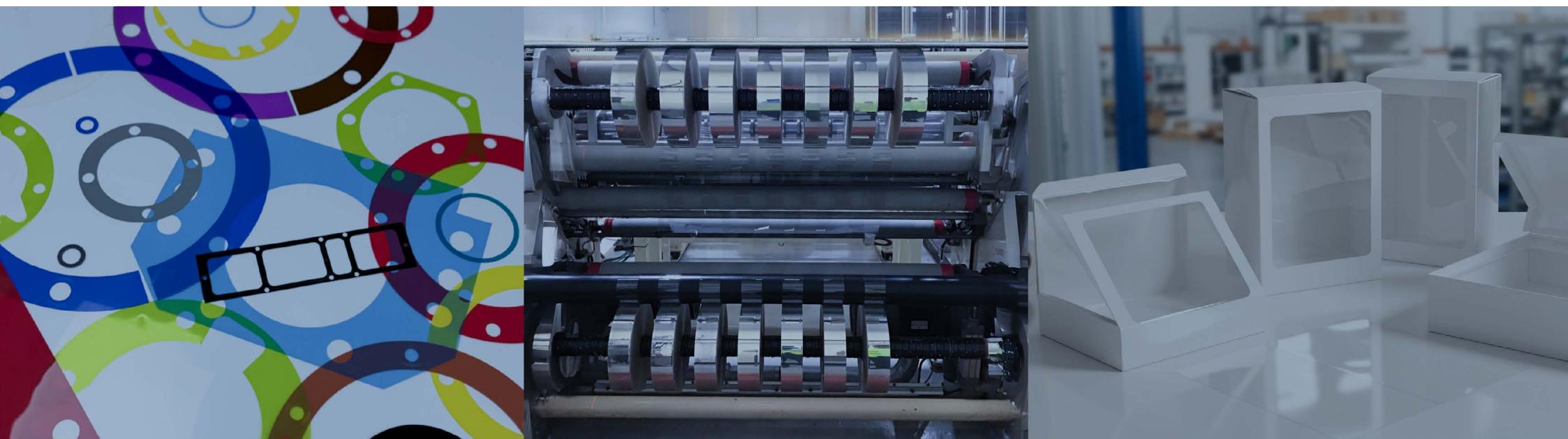




Precision. Innovation. Reliability.



Shaping Performance Where Precision Counts

From humble beginnings, PSG Group International has grown into a trusted leader in the production of specialist plastic films, plastic shims, insulators, die-cut components and gaskets, expanding both organically and through strategic acquisitions. Today, we provide an extensive range of technical processing capabilities, applying care and expertise to the engineering and conversion of materials.

Our specialist divisions provide precision-engineered solutions to a wide range of industries, including packaging, aerospace, automotive, and medical. From **high-performance** industrial films and polymer shims and gaskets to archival films and expert trade conversion services, PSG Group International delivers exceptional quality where accuracy and reliability are essential. We also supply an extensive selection of industrial films for use across numerous sectors, including specialised applications within diverse industries.

Our Divisions



All divisions share a common goal to pursue world-class quality and customer service standards. Our divisions are recognised as an expert in their sector, providing high levels of technical support and advice worldwide.



Scan Me



Our Brands



E | **Enviromex®**

We Are Precision... We Are PSG



F | **Polymex®**

We Are Precision... We Are PSG



V | **Valumex®**

We Are Precision... We Are PSG

Our Accreditations

BRGS
Packaging Materials
CERTIFIED



 **printreleaf™**

Carton Window Films



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PSG Group International proudly supplies Polymex®, Valumex® and Enviromex® to the **carton and packaging** industries.

Our **PET films (Polyethylene Terephthalate)** are valued for their exceptional strength, crystal-clear clarity, and excellent barrier properties.



For businesses looking to combine performance with sustainability, our **BRCGS** Certified films can contain **30% post-consumer recycled (PCR)** content, with options to increase to **60% or even 90%** where required. This provides an environmentally responsible packaging solution that maintains the same outstanding clarity, strength and reliability as virgin material.



For those seeking even greater **sustainability** credentials, we also offer **biodegradable** film options, helping our customers reduce their environmental footprint without compromise.



Specialist Films – Applications Across Key Industries



Scan Me

Specialist **plastic films** are essential across diverse industries, providing protection, performance and presentation.

Key sectors include:



Medical & Surgical

Films for sterile packaging, wound care, drapes and diagnostic devices.



Food & Beverage

Films for hygienic packaging, shelf-life extension and tamper-evident seals.



Archival & Conservation

Stable, inert films for document preservation and photographic



Automotive & Aerospace

Durable films for component protection, masking and insulation.



Industrial & Engineering

Technical films for laminates, gaskets, shims and barriers.



Specialist Films – Applications Across Key Industries



Scan Me

Specialist **plastic films** are essential across diverse industries, providing protection, performance and presentation.

Key sectors include:



Pharmaceutical

Films for blister packs, barrier packaging and contamination



Financial & Security

Films for payment cards, ID cards and secure documents.



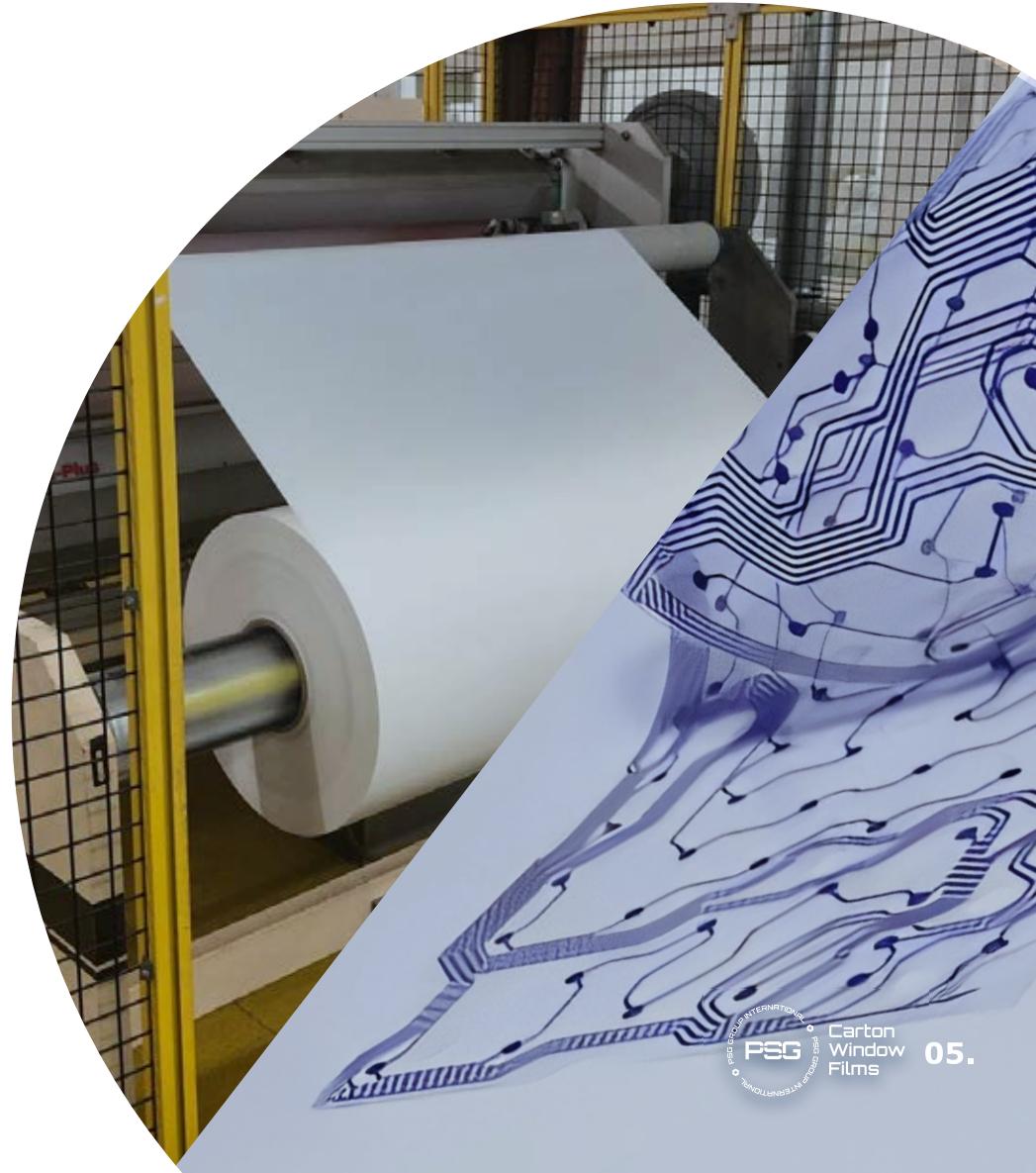
Electronics

Precision films for insulation, component separation and cleanroom use.



Printing & Graphics

High-clarity, printable films for labels, overlays and displays.



From these sectors and many others, our experience delivers solutions that make a real difference to your business

Corona Treated Options



PSG Group International offers both **Single-Sided** and **Double-Sided Corona Treatment** for films, tailored to your specific requirements. We can add corona treatment to your materials as part of our Trade Conversion Services, enhancing the surface to improve adhesion for printing, coating, or lamination.

Corona treatment increases the surface energy of plastic films, helping inks, coatings and adhesives to adhere more effectively. This results in stronger bonds, improved **print quality** and a consistent finish, making it ideal for packaging, labelling, printing, laminating and converting applications where reliable performance and a **high-quality** appearance are essential.



Partner with PSG for innovative specialist film solutions that protect, preserve, and present products at their best.



Scan Me 06.

Plastic Shims and Gaskets



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PSG Group International pioneered the development of colour-coded polymer Shimstock under the trusted Polymex® brand, recognised worldwide for its fast, accurate thickness identification and exceptional performance in even the most demanding environments.



Our Shimstock is manufactured from two premium materials:

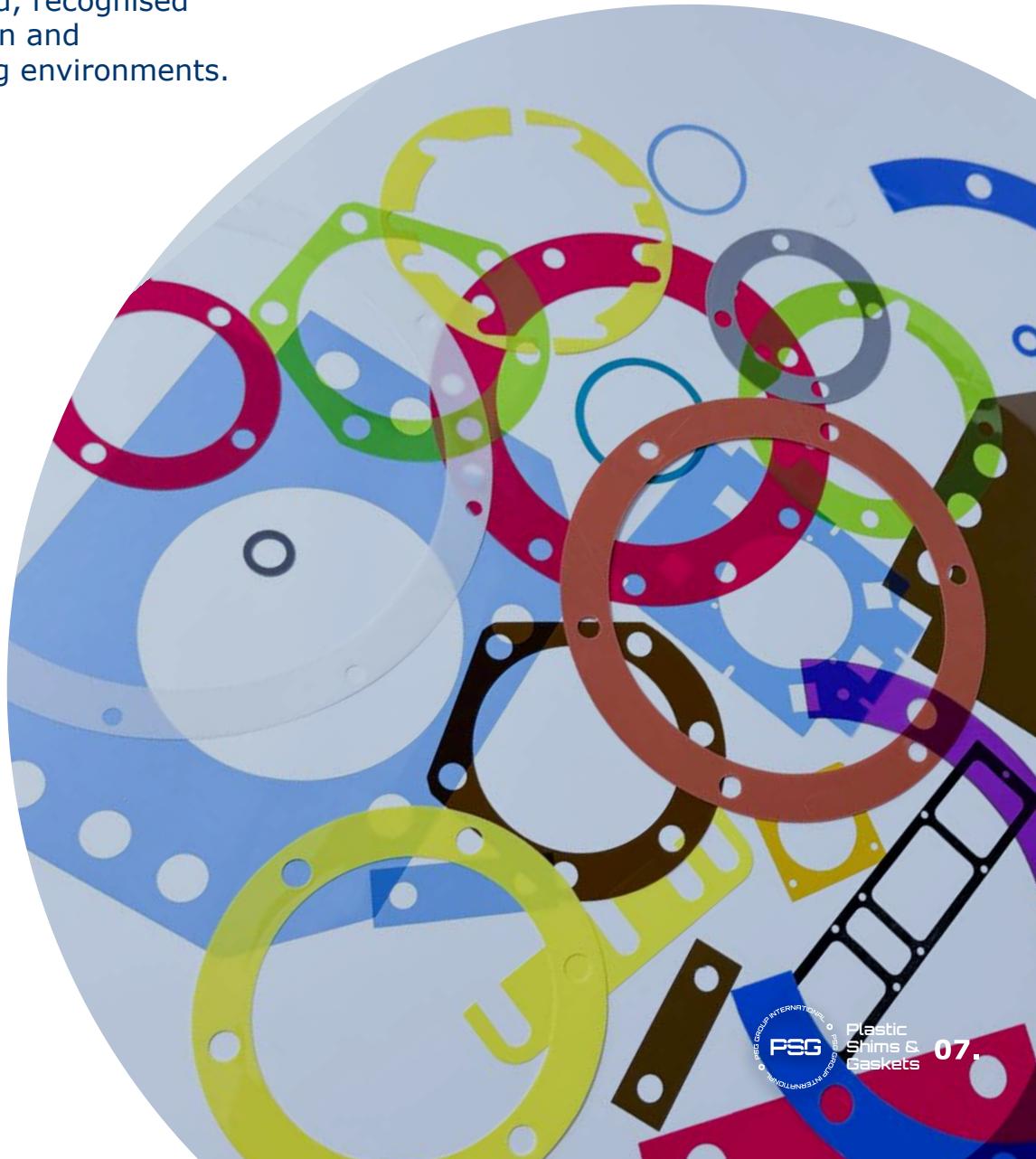
- **Polymex® A (Polyester):**

Exceptional strength and dimensional stability with outstanding moisture resistance, ideal for precision engineering and high-performance applications.

- **Polymex® B (Polypropylene):**

Lightweight, resilient and highly resistant to chemicals, offering excellent versatility across a wide range of industries.

Trusted worldwide, Polymex® Shimstock are the benchmark for quality and consistency.



Plastic Shims and Gaskets



Why Choose Polymex® Shimstock?

- **Instant identification:**

Colour-coded thicknesses from 12 μ to 3000 μ , eliminating the need for a micrometre and reducing assembly errors.

- **Reliable performance:**

Non-hygroscopic, oil-resistant, corrosion-resistant and non-conductive.

- **Engineered to last:**

Maintains form under pressure, with excellent insulation properties, low friction and high compressive strength.

- **Flexible supply:**

Offered as sheets or precision-cut shapes, such as shims, spacers, washers, gaskets, and insulators, manufactured to your technical drawings.

Trusted worldwide, Polymex® Shimstock are the benchmark for quality and consistency.



Specialist Shims for Precision Engineering

Achieve perfect alignment and tight tolerance in precise assemblies with our specialist shims. They effectively eliminate gaps, reduce vibration, and ensure durability across critical applications:



Automotive

For engine calibration, clearance control, and component alignment.



Aerospace

Applied in high-precision aerostructures and aircraft systems.



Electronics

Maintain accurate spacing and positioning of delicate components.



Industrial

Ideal for machining fixtures, machine levelling, and alignment.



Specialist Applications

Wherever tight tolerances are critical.

Available Materials

We produce shims, spacers, gaskets, and insulators in an extensive range of high-performance substrates:

**Rubber • Cork • Tape • Foam • Nylon • Co-polymer
Acetate • Metals • LDPE • HDPE • Kapton® •
Formex® • Gap Pad® • Sil-pad® and equivalents •
Silicone • Sponge • Telbex® • PVC**

...plus many other specialist materials.

**Custom engineered. Reliable delivery.
Precisely matched to your requirements.**



Scan Me



Archival and Conservation Materials

Polymex® archival films are trusted worldwide to provide reliable, long-term protection for delicate and valuable materials.

Available in rolls of varying widths and thicknesses, our films provide versatile solutions for professional storage, handling, and conservation, making them ideal for archival, preservation, and conservation applications.

Key Benefits:

- **Chemically Inert:** Free from plasticisers, UV stabilisers, dyes, or coatings, ensuring safe interaction with sensitive materials.
- **Stable and Durable:** Dimensionally stable and resistant to stretching or distortion, providing consistent, reliable protection.
- **Proven Longevity:** Supports archival longevity, ensuring that materials remain accessible for future generations.

Applications:

- **Archival Rolls:** Flexible solution for storing and protecting documents, photographs, and artwork.
- **Encapsulation:** Preserves fragile items while allowing safe handling and inspection.
- **Microfilm and Document Storage:** Maintains the integrity and clarity of microfilm, printed media, and photographs during storage and use.



Ideal For:

- Museums, galleries, and libraries
- Conservators and restoration professionals
- Heritage and public institutions



Scan Me

10.

Clarity, Stability, and Protection for the Treasures of Tomorrow.

Trade Conversion Services

When your production demands extra capacity or a specialist short-run process, PSG is here to deliver flexible, outsourced precision solutions tailored to your needs. With over **35 years of experience**, we provide a comprehensive suite of conversion services designed to enhance efficiency, performance, and product quality.



Our capabilities include:

- **Core Cutting:**

Precision cutting to 3 inch (76 mm) and 6 inch (152 mm) for a variety of applications.

- **Slitting, Sheeting, and Guillotining:**

Expertise across films, paper, card, polymers, textiles, and more, ensuring accurate, clean, and consistent

- **Bespoke Manufacturing Cells and Stock Management:**

Tailored solutions to fit your workflow, reduce downtime, and optimise inventory management.

We also offer **Corona Treatment** to improve surface properties, ensuring optimal adhesion for printing, coating, and laminating. Whether you need a simple treat-and-return service or a full in-line treatment combined with precision slitting, every process is customised to meet your exact specifications.

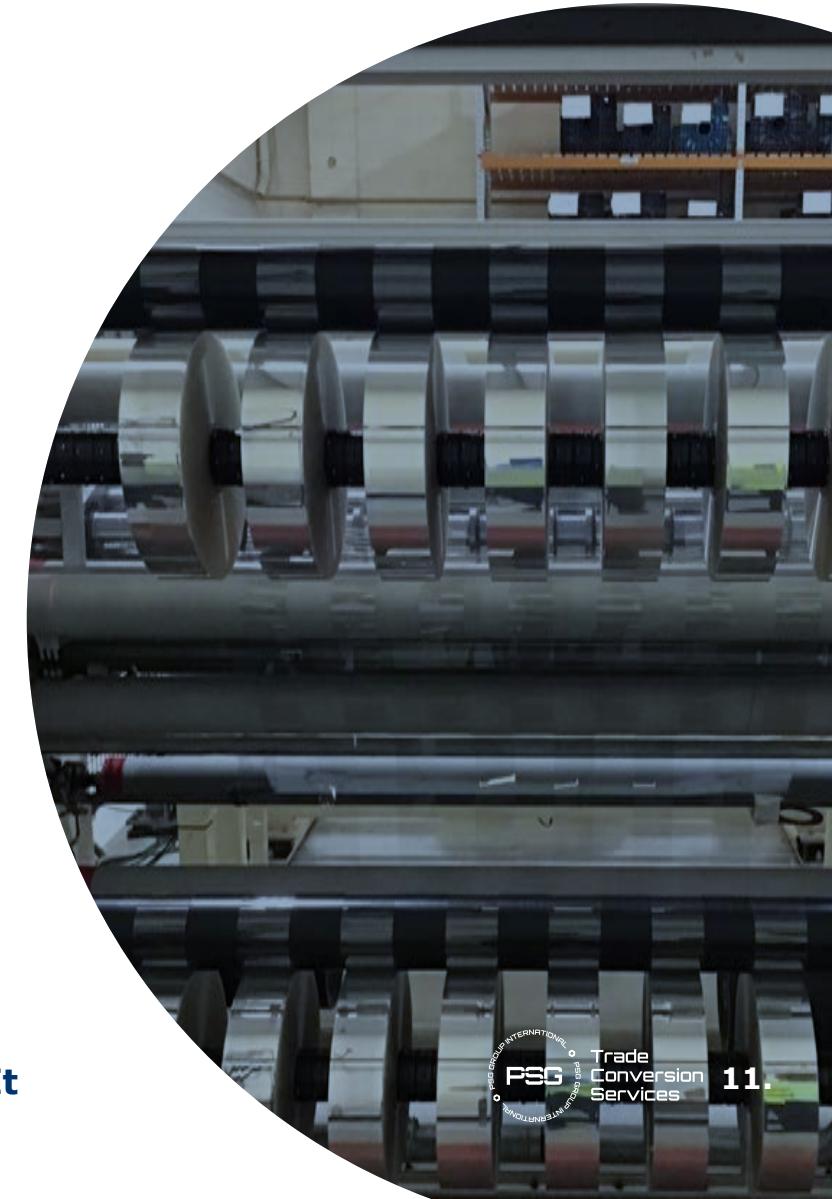
PSG's **technical expertise and flexible approach** guarantee consistently high-quality results, improving material performance and supporting your production objectives.

We proudly serve a wide range of sectors, including food, pharmaceutical, biomedical, retail, packaging, and industrial manufacturing, helping businesses achieve more with their material.

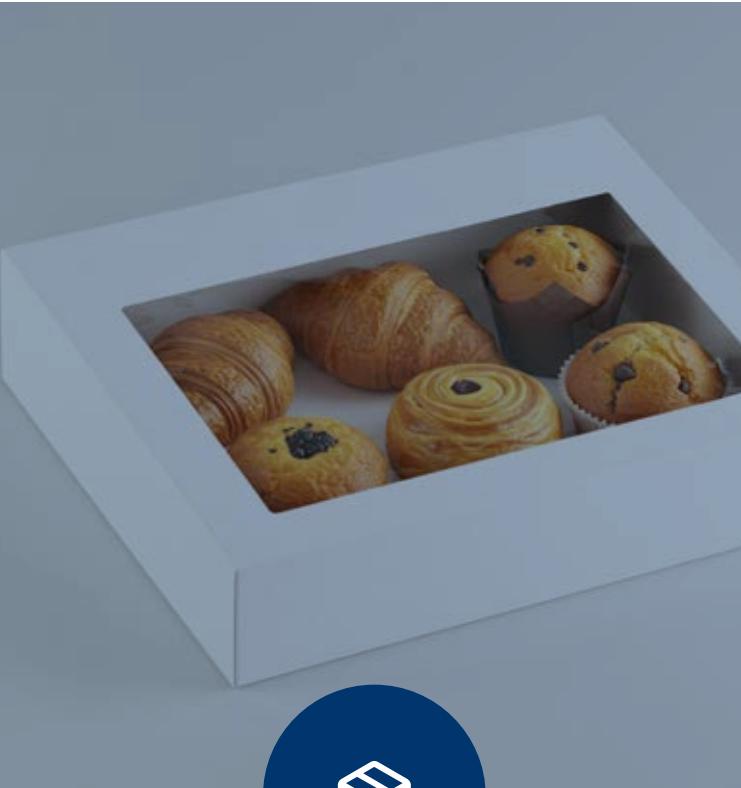
Your Materials, Our Precision. Expert Conversion When You Need It



Scan Me



Sectors



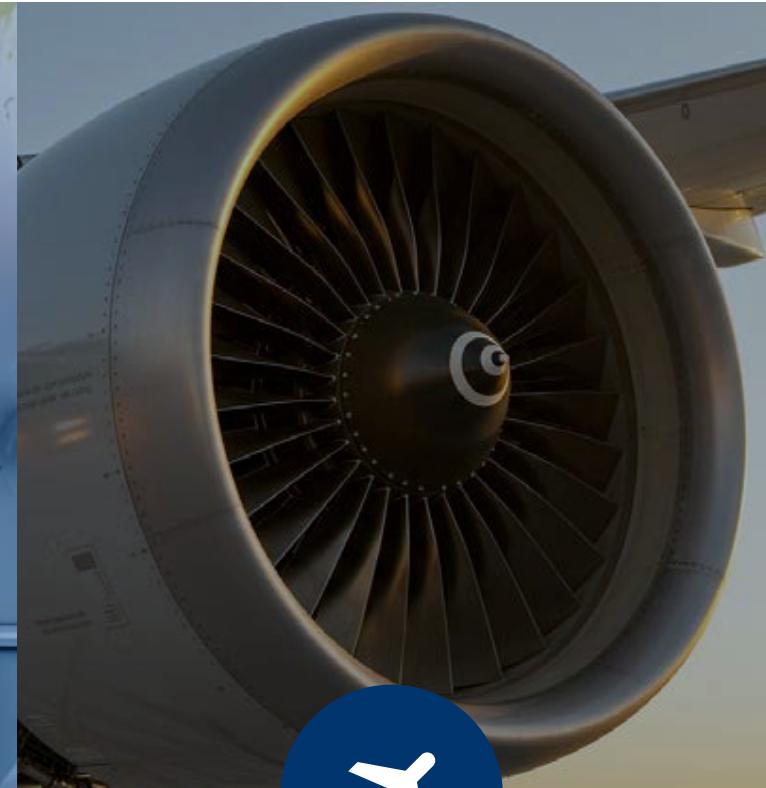
Packaging & Films

Crystal clear carton window films, biodegradable packaging solutions, all designed to support food safety & sustainability. Our films are BRCGS certified and contain between 30% and 90% PCR content, reflecting our commitment to responsible manufacturing and environmental care.



Industrial

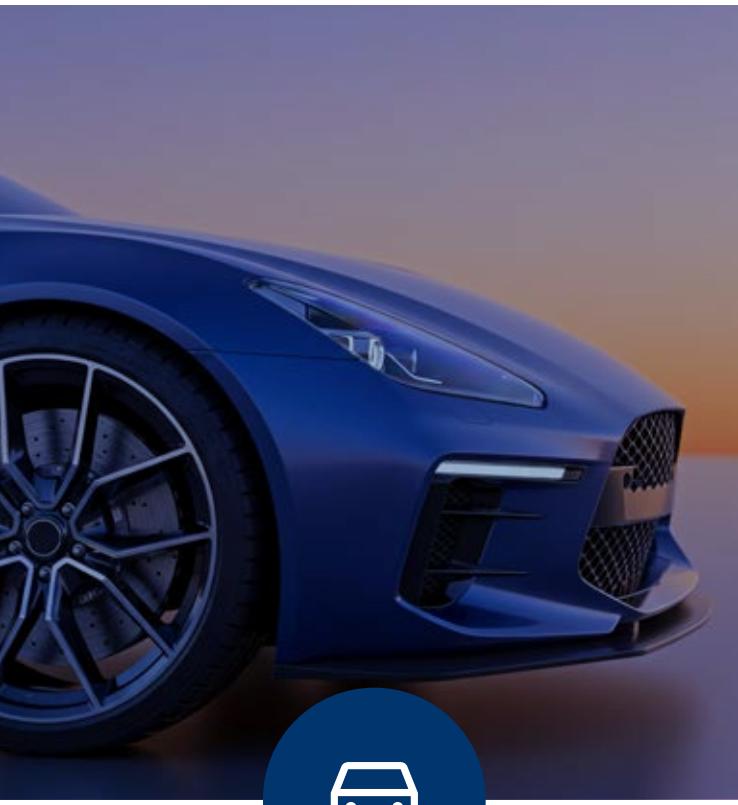
Custom-engineered parts and films that enable clean manufacturing, equipment durability, fluid handling, and precision assembly for industrial machinery and processes.



Aerospace & Security/Defence

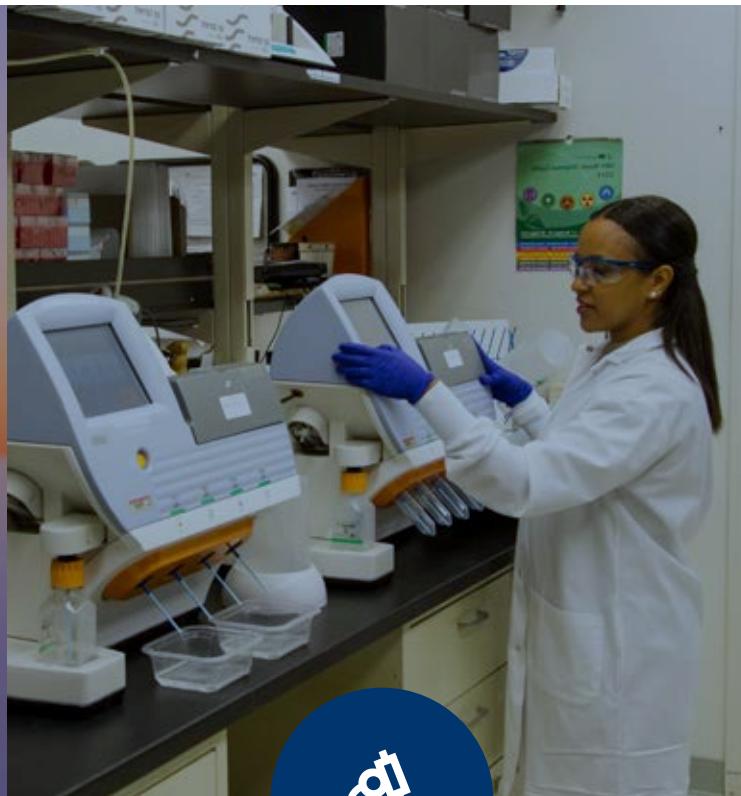
Precision-engineered cut components for aircraft systems, navigation, defence equipment and secure environments. Trusted for reliability, regulatory compliance, and mission-critical performance

Sectors



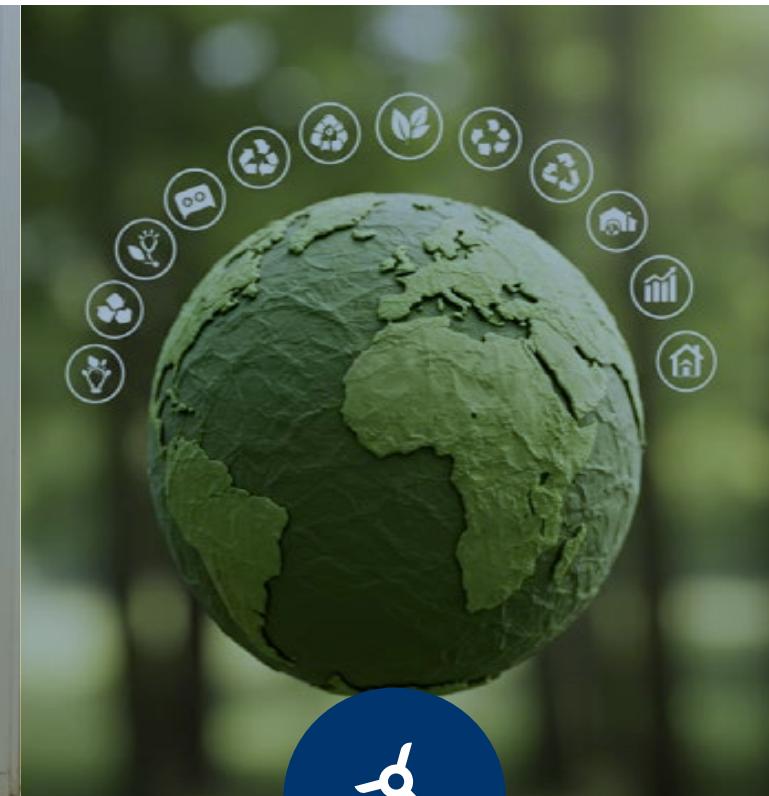
Automotive

From dashboards and sensors to gearboxes, brakes and clutches, our high-performance gaskets, shims and films are engineered to withstand mechanical stress, oils and chemicals. Manufactured to meet strict ISO standards, they offer full traceability and reliable performance in demanding environments.



Bioscience & Medical

Components designed for biomedical devices and diagnostics, where material purity, biocompatibility, and manufacturing precision meet stringent healthcare requirements.



Energy & Renewables

Sealants, shims, components, and films built to resist temperature extremes, pressure, corrosion, UV, and saltwater—serving nuclear, offshore wind, EV battery, Solar Power and fuel-cell applications.

Sectors

Tailored Materials. Trusted Performance. Total Industry Coverage



Marine & Subsea

Robust materials for maritime and subsea systems, including UV, saltwater and pressure resistant shims, gaskets and films, deliver long-lasting performance and dependable protection.



Security & Defence

Advanced material solutions for high-security gear, infrastructure, and tactical devices all designed to meet military-grade standards for resilience, safety, and performance.



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PSG: precision that powers progress

Ready to raise precision, reliability & efficiency in
your supply chain? Speak to the PSG team today



<https://psggrouppinternational.com>



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ukoffice@psggroupp.co.uk



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Meadows, Burbage, Hinckley LE10 3EN**

Carton
Window
Films

Plastic
Shims &
Gaskets

Archival &
Conservation
Materials

Trade
Conversion
Services