# 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

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