



## TECHNICAL DATA

# BIOFLEX<sup>®</sup> RX743S

Double Coated Medical Pressure Sensitive Adhesive Film

### DESCRIPTION

**Bioflex Rx743S** is a polyester film, double coated with a medical grade acrylic adhesive. The product is supplied with a 60# kraft release liner.

### APPLICATIONS

- Medical device assembly

### PRODUCT BENEFITS

- Extremely aggressive medical grade adhesive
- Exceptionally high tack and peel
- Bonds well to low surface energy materials
- Excellent resistance to environmental extremes
- High adhesive coat weight aids in bonding to irregular surfaces

### TECHNICAL PROPERTIES

<b>Total Thickness</b> (not including liner)	3.5 mils (.089 mm)
<b>Adhesive Thickness</b> (each side)	1.5 mils (.038 mm)
<b>Carrier Thickness</b> (PET)	0.5 mils (.013 mm)
<b>Liner Thickness</b> (60# kraft)	3.5 mils (.089 mm)

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## ADHESIVE TEST DATA

### Peel Adhesion (PSTC 101 Mod./180°)

	Exposed		Liner	
	<u>Oz./Inch</u>	<u>(N/25mm)</u>	<u>Oz./Inch</u>	<u>(N/25mm)</u>
Initial to SS (20 min @ RT)	94	26	94	26

### Holding Power (PSTC 107 Mod./178°)

2.2 psi (1"x1"x1000g) @ RT	>24 hours	>24 hours
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## PRODUCT SAFETY

Primary Skin Irritation - Passed  
Cytotoxicity - Passed  
Sensitization - Passed  
Contains no natural latex proteins

The adhesive used in RX743S is an acrylic polymer that has been tested by an independent medical laboratory. Copies of the test procedures are available upon request. We welcome any further inquiries you might have concerning the use of this product. In all cases, however, the burden of determining the suitability of this product for a medical device falls on the manufacturer or processor of the medical device.