



Our Innovation. *Your Edge.*

P-DERM[®] Acrylic and Medical Grade Adhesives

P-DERM[®] acrylic and medical grade adhesives have a proven compatibility with skin while also exhibiting strong initial tack to porous and non-porous materials and can be laminated to many surfaces including films and foams. P-DERM[®] acrylic adhesives can also be combined with P-DERM[®] silicone gel adhesives to create dynamic skin-contact trilaminate materials.

Applications

- In-Vitro Diagnostic
- IV Securement
- Medical Tapes
- Dressings
- Fashion Adhesives
- Ostomy Flanges & Flange Extenders
- Negative Pressure Wound Therapy
- Consumer Bandages
- Active & Passive Wearable Devices

Attributes

- Strong initial tack
- Bonds well to porous and non-porous materials
- Residue free removal from the skin
- High MVTR (moisture vapor transmission rate)
- Biocompatibility with the skin
- Cost-effective solution
- Extended wear times - up to 21 days
- Resistant to heat and humidity
- Excellent converting properties

Polymer Science, Inc. 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...

Polymer Science is committed to providing you with today's most innovative skin contact adhesives for the medical industry.

Our diverse team of highly skilled engineers and technical staff, in conjunction with our state-of-the-art equipment, provide you with a quality product that is consistent with your application requirements.

Our design team works quickly to provide the solutions you need, allowing your project to expeditiously move from conception to commercialization giving you the edge to ensure your next project is a success.

Coating Capabilities

Our adhesives can be coated in thicknesses ranging from 0.02 - 0.25mm. These adhesives offer high initial tack which is great in quick bond-requiring converting processes. We can also offer:

- Custom Construction Options
 - Single Coated
 - Double Coated
 - Trilaminate
 - Multi-Laminate
- Zone coated options
- Additive Loading
- Carrier and Liner Options
- Perforation
 - Increases breathability
 - Allows wound exudate and fluid to migrate to the absorbent layer
 - Allows reduction of wound maceration
 - Promotes comfort by contouring to the body

