

## **High-end Medical Woundcare with Elastic TPU Meltblown Nonwovens**

### **Elevating Comfort and Performance in Medical Dressings**

In medical adhesives and wound care, patient comfort and product reliability are essential. While many traditional materials require trade-offs between flexibility, protection, and breathability, our high-performance Elastic TPU Meltblown Nonwoven offers a refined solution that meets modern demands without compromise.

This advanced material is specifically designed for applications such as premium bandages and diabetic plasters, delivering a “second-skin” feel through its excellent elasticity, breathability, and skin-friendly properties.

Discover how our TPU Meltblown fabric can enhance your medical products - providing dependable performance and comfort that healthcare professionals and patients can rely on.

### **Features & Benefits**

#### **Superior Elasticity & Conformability**

The fabric stretches and recovers beautifully, conforming to complex body contours like joints and fingers without restricting movement. This ensures the dressing stays securely in place for longer, providing continuous protection - ideal for active users and areas prone to bending and motion.

#### **Exceptional Breathability**

The microporous meltblown structure allows moisture vapor to escape while preventing liquid and bacterial ingress. This creates an optimal healing environment, reduces skin maceration, and enhances patient comfort - even during multi-hour wear.

### **Features & Benefits**

- Superior Elasticity, Flexibility & Conformability
- Exceptional Breathability
- Hypoallergenic & Skin-Friendly
- Multiple Grammages Available from 30g/m<sup>2</sup> up to 200g/m<sup>2</sup>
- Process Compatibility
- Versatile and Adaptable



## Hypoallergenic & Skin-Friendly

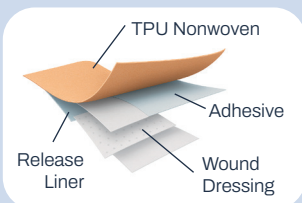
Made from pure, thermoplastic polyurethane (TPU), our nonwoven is free from latex and other common irritants. It is exceptionally soft and gentle, making it ideal for sensitive skin and long-term wear for both children and adults.

## Lightweight & Discreet

Offer your users a “second-skin” experience. The material is incredibly lightweight and low-profile, providing discreet protection that patients will barely notice - even on fingers or faces.

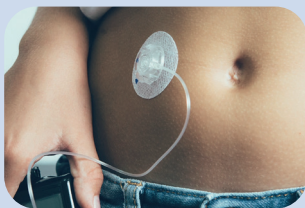
## Versatile and Adaptable

Our Elastic TPU Nonwoven is easily integrated into existing manufacturing processes. It can be laminated with other materials, coated with adhesives, and customized to meet the specific requirements of your medical devices, from spot bandages to larger flexible dressings.



### Band Aids

Engineered for daily protection, this advanced material offers a unique combination of softness, breathability, and stretch. The structure of our elastic meltblown nonwoven ensures softness and flexibility - keeping band-aids firmly in place even on high-motion areas like hands, elbows, and knees. Ideal for long-lasting comfort and secure wear.



### Diabetic Plasters

Elevate your diabetic plaster offerings with our advanced Elastic TPU Meltblown Nonwoven fabric, purpose-built to meet the unique needs of diabetic wound care. By choosing our TPU nonwoven, your diabetic plasters provide enhanced comfort, softness, and secure fit, meeting the highest standards of care for diabetic patients.

## Technical Data

	Grammage	Thickness	Elongation MD	Elongation CD
	g/m <sup>2</sup>	mm	%	%
	ISO 536 DIN EN 29073-1	Ref. to DIN EN ISO 9073-2	Ref. to DIN EN ISO 9073-3	Ref. to DIN EN ISO 9073-3
TPU MB Version 1	31	0,24	>180	>150
TPU MB Version 2	84	0,23	>400	>400
TPU MB Version 3	200	0,55	>550	>600