DermaFlex™ DFM 100 Clear H-566 80 D/F PFW

Skin Contact Applications Double-Face Film with H-566

FLX043160

Benefits

- DermaFlex™ adhesives have been tested for biocompatibility (skin irritation, sensitization, and cytotoxicity) by Flexcon's adhesive suppliers using ISO-10993 or similar test methods*
- 6-month change notification

Features

- Double-face (2-sided) tape suitable for mounting & bonding applications, such as medical device attachment to the body
- H-566 high-tack acrylic adhesive with high strength for extended wear, such as attachment of long-term wearable devices
- Backed with an 80-lb. moisture stable polycoated layflat release liner suitable for roll form, roll to sheet, and sheet form converting

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. Product data sheets are updated as necessary, without notice. Please contact Flexcon to request a copy of most recent version.

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Technical Data

Physical Properties

Thickness (Mils [microns])	Mils	Microns
Total Product	10.52	
Film	1.0 +/- 10%	25
Adhesive	1.9-2.1 +/- 0.1 (3)	48-53
Adhesive 2	1.9-2.1 +/- 0.1 (3)	48-53
Liner	5.6 +/- 10%	142

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

Adhesion Properties

Ultimate Peel from	Average Oz/In	(N/m)
Acrylic	137	1507
Glass	51	561
Polypropylene	51	561
Stainless Steel	1276	116

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

Additional Properties	Value	Test Method
Expected Shear (hours)		
Tack (g)	900	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% RH	

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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