



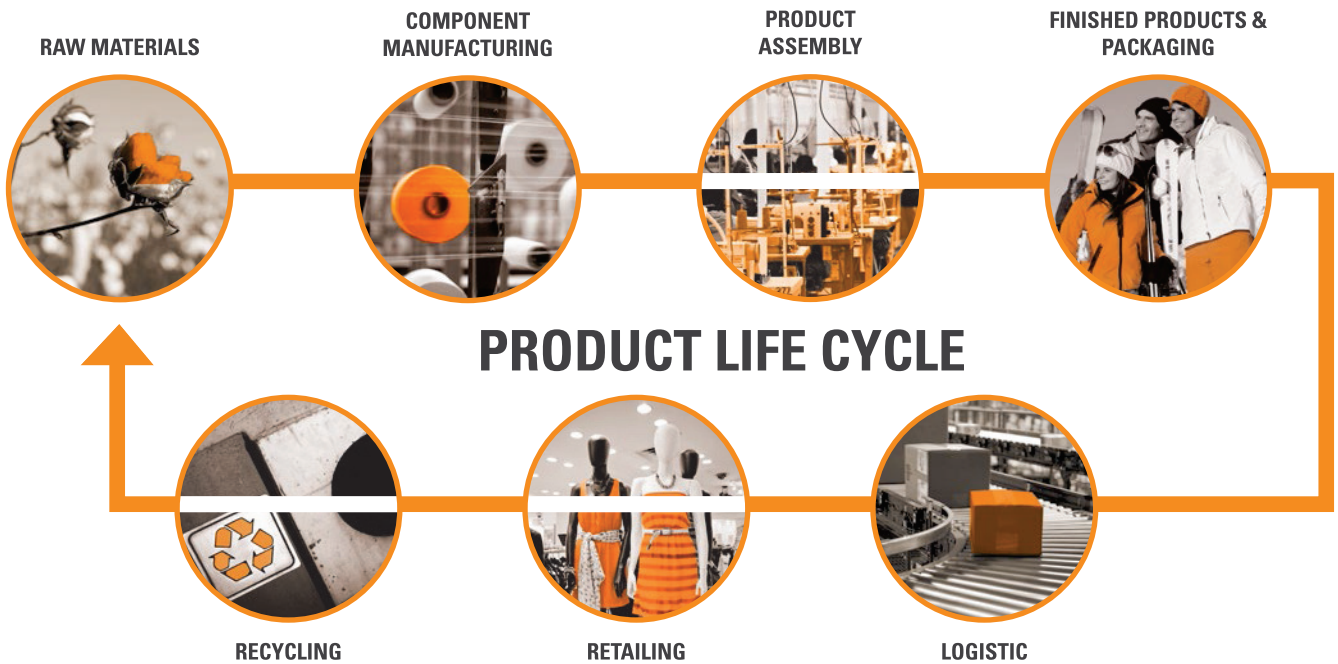
SUPPLY CHAIN AND SUSTAINABILITY SOLUTIONS FOR THE OUTDOOR INDUSTRY

DRIVING BUSINESS INNOVATION AND VALUE WITH SUSTAINABILITY



SGS

WORKING TOGETHER TOWARDS SUSTAINABILITY AND BUSINESS PARTNERSHIPS



CURRENT BUSINESS CLIMATE

The boundaries between performance wear and everyday fashion clothing are becoming blurred. Performance apparel is no longer confined in a niche market, but are now seen as a rapidly growing apparel market.

With many challenges in the world's economy and its uncertain future outlook, many performance wear and outdoor product brands are looking for new business opportunities to enhance their competitive edge through incorporating new functions or greater performance in garments by using new technology. These new opportunities help build positive brand reputation, brand loyalty and fill needs in emerging markets.

PERFORMANCE AND USER EXPERIENCE MATTERS

When purchasing a functional garment or performance wear, consumers consider garment functions, performance, value for money and brand's reputation in their buying decisions. Brand's reputation, spread by word of mouth as a result of end user experience, may be derived from product safety, comfort and deliverable performance against manufacturer's claims. Regulatory

compliance as well as environmentally and socially sustainable manufacturing also is a consideration.

From the end consumer's point of view, many would pay a premium for products that have functionality specific to the requirements for use. Thus, it is critical for brands and retailers to ensure that the performance wear they produce meets or exceeds consumer's expectations.

DRIVING BUSINESS INNOVATION AND VALUE WITH SUSTAINABILITY

The adoption of a sustainability approach to manufacturing may reduce the ecological impact of the business operation across the supply chain and may make it more streamlined and efficient. Sustainable manufacturing also can be a means to build positive brand image and brand loyalty.

Sustainability approaches include taking into account the environmental and social impact of operations, such as adopting green chemistry and upstream chemical management to enhance product compliance and environmental health and safety. Product life cycle thinking also can be considered. This includes factors such as the selection

of raw materials, use of technologically innovative production methods and applying sustainable thinking all the way to retailing and disposal of the end products.

SGS has the expertise and the industrial knowledge to assist you to make the first step towards your corporate sustainability commitments.



PERFORMANCE WEAR AT A GLANCE

Performance wear and outdoor textile products have specific requirements for fabric, lining, and accessories. At SGS we test fabrics, fabric systems and finished garments in order to determine whether there are any obvious pitfalls that could affect the garments while being used for the outdoor activity for which they are designed. With a dedicated functional textile and garment laboratory, SGS provides a full range of testing, support on research and development for a range of functional parameters associated with textiles, garments and related performance products.



EASY CARE:

- Wrinkle Resistance
- Crease Retention & Recovery

STAIN RESISTANCE:

- Oil Repellency
- Aqueous Repellency
- Soil Release



COMFORT:

- Moisture management
- Waterproof
- Water vapour breathability
- Windproof
- Warm Keeping

PROTECTION:

- Solar UV Protection
- Weathering Resistance
- Anti-static
- Anti-mosquito
- Near Infra-red reflectance



WELLNESS:

- Anti-bacteria Deodorisation
- Far Infrared Emissivity
- Minus Ion

DELIVERING A **COMPETITIVE** EDGE

PRODUCT TESTING

In addition to functional testing, SGS offers a range of physical and restricted substance testing services. Not only can we develop quality assurance programmes that fulfil your needs but we also are competent to integrate your quality concerns with global regulations for the destination markets to which your functional garments will be distributed and sold.

PERFORMANCE MARK

With the dual assurance system of product testing & monitoring the production system to ensure products safety, consumers can be confident that products carrying the Performance Mark conform to the highest standards of green market requirements and consumer expectations. The use of this mark on your products will definitely provide competitive advantages and product differentiation from your competitors.

PARTNERSHIP WITH BLUESIGN



SGS increased the strategic acquisition of bluesign technologies ag shareholding from 50% to 80% in July 2011. This partnership

results in the enhanced synergy of bringing innovative, reliable and practical solutions to the textile industry to tackle global sustainability challenges. The Switzerland based company specialises in the end-to-end management of Environmental, Health & Safety (EHS) issues along the supply chain. For more information on bluesign® system, please visit www.bluesign.com.

INSPECTION

Inspections check product compliance at every stage of production and delivery. Our services in this area include Initial Product Check (IPC), through to During Production Check (DUPRO) and Final Random Inspection (FRI). We also assist clients in inspection of claimed goods through our Claim Inspection Services. SGS conducts pre-shipment inspection (PSI) for exporters as mandated by governments of the destination country for custom clearance purposes.

TECHNICAL CONSULTANCY

United by a global technical platform, our multi-disciplinary experts worldwide are able to offer technical consultancy services ranging from product specifications support at pre-production stage, technical requirements needed to enter various emerging markets, and store returns.

SYSTEMS & SERVICES CERTIFICATIONS

With over 30 accreditations, SGS provides numerous certifications and training that are suited to your needs, business types and company's locations. Other innovative and value-added services such as tailor-made technical audits, report verifications, scoring auditing etc also are available to assist our clients to build distinctive competitive advantages.

SUSTAINABILITY REPORTING

Sustainability Report Assurance helps demonstrate the credibility of your commitment to sustainability and sets you apart from the competition. SGS offers both training and sustainability reporting assurance on GRI or other schemes. With a range of options, sustainability reporting will demonstrate your organisation's commitment to customers and stakeholders. It also ensures that all social and environmental information published is accurate and correct.

SOCIAL RESPONSIBILITY SOLUTION

Acting on behalf of buyers worldwide, SGS helps to reduce sourcing risks for its clients by verifying the capability of manufacturers to meet contract requirements for quality, quantity and delivery terms, and by making sure manufacturers are engaged in lawful, humane and ethical manufacturing.

ENVIRONMENTAL SERVICES

In today's market, consumers and other stakeholders within the textile supply chain have heightened their concerns and awareness regarding the environment. As a result, brands and retailers need to ensure their products are manufactured in an environmentally-sound manner. SGS offers a range of environmental testing, audit and consultancy services such as wastewater and sludge testing, environmental risk identification and assessment as well as compliance audits.

CARBON & ENERGY EFFICIENCY

To help companies position themselves in today's market place and to tackle the challenges of environmental and climate change concerns, our sustainability experts offer full services to evaluate the energy and greenhouse gas performance of a system or a product. The implementation of eco-design management can enhance the eco-profile of the products. Our life cycle analysis and carbon footprint services help identify solutions for improvements related to material choice, energy consumption and reduction, packaging and logistic optimisation.



UNRIVALED SERVICE SCOPE

TEST STANDARDS

- AS for Australia
- AATCC and ASTM for USA
- BS for United Kingdom
- CAN, CSA for Canada
- DIN, LFGB for Germany
- NF for France
- GB, GB/T, HG/T, QB/T for China
- JIS for Japan
- ISO, CEN, EN for Europe/International
- Plus many more...

ACCREDITATIONS

- Our laboratories are ISO 17025 accredited from various organisations (DAkKS, UKAS, CNAS, HKAS, TAF, NABL, etc)
- Accredited by CPSC for conducting tests in compliance with CPSIA requirements
- Audit services are ISO 17021 accredited
- Inspection services are ISO 17020 accredited

WHY SGS?

SGS is the world's leading inspection, verification, testing and certification company. We are recognized as the global benchmark for quality and integrity. With more than 80,000 employees, we operate a network of more than 1,650 offices and laboratories around the world.

Global Softlines at SGS has an extensive network of over 40 laboratories worldwide, with a strong team of committed professionals from multi-disciplinary backgrounds. Our internationally accredited state-of-the-art testing laboratories offer a comprehensive range of physical, chemical and functional testing services for components, materials and finished products. We help your company ensure quality, performance and compliance with international, industrial and regulatory standards worldwide. We understand sustainability is an integral part of doing businesses. With our global reach, local market knowledge and harmonised approach, brands, retailers & manufacturers trust us to deliver hassle-free, safe and expedient solutions

PRODUCT TESTING

Functional, physical and chemical testing on:

- Garments
- Textiles
- Feather & Down Products
- Tents
- Sleeping Bags
- And many more...

PHYSICAL TESTING

- Composition & Construction Analysis
- Dimensional Stability (Shrinkage)
- Colourfastness
- Tensile & Bursting Strength
- Abrasion Resistance
- Flammability Tests
- Care Label Recommendation

throughout the textile and footwear supply chain. Discover more at www.sgs.com/softlines

SGS e-publications and e-newsletters are designed to keep you and your business up-to-date with the latest industry news, updates to standards and regulations, information on product recalls, market trends, business developments and invitations to events and webinars. Subscribe for free at www.sgs.com/consumersubscribe

INTEGRITY AT SGS

Integrity lies at the heart of SGS. The trust that we inspire in our customers and stakeholders is the key to our success as an organisation and as individuals. As leaders in our industry, we hold ourselves to the highest standard of professional behaviour. The SGS Code of Integrity defines the main principles of professional integrity for the SGS Group. Please visit www.sgs.com/en/our-company/compliance-and-integrity/integrity-at-sgs.aspx

REGULATORY COMPLIANCE

- EU REACH
- US CPSIA
- US Cal Prop 65
- Washington State CHCC
- Canada's CCPSA
- China's Product Standards
- Taiwan's Regulations (CNS)
- Korea's Regulations (KC Mark)
- Plus many more...

CHEMICAL TESTS

- Restricted Substances Testing Services (RSTS)
- REACH SVHC Screening
- And many more...

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WHEN YOU NEED TO BE SURE

