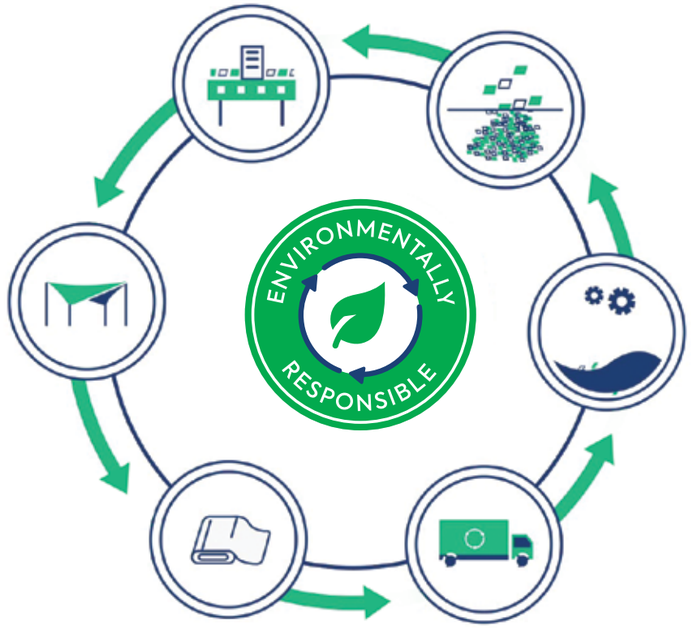
We recycle 100% of the polyolefin waste produced during our manufacturing process, and we've partnered with Deakin University and Sustainability Victoria on a project to fully close the loop in our manufacturing and waste collection process.

Our knitted and coated fabrics are made from a monopolymer material and do not require complex separation during recycling.

We follow a simple recycling process. Offcuts from fabrication and end-of-life product is collected and transported to a recycling facility, shredded and washed, and pelletised in order to create a new end product.

Working closely with our industry partners ensures that our finished products perform to the highest standards, with no compromise on quality. GALE Pacific fabrics are built to last.

Our fabrics are designed to last for years. Once they reach the end of their life, **they can be 100% recycled.**











Further building on our focus on recycling our own waste and end of life products, our fabrics are manufactured from non-PVC fabrics which are free from lead and phthalates and safe for use in most environments.

The manufacturing process for polyolefin fabrics doesn't use toxic plasticisers which can leach out of fabrics over time. By not producing harmful by-products, it is cleaner, safer and more sustainable than PVC to manufacture.

This makes GALE Pacific fabrics ideal for projects where sustainability is key.

### ENVIRONMENTAL CERTIFICATIONS/AWARENESS

100% LEAD & PHTHALATE FREE

BPA FREE

GREENGUARD
PRODUCT CERTIFIED FOR LOW CHEMICAL EMISSIONS
UL.COM/GG
UL 2818
GOLD

CLOSED LOOP

OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100
12.HUS.15194 HOHENSTEIN HTTI
Tested for harmful substances,
www.oeko-tex.com/standard100

DEAKIN UNIVERSITY

Sustainability Victoria

VICTORIA State Government

# Market focus

Over the last year, we have surveyed more than 4,000 customers across the globe to better understand what they need. Thanks to their responses, we can continue to innovate and add value to their homes, businesses, and communities.

## INDUSTRY ASSOCIATIONS

Working closely with industry associations and our industry partners helps us turn opportunities into value for GALE Pacific customers.

GALE Pacific invests more in our customers **than any other brand.**

## CUSTOMER RESEARCH

Speaking to our customers helps us understand how we can create value and help our customers solve their problems.

## TRADE SHOWS

Sponsoring major industry events and trade shows is how we share our products with a wider audience. They also allow us to better understand GALE Pacific customers and their needs.

By networking, we can discuss new technologies, learn directly from our customers about their needs and solve their problems creatively and collaboratively.



# Innovation

Our rich history of innovation began when we invented knitted shade cloth in the early 1970s and launched our first product range in 1976. Today, we are the number one name in advanced polymer fabrics for high-end commercial and industrial applications, and one of the world's largest vertically integrated shade cloth manufacturers.

Our products are designed to:

- Protect people and outdoor living environments from the harmful effects of UV rays and adverse weather conditions.
- Improve the efficiency and competitiveness of agriculture through increased crop protection, improved water conservation and better plant yield.
- Enhance architectural designs and construction applications.

We lead the way in the research, development and manufacture of technically advanced outdoor polymer fabrics. Our continued expansion into new markets is driven by our constant search for new levels of excellence and innovation.

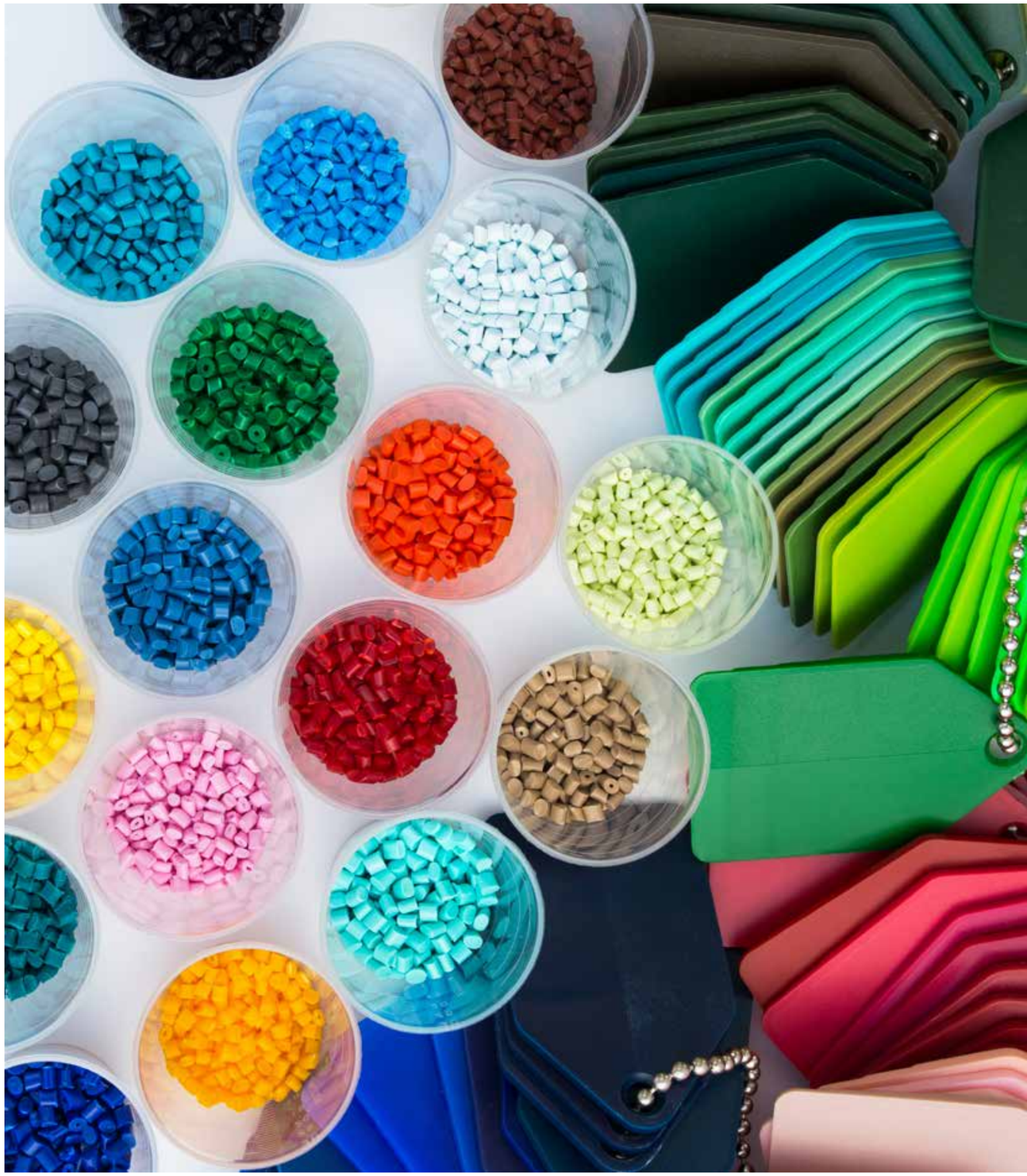
With a dedicated R&D team and a fully-equipped sampling, testing and research facility on-site, continual innovation is a core part of our business.

With a focus on close collaboration with our suppliers, governments and universities, we are constantly learning and innovating to meet new challenges.

We pride ourselves on our patents, which reflect our history of innovation and provide our customers with a point of difference in the market.




Our portfolio of market-leading products – including Commercial NinetyFive® 340, Commercial Heavy, and DualShade® – are today considered **industry benchmarks.**





WHY CHOOSE GALE PACIFIC?

# MANUFACTURING CAPABILITIES

1



### PURPOSE-BUILT FACILITY

We control every step of the manufacturing process.

2



### RAW MATERIALS

We source resin, colour and UV stabilisers from world-class suppliers.

3



### YARN EXTRUSION

We manufacture our own monofilament and tape yarns for pristine quality control.

4



### WARPING

We ensure superior fabric uniformity and greater efficiencies.

5



### KNITTING

We were the first company in the world to knit plastics.

6



### STENTERING

We heat set fabric for optimal performance including superior lay-flat properties, minimal shrinkage and biaxial stability.

7



### CUTTING & SEWING

We cut and sew in-house to maintain the highest standards.

8



100% final assembly inspection

### ASSEMBLY & PACKAGING

We assemble and package fully on-site.

**Vertical integration** delivers higher quality and flexibility




### QUALITY ACCREDITATION

Our facility is ISO 9001 accredited. Every batch is tested and accredited in-house and independently.

# Outstanding Technical Capabilities

| Parameter | Minimum | Maximum |
|---|---|---|
| **Weight (gsm)** | 20 | 600 |
| **Knitted Width (Stentered)** | 1.0m | 3.8m |
| **Rerolled and Folded** | 3m | 50m |
| **Folding Options** | Single and Double | |
| **Knitting Fibers/Yarns** | Polypropylene, Nylon, Polyester, Acrylic, Natural Fibres and others. | |
| **Features** | Flame Retardancy, Antimicrobial, Optical Brighteners. Customisation is possible. | |
| **Standard Colours** | 50+ | |





# HOW ARE OUR KNITTED FABRICS USED?

Shade fabrics **protect people and property** from excessive exposure to ultraviolet (UV) radiation. Shade fabrics also significantly reduce the radiant heat and surface temperatures.

These features provide comfort and safety, which are especially important in areas where children play and surface temperatures can pose a burn risk. Shade structures are also well-suited for car parks. Without protection from UV and radiant heat, cars can become too hot to drive safely.

People benefit from being protected from UV radiation and excessive solar heat. So do assets, like playground equipment, outdoor furniture, and cars. Shade fabrics increase the lifespan of your assets by reducing fading and deterioration. They can also be used as a physical barrier to protect against damage from the wind, rain, snow, hail, dirt, and flying debris.

We have been protecting people and property with **architectural and asset protection fabrics** since 1976.

▼ Car park shade structures keep key assets safe by protecting from UV and radiant heat.





# Applications of Knitted Fabrics

### PROTECTING PEOPLE

Protect against the damaging effects of UV radiation.

Provide comfort by reducing solar heat and reducing the temperature of surfaces that may come in contact with the skin.

▼ UV radiation, radiant heat & asset protection



▼ Physical barrier



### PROTECTING ASSETS

Protect against the damaging effects of UV radiation, which accelerates fading and deterioration.

Provide a strong barrier to solar heat and environmental damage.

▼ Asset Protection



▼ Physical barrier, UV radiation



# Architectural Shade & Asset Protection Fabric Range

## Commercial NinetyFive 340

A world-renowned benchmark in shade fabrics, designed for small to medium tension structures and shade sails.



## Commercial DualShade® 350

A patented Dual-Coloured fabric that produces a unique, iridescent effect when used in a tension structure.




## Commercial Heavy 430

A patented product specifically developed to deliver superior long-term performance for large span tension shade structures.





MARKET APPLICATIONS OF KNITTED FABRICS

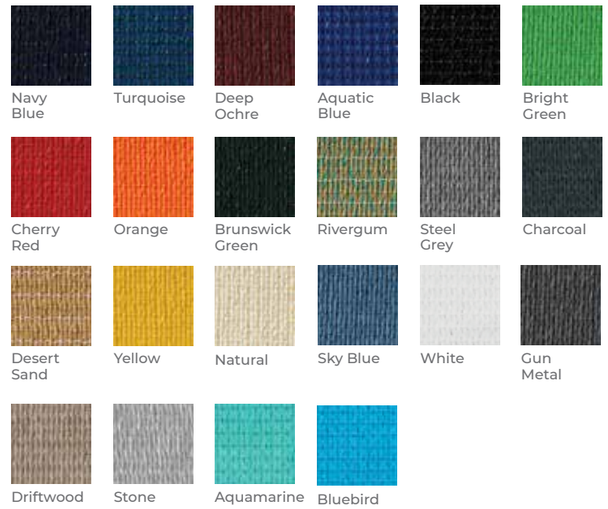
## Commercial
# NinetyFive 340

UV WARRANTY KNITTED 15 year UV WARRANTY KNITTED



**Commercial NinetyFive 340** provides the perfect blend of strength, durability and sun protection to ensure low maintenance and life-long performance.

This 340gsm fabric is suitable for a broad range of settings and is one of the most versatile and robust shade fabrics in the industry.



## Commercial
# DualShade® 350



**Commercial DualShade 350** is a revolutionary patented architectural shade fabric. A unique aesthetic is achieved when two different colour yarns are combined to create a single fabric that produces a stunning iridescent effect in the sunlight. Performance and function meet design with DualShade 350 and its transformative palette of colour combinations are perfect for projects that demand to be noticed.


Citrus


Chameleon


Macaw


Sunburst


Topaz


Amazonia


Cobblestone


Gold Rush


Capri


Maldives


Santorini


Savanna





## Commercial
# Heavy 430



**Commercial Heavy 430** is GALE Pacific's premier 100% round monofilament HDPE shade fabric. Our patented, intertwining knit pattern gives Heavy 430 fabric superior dimensional stability for easy fabrication and minimal maintenance.

Commercial Heavy 430 is designed to achieve a more premium look and feel and is backed by a 15-year warranty, the longest in the industry.

The widest colour range in its class, offering 16 bold and vivid colours to meet shade structure design requirements.

A heavyweight fabric (430gsm) designed to deliver a visually appealing look and engineered for small to large span structures.


Desert Sand


Black


Charcoal


Steel Grey


White


Brunswick Green


Emerald


Bright Green


Yellow


Deep Ochre


Red


Orange


Royal Purple


Aquatic Blue


Navy Blue


Natural

100% round monofilament provides improved abrasion resistance and water – shedding while allowing the fabric to stay cleaner longer.

# The Largest **Flame Retardant** Range Globally

The leading choice for **Flame Retardant** architectural Shade Fabric. Fifty colours across three ranges.




## Commercial NinetyFive 340FR

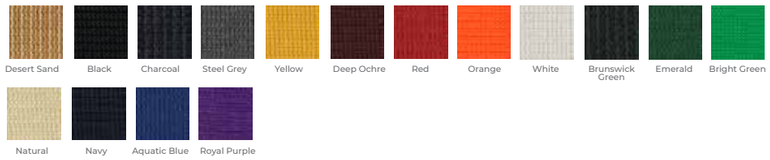






**22 GLOBAL COLOURS**

## Commercial Heavy 430FR







**16 GLOBAL COLOURS**

## Commercial DualShade® 350FR







**12 GLOBAL COLOURS**





# Comprehensive FR Testing and Certification Program

Our fabrics are the most heavily tested in the industry

**INDUSTRY-LEADING CERTIFICATIONS INCLUDING:**

| ASTM (International) | | Standards Australia (AUS) | | California State Fire Marshal (US) | National Fire Protection Association (US) | French NF Standard (EU) | Duetsches Institut fur Normung – German Stnd. (EU) |
|---|---|---|---|---|---|---|---|
| **ASTM D5034** Tensile Strength and Elongation | **ASTM D2261** Tongue Tear Strength | **AS2001.2.3.1** Max Force and Elongation | **AS2002.2.3.2** Break Force | **CSFM 1237.1** (title 19) All Colours | **NFPA 701.1** | **NF P 92 503 - 505 (M1)** | **DIN 4102** |
| **ASTM D6797** Burst Strength | **ASTM D6614** Length Stretch | **AS2001.2.10** Tear Resistance | **AS2001.2.4** Bursting Pressure | | **NFPA 701.2** | | |
| **ASTM D6614** Length Grow | **ASTM D6614** Width Stretch | **AS2001.2.19** Bursting Force | **AS4174** Shade Protection Factor | | | | |
| **ASTM D6614** Width Grow | **ASTM D737** Air Permeability | **AS2001.2.13** Fabric Properties | **AS1530.2** Flammability Index | | | | |
| **ASTM F1306** Puncture Resistance | **ASTM E84** 19B Class A (All fabrics, including FR) | **AS1530.3** Ignitability Index | **AS4174:2018** UV Effectiveness | | | | |

Protect your company's reputation and limit liability with GALE Pacific, the most trusted name in the shade fabric industry.

# Horticulture & Agricultural





Our **horticultural** fabrics create a micro-climate which promotes plant and organism growth, from greenhouses to aquaculture.

Our **agricultural** fabrics are designed with the strength & flexibility to withstand harsh weather and provide protection for livestock and equipment.





MARKET APPLICATIONS OF KNITTED FABRICS

## Quad Crossover®

Quad Crossover is a diamond-shaped knitted netting designed to provide the right balance between crop protection and maximise yields.



## Premium Hortshade®

Premium Hortshade is a high-quality knitted shade cloth for use in horticultural, agricultural and commercial applications.





# CASE STUDY
# Oakhill College

## Commercial Heavy FR Shade Sails

**Project**
Oakhill College Shade Sails

**Client**
Alfresco Shade, Oakhill College

**Location**
Castle Hill, NSW

**Product**
Commercial Heavy 430 FR

**Colour**
White

### THE BRIEF

A leading independent school based in Sydney's west, Oakhill College was seeking to redevelop an underutilised area on the school grounds. The goal was to transform the space into a multi-purpose facility, capable of supporting a diverse range of activities, from lunch breaks and social events, to outdoor classes.

To realise their vision, the school engaged Alfresco Shade to manage the installation of the large, complex shade structure.





### THE SOLUTION

The size and nature of the project presented several challenges for the team at Alfresco Shade. The area to be covered included an old swimming pool, which therefore required careful planning, excavation and installation.

Through consultation with the GALE Pacific team, Alfresco Shade recommended Commercial Heavy 430 FR. The high strength fabric was ideal for this application given its size, and being fire retardant, it gave the school added peace of mind.



### THE RESULT

With the bulk of the installation done over school holidays, the team at Alfresco Shade were able to minimise disruption for the school.

Oakhill College now has a multi-purpose space that can accommodate a range of activities and functions. Visually the area now has a modern, welcome appeal that offsets the college grounds, and the school community has peace of mind knowing the shade sails are both fire retardant and Cancer Council endorsed.



"We recommended Commercial Heavy 430 FR based on its strength and fire retardant capability.

We're seeing increasing demand for FR fabric in several sectors, particularly councils, and some segments within the education industry."

Ben Westcott, Alfresco Shade



# CASE STUDY
# Whitfords Nodes Park

## DualShade Fabric

**Project**
Whitfords Nodes Park

**Client**
West Coast Shade

**Location**
Hillarys Beach Park, WA

**Product**
DualShade®

**Colour**
Santorini

### THE BRIEF

Forming part of the greater development plan for the Health and Wellbeing Hub at Whitfords Nodes in WA, the Hillarys Beach Park had undergone a transformation.

The redesign covered several older play zones previously found around the area which were outdated and offered little relief from the sun.

The City of Joondalup's Landscape Architect for the project, Peter Pyrchla, explained that some of the key features — including shade sails — would be chosen specifically to reflect the bright summer tones of a "beach ball".





### THE SOLUTION

The shade material had to meet stringent standards to ensure it could withstand heat, strong winds and harsh coastal conditions.

DualShade® 350 is manufactured using a knit pattern that features a single colour on one side and a complementary colour on the other side.

Combined with a UV block rating of up to 93.6%, DualShade® 350 achieves maximum durability using high-quality, UV-stabilised yarn with our patented intertwining knit pattern.

These characteristics make DualShade® 350 a more stable fabric that achieves superior long-term performance and maintains an even distribution of force while under tension.

### THE RESULT

Visually, the park boasts a clean and modern look that blends in naturally with the coastal landscape.

Overall, the pearlescent effect of DualShade® 350 provides the City of Joondalup Council with an innovative and refreshing way to enhance the Whitford Nodes Beach Park.

What's more, DualShade helps reduce the frequency of having to re-tension the structure, lowering maintenance costs and resulting in longer fabric life.

> "DualShade was really good to work with, it handled just like Commercial 95."
>
> West Coast Shade







# GALE Pacific Limited

Established in the 1970s and with offices around the world, GALE Pacific is a leading manufacturer of high-performance fabrics for domestic, commercial and industrial applications.

Our friendly team of expert consultants can support you by providing expert advice and an industry-leading product range.

We make it easy for you.

**1800 331 521** **galecommercial.com**



GALE PACIFIC COMMERCIAL FABRICS

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