Flexcon® DermaFlex™ NWP 240 Flesh H-30 Spec 50K-8

Skin Contact Applications Nonwoven Flesh Polyester Fabric with H-30

FLX070246

Benefits

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

Features

Long-term wear medical device adhesivemedical overtape

- NWP (Non-Woven Polyester) is a soft, porous fabric substrate that conforms to body contours, stretches and flexes with movement
- Flesh color blends in with all types of skin tones
- Biocompatible high-tack adhesive designed for 30+ day long-term wear, provides a secure and reliable adhesion that strengthens as the bond builds over time
- Adheres to low-surface energy (LSE) materials
- Compatible with EtO (Ethylene Oxide) and gamma sterilization procedures

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
Film	18 +/- 15 %	457 +/- 15 %
Adhesive	3.9-4.1 +/- 0.1	99-104 +/- 3
Liner	3.1 +/- 10 %	1089 +/- 10 %

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

Adhesion Properties

Ultimate Peel from	Average Oz/In	(N/m)
Stainless Steel	106	1166
Acrylic	87	957
ABS	84	924
Polyethylene	99	1089

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

Additional Properties	Value	Test Method
Expected Shear (hours)	3	ASTM D 3654 Method A (1 hr dwell, 1 sq. in, 4 lb. load)
Tack (g)	840	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.

Purchasers must independently determine the material's suitability for their intended use. No distributor, salesman, or representative of Flexcon is authorized to provide any warranty or guarantee beyond what is stated. 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.

© 2026 Flexcon, Inc. All rights reserved.