Flexcon® DermaFlex™ NWP 240 White H-506 90 PFW

Skin Contact Applications: Nonwoven White Polyester Fabric with H-506

FLX068635

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

- Soft non-woven polyester fabric is porous to allow maximum breathability
- Gentle release acrylic adhesive bonds well, yet removes gently from skin
- Backed with a 90-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	26.8	
Film	18.0 +/- 15 %	457
Adhesive	1.9-2.1 +/- 0.1	48-53 +/- 3
Liner	6.9 +/- 10%	175

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

Adhesion Properties

Ultimate Peel from	Average Oz/In	(N/m)
Acrylic	3	33
Glass	3	33
Stainless Steel	3	33
Polypropylene	2	22
Polyethylene	2	22

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

Additional Properties	Value	Test Method
Expected Shear (hours)	Less than 0.25	ASTM D 3654 Method Aa. 1 hr. dwellb. 1 sq. in. surfacec. 4 lb. load
Tack (g)	70	ASTM D 2979
Expected Exterior Life	N/A	
Additional Information		
Service Temperature	N/A	
Minimum Application Temperature	N/A	
Storage Stability	Two years stored at 70°F (21°C) and 50% relative humidity	

Product Performance and Suitability

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