






Dureflex® Platilon®




CONFIDENCE IN TEXTILES MATTERS:  
OEKO-TEX® CERTIFIED AND  
SKIN-FRIENDLY FILM SOLUTIONS.  
WHY NOT?



## Potential markets and applications

Dureflex® and Platilon® films by Covestro can be used in a variety of textile applications due to their outstanding properties. Manufacturers in need of breathable, skin-friendly, waterproof or tear-resistant films are able to use our films for diverse applications, in areas such as:

- 
**SMART TEXTILES**  
 Printed electronics and sensors applied to films for performance measurement applications
- 
**SPORTSWEAR & APPAREL**  
 Seam sealing and breathable as well as waterproof barrier films for clothes, shoes and diverse textile solutions
- 
**OUTDOOR**  
 Seam sealing in outdoor clothes, shoes and textile outdoor equipment (tents, sleeping bags, mattresses) or applications in waterproof clothes

- 
**FURNITURE**  
 Tear resistance in mattress covers in furniture industry as well as seam sealing for chairs/seating equipment and gel cushions
- 
**AUTOMOTIVE**  
 Adhesive film solutions for convertible roofs, blinds, seat covers and further interior applications
- 
**SHOES**  
 Breathable films for shoe insoles and shoe upper materials

### Key facts about OEKO-TEX® certification

- Independent, worldwide consistent certification system for textiles
- Guarantees high product safety for consumers
- High testing standards for harmful substances/chemicals
- Criteria and limit values often more strict than national/international standards
- Certified films for product class I – articles for babies and toddlers up to 3 years of age

### Added value for Covestro Platilon® films

Our Dureflex® and Platilon® thermoplastic polyurethane films are used for a wide range of smart and sustainable solutions in textile applications for sports, outdoors, furniture and others. Many of our Platilon® films are certified with the **OEKO-TEX® Standard 100**.

### The following Covestro TPU films are certified with OEKO-TEX® Standard 100:

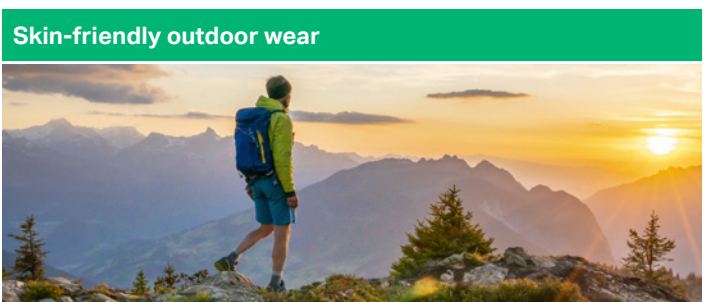
- Platilon® H2 Natural PE
- Platilon® HL9007 Natural
- Platilon® M6202 C-T
- Platilon® U073
- Platilon® U2102 GX
- Platilon® U4201 AUV CQ EC
- Dureflex® and Platilon® PS8010, PS8030 and PS8910 colorless transparent and white
- Platilon® H5
- Platilon® HU2 Natural PE
- Platilon® U4100 DK
- Platilon® U04/PE
- Platilon® U2102 AK/AK2
- Platilon® U4150 C-T snow white

Products with OEKO-TEX® certification should be retested after a storage of over a year.



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Our films are tested for product class I, verifying that they are skin-friendly and harmless when it comes to direct skin contact.



The manner in which you use our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations, is beyond our control. Therefore, it is imperative that you test our products to determine suitability for your processing and intended uses. Your analysis must at least include testing to determine suitability from a technical, health, safety, and environmental and regulatory standpoint. Such testing has not necessarily been done by Covestro, and Covestro has not obtained any approvals or licenses for a particular use or application of the product, unless explicitly stated otherwise. [EMEA only: If the intended use of the product is for the manufacture of a pharmaceutical/medicinal product, medical device<sup>1</sup> or of pre-cursor products for medical devices or for other specifically regulated applications which lead or may lead to a regulatory obligation of Covestro, Covestro must explicitly agree to such application before the sale.] Any samples provided by Covestro are for testing purposes only and not for commercial use. Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale which are available upon request. All information, including technical assistance is given without warranty or guarantee and is subject to change without notice. It is expressly understood and agreed by you that you assume and hereby expressly release and indemnify us and hold us harmless from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance, and information. Any statement or recommendation not contained herein is unauthorized and shall not bind us. Nothing herein shall be construed as a recommendation to use any product in conflict with any claim of any patent relative to any material or its use. No license is implied or in fact granted under the claims of any patent.

<sup>1</sup> Please see the "Guidance on Use of Covestro Products in a Medical Application" document.  
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