Flexcon® DermaFlex™ NWP 240 Flesh H-566 Spec 50K-8

Skin Contact Applications Nonwoven Flesh Polyester Fabric with H-566

FLX006942

Benefits

- Backed with a 50 lb. bleached kraft release liner ideal for roll-form converting
- 6-month change notification

Features

- NWP (Non-Woven Polyester) is a soft, porous fabric substrate that allows maximum breathability
- H-566 high-tack acrylic adhesive with high strength for extended wear

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. DISCLAIMER: FLEXCON MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, COURSE OF PERFORMANCE, OR TRADE USAGE. This product is a device component intended solely for further processing, manufacturing, or incorporation into a finished device, and is further intended only for use as a device component on intact skin (i.e., not intended for use in the presence of open sores or wounds nor for applications inside the body). Customer is solely responsible for determining whether this component product is fit for Customer's intended use, including, without limitation, incorporation into Customer's finished device(s), and for performing any additional testing that may be necessary to support Customer's intended use. Customer is solely responsible for ensuring that its use of the component product is in compliance with the applicable laws and for obtaining any necessary clearances or approvals from its use of the component product and any finished device that incorporates the component product.

Technical Data

Physical Properties

Thickness (Mils [microns])	Mils	Microns
Total Product	23.15	
Film	18.0 +/- 15 %	457
Adhesive	1.0-1.1 +/- 0.1	25-28 +/- 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	48	528
Glass	41	451
Polypropylene	40	440
Acrylic	42	462

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

Additional Properties	Value	Test Method
Expected Shear (hours)	<1.0	ASTM D 3654 Method A (1 hr dwell, 1 sq. in, 4 lb. load)
Tack (g)	250	ASTM D 2979
Expected Exterior Life		
Additional Information		
Service Temperature		
Minimum Application Temperature		
Storage Stability		

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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