



PROTECTIVE FILMS FOR THE FURNITURE INDUSTRY

Highly efficient, tailor-made solutions.

EXCELLENCE IN FILMS



POLIFILM PROTECTION PROTECT YOUR VALUES.

Temporary, self-adhesive protective films have long been indispensable in the furniture industry, as they safeguard the high-quality coatings of wood-based materials from damage. To effectively and reliably fulfil this task, they must be precisely tailored to the requirements of the respective finishing materials and processing procedures throughout the entire value chain, from production and further processing to the final assembly of the furniture.

This is where POLIFILM PROTECTION excels. We provide customised protective film solutions for the furniture industry – whatever the requirement, whatever the surface.



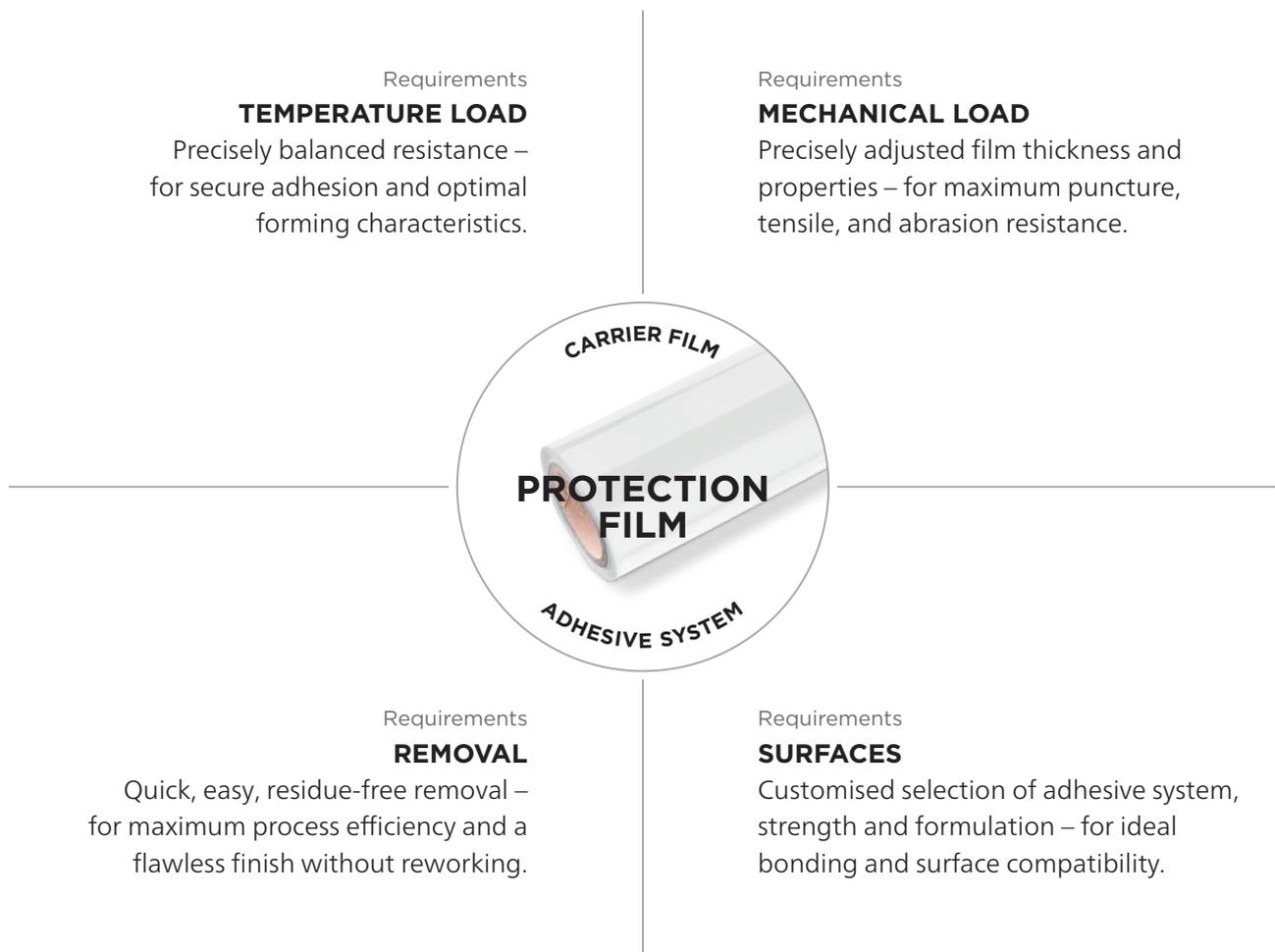
Why you can rely on our expertise:

- We have been working with leading companies in the furniture industry for many years.
- We possess globally recognised expertise in the development and production of protective films and adhesives.
- We understand the industry's manufacturing processes and the material requirements of even the latest trend surfaces.

TAILOR-MADE SOLUTIONS. FOR FURNITURE PRODUCTION.

The possible design options for furniture surfaces are incredibly diverse. Whether laminate, thermoplastic material, or lacquered finishes, each refinement places its individual requirements on the protective film. That's why the ideal protective film solution is tailor-made.

Our experienced application and development engineers precisely tailor every component of the protective film to your requirements. They determine the precise adhesive and carrier film technology for every surface type and every stage of production. The result is a protective film solution perfectly suited to your application, ensuring optimal protection whilst also accelerating and streamlining your processes.



ALWAYS BY YOUR SIDE. MARKET EXPERTISE THAT GETS YOU AHEAD.

We offer you international expertise and local market availability that only a true global player can provide. As a worldwide corporate group with the heritage of a traditional family business, we have an international network of development and production sites, sales offices, and trading and distribution partners.

Our application specialists and sales teams understand your environment and the demands of your industry. They provide quick, professional, reliable on-site consultation ensuring that you receive tailor-made protective solutions of the highest quality, wherever and whenever you need them.

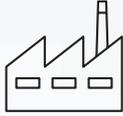


PRODUCTION PLANTS

Germany (2), France, Italy, Israel, China and USA

SALES LOCATIONS

Germany (2), France, Great Britain, Italy, Romania, Spain, Turkey, Israel, China, South Africa, USA (3), Mexico and Australia



7

Production plants



16

Sales locations



16

Distribution partners



80+

Countries supplied





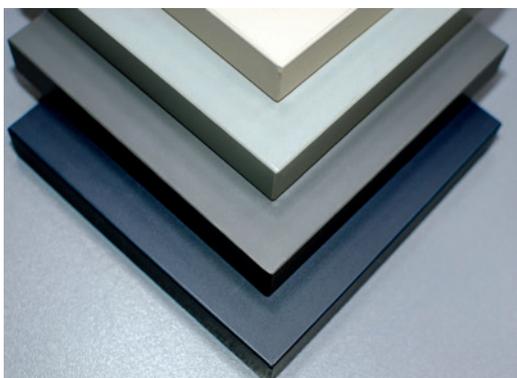


LAMINATES AND MELAMIN FACED BOARDS

Protective film solutions for laminates
(HPL/CPL) and melamine coated
wood-based materials

OPTIMUM PROTECTIVE SOLUTIONS. FOR THAT PERFECT FINISH.

Melamine faced boards and laminate finishes create aesthetic highlights and offer a unique tactile experience. Whether deep-textured, soft-touch, super-matt, or high-gloss - our protective films are perfectly tailored to meet the specific requirements of your products.



Manufacturers and processing companies benefit from adhesion and protective properties designed precisely for their surface requirements and processing steps. Even the most intricate designs remain optimally protected against dirt and damage throughout the entire value chain.

Thanks to precisely matched process characteristics, our solutions also enhance productivity by integrating seamlessly into all subsequent production steps. They adhere optimally, resist tearing, and ensure smooth workflows, whether in manual or fully automated environments. This results in efficient, secure production and maximum utilisation of your equipment.

HIGHLY EFFICIENT. APPLICATION-OPTIMISED.



Optimal adhesion.

Tailor-made adhesive formulations and precisely calibrated adhesive strengths ensure exactly the right bonding properties for your application – perfectly adapted to gloss levels, embossing structures, and functional special coatings such as fingerprint resistant finishes.



Highly resilient.

Excellent abrasion and puncture resistance ensures smooth processing without tearing, providing reliable protection even under high mechanical stresses such as during sawing, milling, or drilling operations.



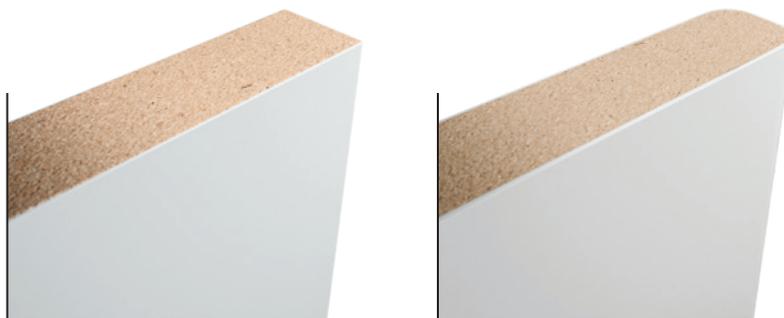
Perfect postforming.

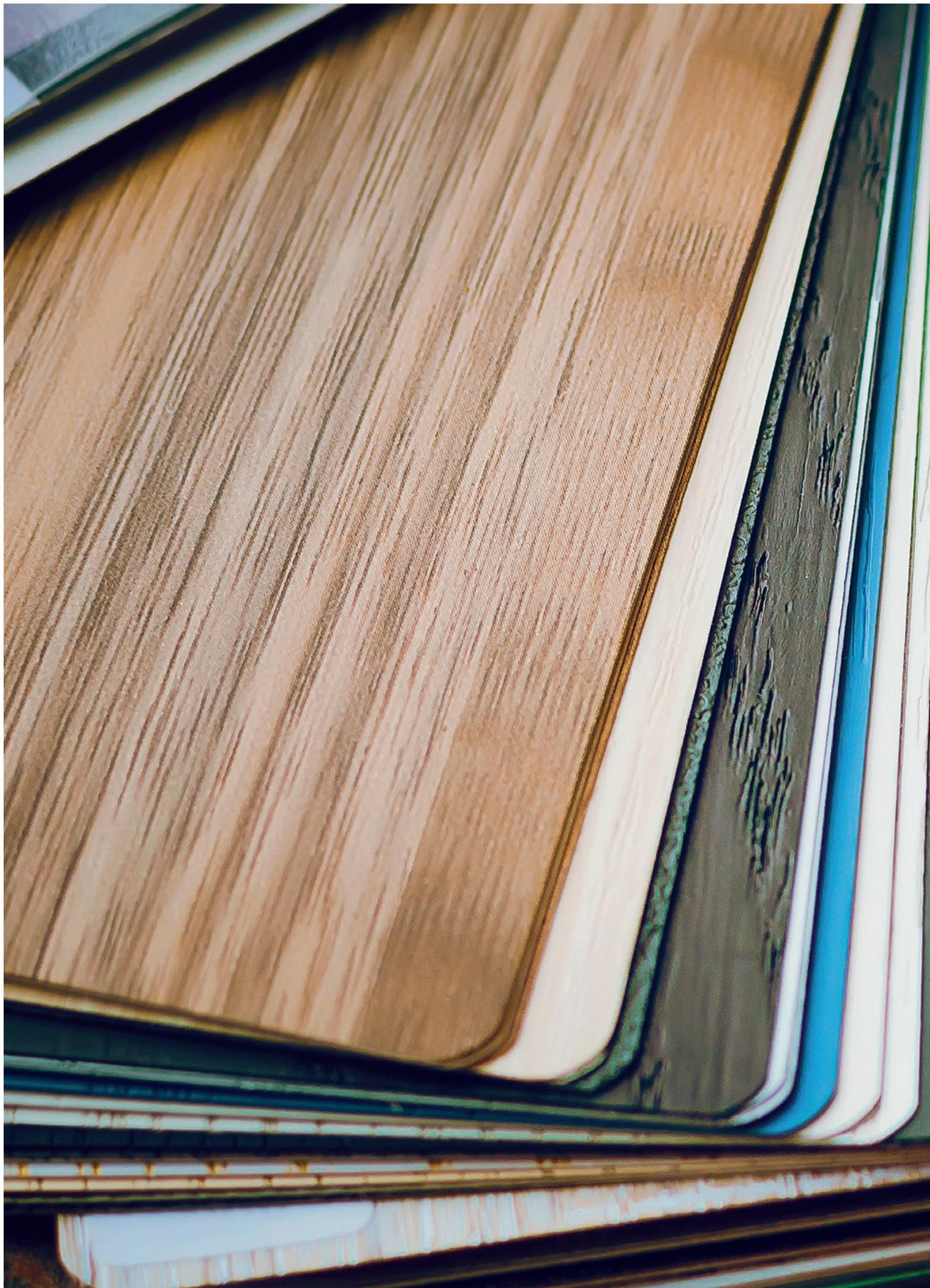
Our polyester-based protective film solutions, specially developed for the postforming of laminates, offer exceptional heat resistance, reliable adhesion, and outstanding elongation properties, ensuring perfect protection when coating curved surfaces and edges.



Residue-free removal.

Superior peeling properties, maximum tear resistance, and clean, residue-free removal eliminate the need for reworking, enhancing process efficiency. For even faster and effortless removal, Easy-Peel solutions are also available.







THERMOPLASTIC FURNITURE FOILS

Highly efficient protective solutions for
1D, 2D, and 3D applications

PERFECTLY SHAPED. PROTECTION FOR SPECIAL APPLICATIONS.

Decorative foil finishes with particularly demanding surfaces require the highest level of protection. The same applies to 2D and 3D processing. Our range offers manufacturers and furniture makers the ideal protective film technologies.

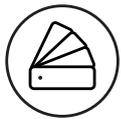


Our extensive expertise allows us to fine-tune adhesives and film properties down to the smallest detail, ensuring they are perfectly tailored to surface structures and processing parameters for flat lamination, as well as two and three dimensional coating of wood-based materials.

This ensures optimal protection, excellent adhesion, high heat resistance and outstanding stretch properties when forming thermo-laminates using membrane and vacuum presses, or when applying them on wrapping and laminating systems.

All this comes with quick, residue-free removal, in a single step, without reworking, even after exposure to high temperatures.

HIGH PERFORMANCE. PROCESS-OPTIMISED.



For every look.

Whether deeply embossed wood structures or modern high-gloss, super-matt, and soft-touch surfaces with fingerprint resistant effect - we provide the perfect protection for every trend.



Assured paint compatibility.

Carefully selected adhesive systems and adhesive formulations optimised for the chemical properties of each PUR, water-based, or UV coating allow for the application of the protective film immediately after painting.



Optimal adhesion.

Adhesion strengths precisely matched to the embossing depth and roughness of the surfaces to be protected ensure reliable bonding and optimal protection, even for demanding surfaces and processes.

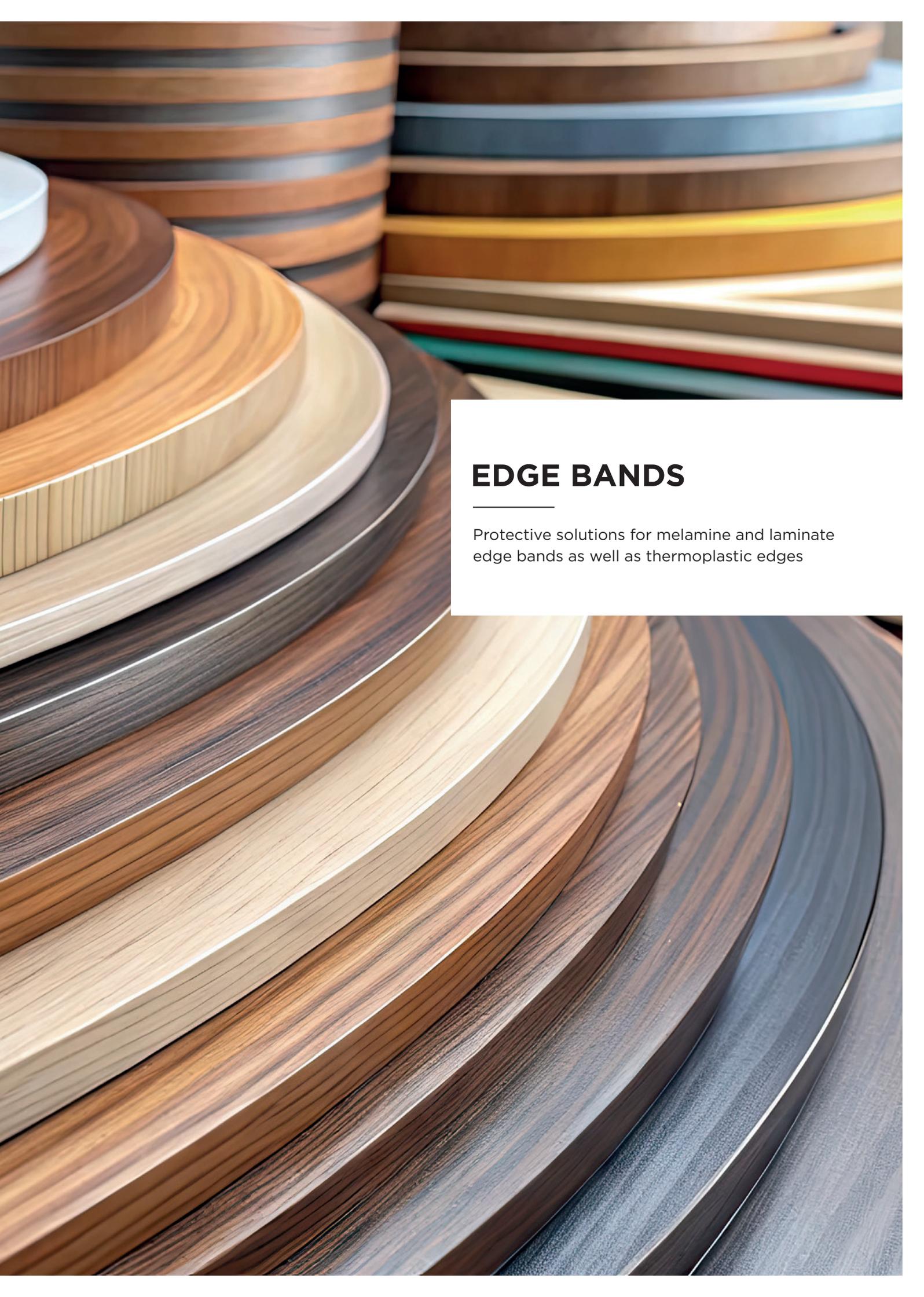


Perfect processing.

Excellent puncture and shear resistance provide maximum protection against tearing during subsequent processing steps. For optimum quality and productivity, whether drilling, milling, or cutting.





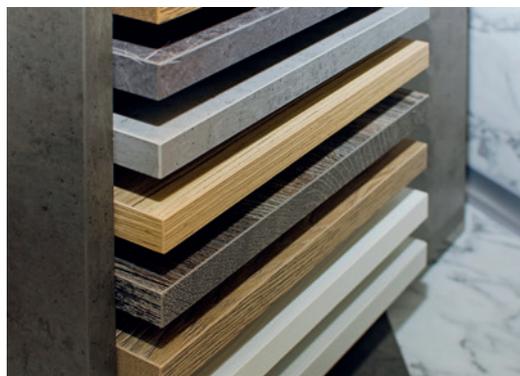
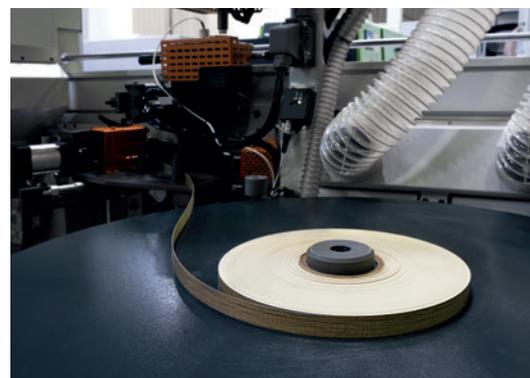


EDGE BANDS

Protective solutions for melamine and laminate edge bands as well as thermoplastic edges

ASSURED QUALITY. FROM BONDING TO ASSEMBLY.

From seamless transitions to distinctive design accents: edge bands give furniture panels the perfect finish. Regardless of the edge material, we provide manufacturers and furniture makers with tailor-made solutions to protect high-quality edge materials at every stage of production.



Whether high-gloss or super-matt, smooth or textured: depending on the requirements of your application, we develop edge band protective films with precise adhesion. These films integrate seamlessly into your workflows and are ideal for machine processing on straight line edge banders and BAZ processing centres.

They are also compatible with all bonding methods: whether you are using traditional hot melt adhesive applications, laser, hot-air or near-infrared bonding, excellent results are guaranteed.

HIGH PERFORMANCE. PROCESS-RELIABLE.



Reliable, stable adhesion.

Natural rubber and water-based acrylic adhesive systems with precisely calibrated adhesion strengths provide the exact bonding properties required for gloss levels, topcoat systems, and embossing structures.



Highly durable during processing.

Resistant to high mechanical stresses, as a result of excellent puncture and shear resistance, ensuring safe processing without tearing and perfect protection during capping, milling, and scraping operations.



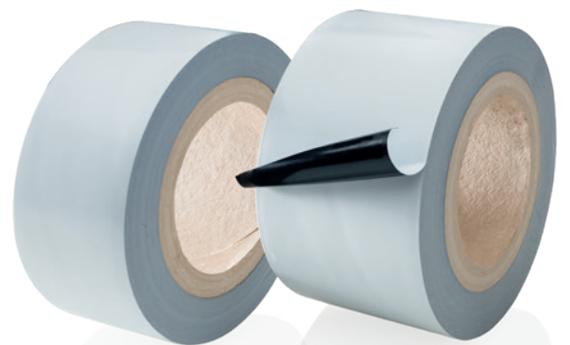
Residue-free removal.

Maximum tear resistance and easy, residue-free removal in a single step – quick, efficient, and without reworking.



Made to measure.

Available in exactly the format required for your production processes – either as large rolls or custom cut to your specified width.

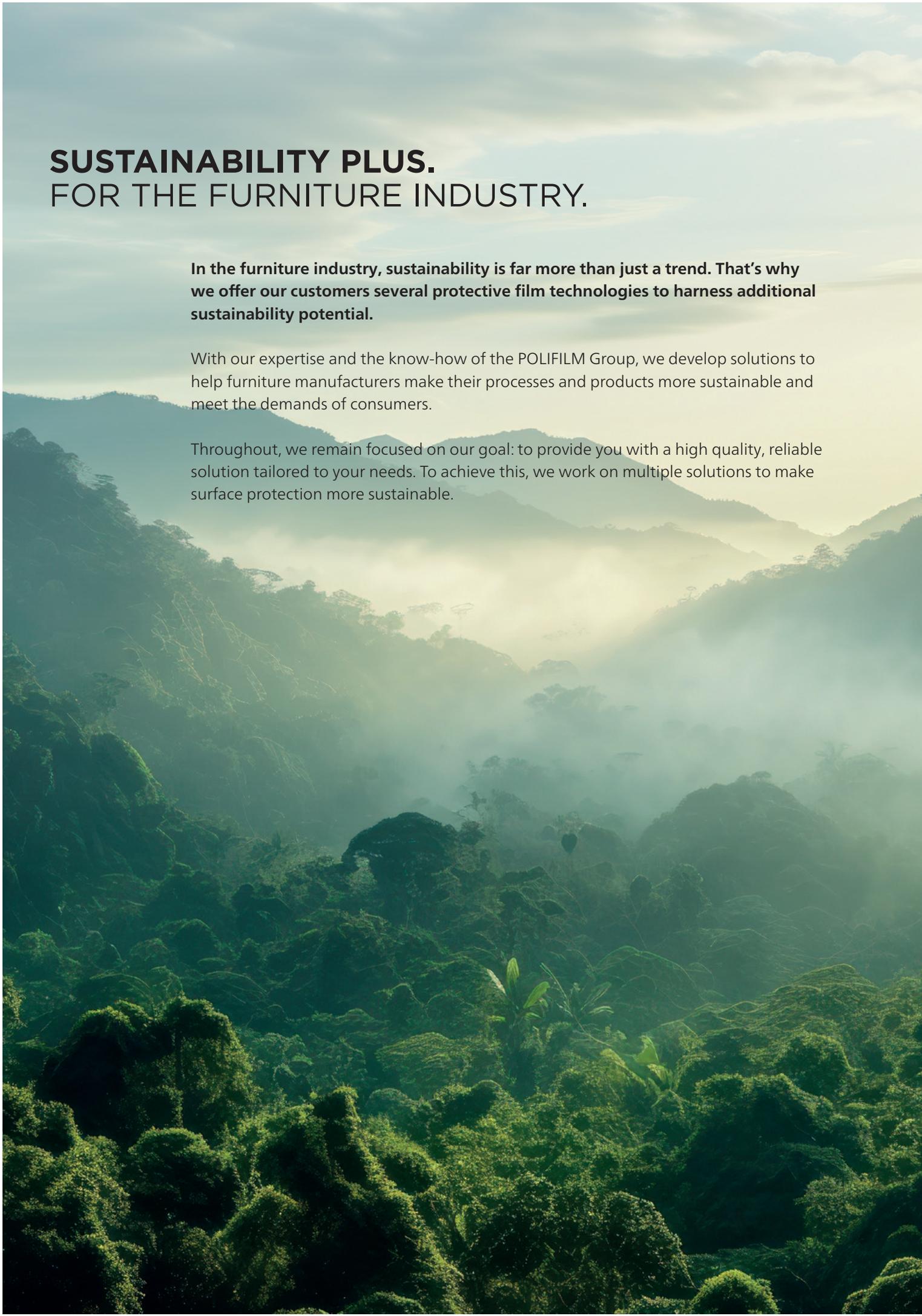


SUSTAINABILITY PLUS. FOR THE FURNITURE INDUSTRY.

In the furniture industry, sustainability is far more than just a trend. That's why we offer our customers several protective film technologies to harness additional sustainability potential.

With our expertise and the know-how of the POLIFILM Group, we develop solutions to help furniture manufacturers make their processes and products more sustainable and meet the demands of consumers.

Throughout, we remain focused on our goal: to provide you with a high quality, reliable solution tailored to your needs. To achieve this, we work on multiple solutions to make surface protection more sustainable.



OUR SOLUTIONS. CO₂-SAVING AND RESOURCE-CONSERVING.



Protective films with recycled content

- **Films with mechanically recycled material** (PIR and PCR provide comparable mechanical properties to traditional films.
- **Films with PCR based on mass balance**, sourced from industrial and household streams – all without compromising on quality.

Upon request, your solution can be externally certified and documented in accordance with common standards like RecyClass and ISCC Plus for you to communicate to your customers.



Protective films made from renewable raw materials

- **Direct use of renewable raw materials:** Films made from bio-based plastics, such as those derived from sugarcane residues but not at the expense of food production.
- **Indirect use via mass balance approach | ISCC Plus certified:** Films based on bio-circular solutions, using commercial kitchen fats derived from plant based oils, such as rapeseed oil. Also, not at the expense of food production.



Protective films with reduced thickness

- **Significantly reduce the amount of virgin material** needed, thereby decreasing the use of fossil-based raw materials and minimizing the carbon footprint.
- **Offer a lower transport weight**, which reduces fuel costs throughout the logistics chain and further improves the ecological balance of the value chain.
- **Provide more metres per roll**, resulting in fewer roll changes and machine setups during processing.
- **Deliver excellent puncture resistance**, offer the same high quality scratch protection, unwinding and lamination properties with reduced thickness.

All from a single source and easily integrated into your processes. Including smart return concepts to enhance recyclability.



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