As a leading textile manufacturer and fabric engineering company, Gelvenor Textiles has been an industry innovator since 1965. Our products include a variety of aeronautical textiles, industrial fabrics, protective workwear, technical apparel and high performance outdoor textile fabrics.

Over five decades of pushing the boundaries to unlock the possibilities of textile fabrics — driven by a passion for science, creativity and superior product performance — has resulted in a wide range of internationally acclaimed and trusted fabric solutions that meet the diverse needs of our customers.

As the first African manufacturer of aeronautical fabrics, our history is characterised by willingness to enter speciality markets where others fear to tread. Our achievements in innovative fabric solutions have shaped and influenced both the South African and international textile industries.

These achievements include pioneering a water-based coating for parachutes, producing South Africa’s first flame retardant fabric and — since 1994 — holding the title of Africa’s largest weaver of aramid fabrics for ballistic protection.
TRIED, TRUE AND INDEPENDENTLY TESTED

At Gelvenor, we place an emphasis on excellence to ensure that all of our fabrics live up to our quality promise. To this end, all fabrics undergo extensive testing at the accredited and independent Advanced Textile Services (ATS) laboratory.

Established over 2 decades ago, ATS uses a range of global testing methods and market leading technology to implement physical and colour fastness testing on fabrics produced by Gelvenor as well as other fabric and garment manufacturers or retailers. The facility is ISO accredited; certified by both the Edcon and Woolworths Groups, and employs highly qualified staff to ensure that all testing meets internationally accredited standards.
50 YEARS OF DEVELOPMENT, PRODUCTION EXPERIENCE AND TECHNOLOGICAL ADVANCEMENT HAVE ALLOWED US TO CONSISTENTLY DELIVER CUTTING EDGE SOLUTIONS AS A REPUTABLE AERONAUTICAL FABRIC MANUFACTURER.

HAVING PIONEERED THE INTRODUCTION OF AERONAUTICAL FABRIC TO THE AFRICAN MARKET IN 1967, GELVENOR TEXTILES HAS CONTINUED TO INNOVATE IN THIS FIELD, MANUFACTURING HIGH PERFORMANCE TEXTILES WHICH ARE DISTINCTLY SUPERIOR IN QUALITY AND DESIGN.

As the world’s only aeronautical fabric manufacturer which conducts the entire production process in-house, Gelvenor Textiles is able to develop specialised, technical solutions from the base up and take full responsibility for the end product. From weaving, dyeing and finishing, we are able to inject our expertise into every step of the manufacturing process.

PARACHUTES
HOT AIR BALLOONS
PARAGLIDERS
AIRCRAFT COVERINGS
KITES
PARASAILS

Advanced yarn technology ensures that our aeronautical textiles are durable, lightweight and boast a high tear resistance and low pack volume. These qualities have established Gelvenor Textiles as a reputable global aeronautical fabric supplier.
YEARS OF INTENSIVE RESEARCH, A WILLINGNESS TO INNOVATE AND AN EXTENSIVE TESTING PROCESS, HAS SEEN GELVENOR TEXTILES EXCEL IN DEVELOPING AND PRODUCING FABRICS WITH PROTECTIVE QUALITIES.

WHEN PRODUCING PROTECTIVE CLOTHING, THE FABRIC USED TO CONSTRUCT THESE GARMENTS IS THE KEY TO ENSURING THE SAFETY OF THE WEARER. WHILE GARMENT DESIGN AND PRODUCTION STANDARDS PLAY AN IMPORTANT ROLE, IT IS ULTIMATELY THE FABRIC THAT IS RESPONSIBLE FOR DELIVERING PROTECTION.

In our state-of-the-art factory, we are able to engineer practical material options for a large range of textile applications, including a collection of protective fabrics that offer extensive solutions to various environment and industry specific work hazards. These hazards include industrial chemicals, hot metal splashes, fire, ballistics, electric arc and medical contamination.

As the first South African company to produce an inherently flame retardant fabric, Gelvenor Textiles is the industry leader in this field. Driven to innovate, we combine our expertise gained from different textile technologies to improve on existing fabrics and develop new solutions that are cost effective, while delivering increased protection and durability.
OUR AFFINITY FOR DEVELOPING NEW SOLUTIONS HAS SEEN OUR REVOLUTIONARY PROTECTIVE FABRICS SERVICE A VARIETY OF INDUSTRIES.

WHAT SETS GELVENOR TEXTILES APART IS THE ABILITY TO PUSH THE BOUNDARIES OF FABRIC MANUFACTURING TO CONSTANTLY DEVELOP NEW PRODUCTS AND IMPROVE EXISTING PRODUCTS TO MEET THE NEEDS OF OUR CLIENTS.

Gelvenor Textiles produces a collection of flame retardant and electrical arc resistant fabrics. These fabrics are not treated but have been meticulously engineered so that each thread carries inherent flame retardant properties to offer the wearer complete and long term protection. Both our flame and arc resistant fabrics have been externally tested and certified to EN and NFPA Standards. We are also able to add an acid resistant finish to most of our fire retardant and arc resistant fabrics for additional protection.

Our fire retardant range makes use of Protal®, Alumax and Nomex® fabrics, while the technical workwear and military fabric ranges make use of some of the most durable fabrics on the market to deliver guaranteed strength and protection. As a preferred weaver of Para-Aramid yarns, Gelvenor Textiles develops hard and soft ballistic protective fabrics which are renowned for their strength and durability. We also produce a range of fabrics for use in the medical industry, which can be treated with our preferred anti-microbial Silver Plus® to form an environmentally friendly bacteriostat.

Driven by a passion for innovation, we consistently deliver solutions that reduce costs while introducing new qualities that increase both protection and durability. All fabrics produced at Gelvenor Textiles are tested using a number of internationally recognised methods at the SANAS accredited independent ATS laboratory for conformance.

PROTECTIVE & WORKWEAR

Proud Protal Partnership Member

Protal
Solutions by maxman
AS A RENOWNED INNOVATOR IN INDUSTRIAL FABRIC DEVELOPMENT AND PRODUCTION, GELVENOR TEXTILES PRODUCES A RANGE OF SPECIALISED FABRICS SUITABLE FOR VARIOUS APPLICATIONS. WE MANUFACTURE A SELECTION OF SPECIALISED FABRICS SUITABLE FOR THE MINING, TRANSPORTATION, GEO-TECHNICAL AND COMPOSITE SECTORS, AND ARE COMMITTED TO INNOVATING NEW TEXTILE TECHNOLOGIES.

We manufacture a wide range of custom engineered, precision woven synthetic fabrics produced from high tenacity polyamide, polyester, aramid, glass or polypropylene in either multi-filament or spun fibre form.

Gelvenor produces three ranges of industrial fabrics. Our Scrimnet range includes cross laid products where yarns are restless over one another and then dipped into an adhesive and heat set. Our Multi-Axial range includes high strength 3D fabrics which are used predominantly for reinforcement and are manufactured on our innovative multi-axial machine. Finally, our woven range includes a wide variety of medium and heavy weight industrial fabrics which can be manufactured at a selection of widths using our weaving machines.
WE HAVE DEVELOPED UNIQUE FABRIC TECHNOLOGIES TO OFFER EXTENSIVE BENEFITS TO OUR CLIENTS TO MEET THEIR SPECIFIC REQUIREMENTS.

GELVENOR TEXTILES FOCUSES ON A DRIVE FOR INNOVATION IN FABRIC PRODUCTION. THIS HAS RESULTED IN MANY UNIQUE TECHNOLOGIES AND SPECIALY ENGINEERED RAW MATERIALS WHICH PROVIDE APPAREL SOLUTIONS FOR INDUSTRIES SUCH AS THE MILITARY, HOSPITALITY, SCHOOL, SPORTSWEAR, CORPORATE AND MEDICAL ARENAS.

Our apparel fabrics include:
- 100% Polyamide
- 100% Spun Polyester
- Microfibre
- Polycotton
- Polyviscose

Our apparel fabrics are designed to be durable, provide long-term colour fastness (protection against washing and exposure to light) and have easy care properties that meet the demands of today's busy lifestyles.

SCHOOL WEAR
CORPORATE WEAR
URBAN OUTDOOR
JOB WEAR

Comfort and long-term performance are key attributes that we take into consideration when ensuring that our fabrics perfectly meet the needs of our customers, and the raw materials we use are carefully selected for their longevity and robust properties.
GELVENOR TEXTILES PRODUCES A RANGE OF HIGH PERFORMANCE FABRICS, SPECIALY DESIGNED FOR CREATING CLOTHING ARTICLES, ACCESSORIES AND PROTECTIVE APPLICATIONS TO WITHSTAND A VARIETY OF OUTDOOR CLIMATES. THROUGH EXTENSIVE RESEARCH WE HAVE ASSESSED MULTIPLE MARINE, MILITARY, SPORTS AND OUTDOOR APPLICATIONS TO IDENTIFY THE PERFORMANCE STANDARDS REQUIRED FROM GARMENTS AND FABRICS SERVICING THESE MARKETS.

Our outdoor fabrics have been developed against the backdrop of extensive research into both climatic conditions and market requirements. Using a number of innovative fabrics such as microfiber polyamides, high tenacity polyester and lightweight nylon, we manufacture these various high performance products and can apply a variety of finishes to ensure UV protection, moisture management and repellent, insect repellent and antimicrobial properties.

Each of the fabrics developed for our outdoor range is tested extensively by the SANAS accredited independent ATS laboratory to ensure that we meet the high standards we have set for ourselves and consistently deliver quality products to our customers.

TENTING
LIFE JACKETS
SAFARI GEAR
SLEEPING BAGS
BACKPACKS/PARAPACKS
SHELTERS
GELVENOR FOOTPRINT

BERN, SWITZERLAND
A country which promotes an outdoor and active lifestyle, Switzerland is one of our most popular markets. We also supply some of their European neighbours, including Spain, Italy, Germany and the Czech Republic.

MOSCOW, RUSSIA
Due to its sheer size, The Russian Federation is a large consumer of Gelvenor fabrics. So much so that it falls within the top 3 of our export destinations.

BEIJING, CHINA
China is another one of our popular export markets. We also export a large amount of fabrics to their Asian neighbours, Vietnam.

NEW YORK, USA
The United States is one of our largest export markets. Their strict quality standards ensure that we are consistently producing fabrics which are of a superior quality.

DURBAN, SA
Gelvenor headquarters are based in Durban, South Africa. It is therefore no surprise that our fabrics are exported throughout Africa with Botswana, Zimbabwe, Swaziland, Egypt, Madagascar and Kenya being our most popular markets.

SYDNEY, AUS
Our specialised fabrics can be found in Australia as it falls in the top 5 of our most popular export markets. Our fabrics are also regularly exported to a rapidly developing market in Singapore.