Technical Data Sheet

P-DERM®

PS-1446

Product Description:

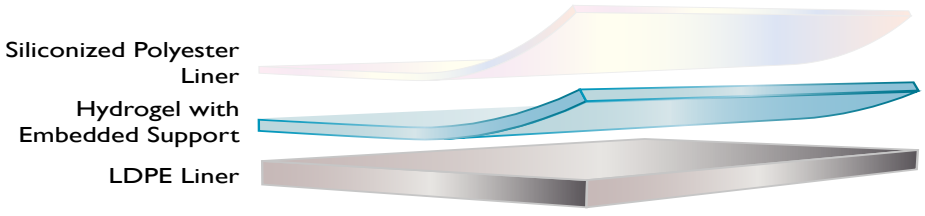
P-DERM® PS-1446 is a single coated medical grade hydrogel for use in fixation applications. It consists of a high adhesion hydrogel supported with a polyester scrim embedded in the gel.

Construction / Properties:

Property	Value	Test Method
Thickness (excluding liners)	0.3mm, 0.5mm, 0.75mm, 1.0mm, 1.2mm	QSP-726
Usable Width	680mm	QSP-726
Release Liner Type (Skin Side)	Polyester	--
Release Liner Thickness (Skin Side)	125 micron	QSP-726
Release Liner Type (Device Side)	LDPE	--
Release Liner Thickness (Device Side)	50 micron	QSP-726
Color	Colorless	--
Adhesion (skin side)	0.3mm >200 g/25mm	QSP-722
	0.5mm >225 g/25mm	
	0.75mm >250 g/25mm	
	1.0mm >275 g/25mm	
	1.2mm >300 g/25mm	
pH	3.2-4.2	QSP-734
Biocompatibility	Cytotoxicity: Pass Primary Dermal: Pass	ISO 10993
Continuous Use Conditions	5 - 40 C	QSP-754

Features:

- Good Converting Properties
- Good Dimensional Stability
- Excellent Instantaneous Tack
- Good Adhesion
- Hypoallergenic
- Non-Conductive Promoting Fixation



Specific tests should be performed by the end user to determine the product stability for the particular application.

For Additional Information:
E-mail: sales@polymerscience.com
Toll Free: +1 888.533.7004
Web: www.polymerscience.com
Revision: 020226

POLYMER SCIENCE, INC.