



*"If you can imagine it, Nadco will make it stick."*®

**3604**  
**DOUBLE COATED TAPE**  
**PRODUCT DATA SHEET**

**Liner:** 76lb polycoated bleached kraft, silicone treated on both sides.  
**Liner Side Adhesive:** Non-sensitizing acrylic (M109)  
**Backing/Carrier:** 0.5 mil polyester film  
**Air Side Adhesive:** Non-sensitizing acrylic (M109)

**Applications**

- Medical device attachment
- Medical device assembly

**Features**

**Benefits**

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| <ul style="list-style-type: none"> <li>• Polyester Film Carrier</li> <li>• Non-Sensitizing Acrylic Adhesive</li> <li>• 76lb PC Bleached Kraft</li> </ul> | <ul style="list-style-type: none"> <li>• Support for aid in processing and application</li> <li>• Easily conforms to various surface types</li> <li>• High tack and good shear properties</li> <li>• Stable to EtO and gamma sterilization</li> <li>• Low COF for hand apply applications</li> <li>• Good dimensional stability and moisture Resistance</li> </ul> |
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**Typical Test Values**

	<b>Standard UOM</b>	<b>Metric UOM</b>	<b>Test Method</b>
<b>Total Thickness w/liner</b>	8.8 mils	0.224 mm	PSTC 133
<b>Adhesive Thickness (Air Side)</b>	1.4 mils	0.036 mm	PSTC 133
<b>Carrier Thickness</b>	0.5 mils	0.013 mm	PSTC 133
<b>Adhesive Thickness (Liner Side)</b>	1.4 mils	0.036 mm	PSTC 133
<b>Liner Thickness</b>	5.5 mils	0.140 mm	PSTC 133
<b>Adhesion to Steel (Air Side)</b>	130 oz/in	14.22 N/cm	PSTC 101 Mod
<b>Adhesion to Steel (Liner Side)</b>	145 oz/in	15.86 N/cm	PSTC 101 Mod
<b>Shear Strength</b>	<24 Hours		
<b>Laminating Temperature</b>	50 to 150°F	10 to 65°C	
<b>Maximum Continuous Use</b>	160°F	71°C	
<b>Intermittent Use</b>	180°F	82°C	



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**PRODUCT SAFETY**

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The base adhesives in this medical product have been tested in accordance with ISO 10993 and found to be non-cytotoxic, non-sensitizing, and non-irritating. The adhesive in this product has also been tested on humans via Repeat Insult Patch Test and did not induce irritation or allergic contact dermatitis in subjects.

In accordance with FDA Cgmp requirements, Nadco reminds the customer that ultimately fitness for use must be determined by the manufacturer of the finished device.

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Recommended Storage Conditions: 40-60% Humidity, 60°F - 80°F

