

# S1001

## POLYSIL 2 MIL CLEAR SILICONE TRANSFER TAPE

### PRODUCT DESCRIPTION

#### Transfer Tape

PolySil™ S1001 silicone transfer adhesive is designed for high performance applications requiring chemical resistance, excellent bond strength and resistance to extreme temperatures (-100°F to 500°F). The 2 mil silicone adhesive is protected by two clear fluorosilicone coated polyester (PET) film liners. S1001 bonds well to metals, silicone foam, most plastics and low energy surfaces such as polyethylene and polypropylene.

### FEATURES & BENEFITS

- Excellent chemical resistance
- Excellent bond strength
- Performs in extreme temperatures
- UV resistant
- Passes (score 0) Primary Skin Irritation per ISO 10993-10
- Passes (score 0) Cytotoxicity per ISO 10993-5

### PRODUCT CONSTRUCTION



### PRODUCT SPECIFICATIONS

Test	Typical Value	Typical Value (Metric)	Test Method
Adhesive Thickness	2.00 mils	0.051 mm	PSTC-133
Peel Adhesion	54 oz/in	15.00 N/25mm	PSTC-101
Tack	40 oz	1134 g	ASTM D 2979
Shear Adhesion	168 hrs @ 2.2 psi	168 hrs @ 15.2 kPa	PSTC-107
Minimum Service Temperature	-100 °F	-73 °C	
Maximum Service Temperature	500 °F	260 °C	

Tested values are typical under standard conditions and are not intended to be used for specification development. Technical data is believed to be true and accurate; Adhesive Applications recommends that the purchaser test for performance and fitness of use in all applications.

### Adhesive Applications - The Adhesive Solutions Company

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