



WHAT SITS NEXT TO THE SKIN MATTERS.

OEKO-TEX® certified TPU films for textiles.

Dureflex® Platon®



Potential markets and applications

Dureflex® and **Platilon®** are thermoplastic polyurethane (TPU) films from Covestro. They are breathable, skin-friendly, waterproof and tear-resistant, and can be laminated, welded or bonded into a wide range of textile constructions – which makes them suitable for applications such as:

-  **SMART TEXTILES**
Printed electronics and sensors integrated onto films for performance monitoring and measurement applications
-  **SPORTSWEAR & APPAREL**
Seam sealing and breathable, waterproof barrier films for garments, footwear, and diverse textile solutions
-  **OUTDOOR**
Waterproof barrier films with seam sealing for outdoor clothing and equipment – tents, sleeping bags and air mattresses

-  **FURNITURE**
Tear-resistant films for mattress covers, seam sealing for chairs, seating systems, and gel cushions
-  **AUTOMOTIVE**
Adhesive film solutions for convertible roofs, blinds, seat covers, and further interior applications
-  **SHOES**
Breathable films for shoe insoles and upper materials

Trusted certification for safe, skin-friendly products

OEKO-TEX® is an international association of independent research and testing institutes for the textile and leather industries. Its certifications confirm that products, materials and production processes meet strict requirements for harmful substances, product safety and traceability. Selected Dureflex® and Platilon® grades are certified to OEKO-TEX® STANDARD 100, making them a dependable choice for skin-friendly applications. Because the standard is modular, recognition of certificates from upstream stages may reduce testing efforts in later stages.

Key facts about OEKO-TEX® certification

- Independently tested for 1,000+ harmful substances
- Extensive scientific testing going beyond global regulations
- Complies with chemical regulations, including REACH*
- Certification reviewed and renewed annually
- Product Class 1 certified – testing to the strictest requirements, safe enough for babies

* REACH (Registration, Evaluation, Authorization and Restriction of Chemicals) is the EU's central chemicals regulation, designed to protect human health and the environment by ensuring the safe use of chemicals.

Download the certificates for individual film grades:



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Skin-friendly performance for the outdoors



Note: The cover and tent images were generated using AI.

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