



Our Innovation. *Your Edge.*

P-DERM® Hydrogel Adhesives

P-DERM® Hydrogel adhesives consist of a hydrophilic polymer matrix with a moderate to high water content which helps regulate fluid exchange from a wound's surface. 100% of our hydrogels are manufactured in the USA and display good adhesion and cooling properties.

Applications

- Device Fixation
- Transdermal Drug Delivery
- Wearables
- Burn Care
- Advanced Wound Care
- Blister Care

Attributes

- 0.2mm - 2.0mm Thickness
- Non-Conductive
- Hypoallergenic
- Atraumatic Removal Without Residue
- Maintains Good Adhesion to Skin When Exposed to Perspiration
- Highly Flexible and Conformable
- Biocompatible
- High Absorbing Properties
- Wear Time Up to 7 Days

Polymer Science Advantages

- Lower minimum order quantity
- Customization of width to minimize waste
- Standard and customized construction available
- Short lead times
- Excellent in-house and field technical support
- Eco-friendly facility

Custom Solutions...

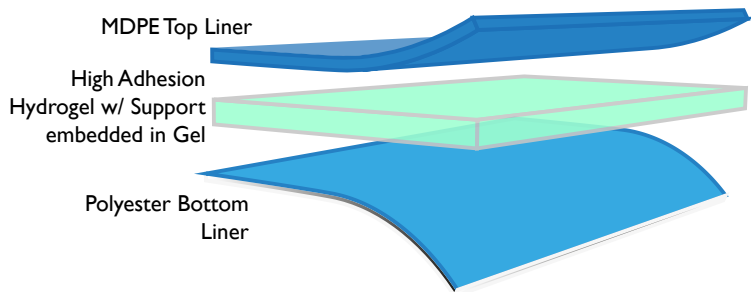
Our design team works quickly to provide the solutions you need, allowing your project to expeditiously move from conception to production. Our diverse team of engineers and technical staff, along with our state-of-the-art equipment provide the capabilities to develop a quality product consistent with your application requirements.



Coating Capabilities

We are committed to working closely with you during the design phase of your product. We offer a variety of coating techniques and configurations. We have the ability to load additives into our hydrogel, as well as many other customization options such as:

- Additive Loading
 - Cosmeceuticals
 - Pharmaceuticals
 - Antimicrobials
- Width
- Thickness
- Adhesion Levels
- Construction Configurations



Polymer Science, Inc. offers customizable hydrogel adhesive coating options. We offer many different types of release liners, as well as, carriers.

