

# S1001-1DC11

## POLYSIL DOUBLE COATED SILICONE ADHESIVE TAPE

### PRODUCT DESCRIPTION

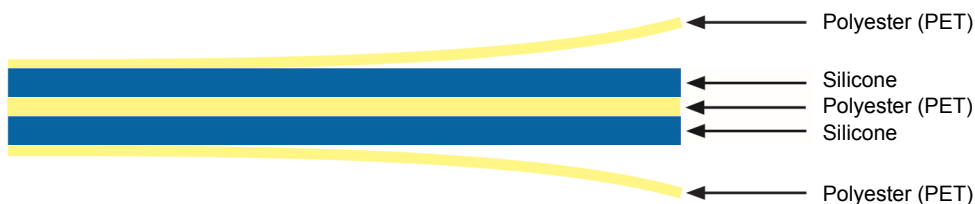
#### Double Coated Tape with Two Liners

PolySil™ S1001-1DC11 is a polyester (PET) film supported double coated silicone adhesive tape designed for high performance applications requiring chemical resistance, excellent bond strength and resistance to extreme temperatures. The silicone adhesive layers are coated on both sides of a 1 mil PET film carrier, and protected by two fluorosilicone coated PET liners.

### FEATURES & BENEFITS

- Bond well to many materials, including silicones
- Chemical and temperature resistant
- 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
Product Thickness (Total)	3.00	mils	0.076	mm	PSTC-133
Adhesive Thickness (Liner Side)	1.00	mils	0.025	mm	PSTC-133
Carrier Thickness	1.00	mils	0.025	mm	PSTC-133
Adhesive Thickness (Exposed Side)	1.00	mils	0.025	mm	PSTC-133
Peel Adhesion	40	oz/in	11.11	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
Tensile Strength	25	lb/in	109	N/25mm	PSTC-131
Elongation	180	%	180	%	
Minimum Service Temperature	-60	°F	-51	°C	
Maximum Service Temperature	350	°F	177	°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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Rev B

7/24/2018

