DermaFlex™ P.E.F. 32 White H-566 Special 50K-9 (1.9-2.1)

Flexible Adhesive Substrates for Wearables

FLX012850

Benefits

- Thick foam provides a sturdy base for electrodes & other applications
- Soft and flexible
- 6-month change notification

Features

- Anchor conductive electrodes to body
- Enable accurate signal tracing
- High-tack acrylic adhesive with high strength for extended wear, such as attachment of long-term wearable devices
- 50-lb. bleached kraft release liner

Additional Details

Please note: Our combination of flexible substrates and skin-friendly adhesives form a product portfolio that is suitable for a variety of applications. Choose from existing products, or work with our Technical Service team to create your own unique combination that's optimized for your specific application needs.*Biocompatibility testing was completed using a similar 'source' adhesive in some circumstances. Full biocompatibility results are available on the web and upon request.

For guidance only, not to be used for setting specifications. The data presented are based on three or less production runs.

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Technical Data

Physical Properties

Thickness (Mils [microns])	Mils	Microns
Total Product	36.35	
Film	31.25 +/- 15 %	794
Adhesive	1.9-2.1 +/- 0.1	48-53 +/- 3
Liner	3.1 +/- 10 %	79

Test Method: ASTM D 3652 (Modified for use with non-tape product)

Adhesion Properties

Ultimate Peel from	Average Oz/In	(N/m)
Stainless Steel	Foam rips	Foam rips
Acrylic	Foam rips	Foam rips
Glass	Foam rips	Foam rips
Polypropylene	Foam rips	Foam rips

Test Method: ASTM D 903 (Modified for 72 hr dwell time)

Additional Properties	Value	Test Method
Expected Shear (hours)	2+ Foam rips	ASTM D 3654 Method A (1 hr dwell, 1 sq. in, 4 lb. load)
Tack (g)	280	ASTM D 2979
Expected Exterior Life		
Additional Information		
Service Temperature		
Minimum Application Temperature		
Storage Stability	Two years stored at 70°F (21°C) and 50% relative humidity	

Product Performance and Suitability

Descriptive information, performance data, and recommendations for Flexcon products are guides and not specifications. Providing this information is to assist you and does not constitute a warranty of any kind by Flexcon.

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