

P-DERM® Skin Contact Adhesive Materials

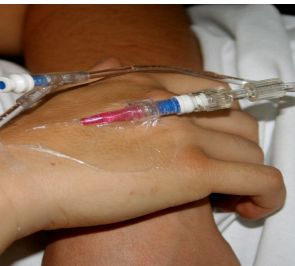


Polymer Science manufactures a variety of custom web coated adhesive materials ideal for wound care and other skin contact applications



P-DERM® Silicone Gel Adhesives

P-DERM® Silicone Gel Adhesives offer a gentle yet effective adhesion and naturally conform to the contours of the body. They can be easily removed with no trauma to the skin and repositioned, ideal for those with sensitive skin like neonatal and geriatric patients. Silicone Gel Adhesives are water-proof and resistant to bacteria.



P-DERM® Acrylic Adhesives

P-DERM® Medical Grade Acrylic Adhesives have a proven compatibility with the skin. They have a strong initial tack to porous and non-porous materials and can be laminated to many surfaces including films and foams. Acrylic Adhesives have excellent converting properties.



P-DERM® Hydrogels

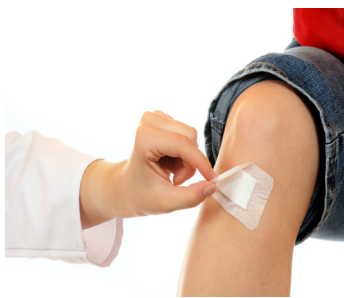
P-DERM® Hydrogels are designed to hold moisture at the wound surface, offering a soothing and gentle wound care solution for burns and other sensitive wound types. They are comfortable and easily removable from the skin.



Liners & Substrates

Polymer Science can coat P-DERM® Adhesives to a variety of liners and substrates in multiple configurations.

- Films: Polyurethane, Polyethylene, Polypropylene, Copolyester
- Polyethylene Foam
- Non-Woven & Woven Fabric
- Rayon Acetate Fabric
- Polyethylene Mesh



Common Applications

- Wound Care
- Scar Therapy
- Device Fixation
- Ostomy/Incontinence Care
- Transdermal Drug Delivery
- Diagnostics
- Surgical Draping
- Blister Care
- Electrode Pads

Custom Coating Capabilities

Polymer Science is committed to working closely with you during the design phase of your product. We offer a variety of coating techniques, configurations, and customization options. Smaller batches of adhesive can be compounded during the development phase for prototype and testing purposes.

Custom Coating Options

- Thickness
- Pattern Coating
- Zone Coating
- Perforation
- Special Additives

Coating Configurations

- Single-Sided
- Double-Sided
- Multi-laminate
- Unsupported

Quality

- FDA Registered Facility
- cGMP Compliant
- ISO 9001:2008
- ISO 13485:2003

Our Locations

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About Polymer Science

Polymer Science is a global manufacturer of advanced materials for medical and electronics applications. Our custom web coating techniques allow us to provide customers with unique and innovative material solutions. With facilities in the United States, Asia, and Europe, we are positioned to provide you with superior customer service, quality, and support on your next project.

www.polymer-science.com