

S5005DC

POLYSIL DOUBLE COATED SILICONE ADHESIVE TAPE

PRODUCT DESCRIPTION

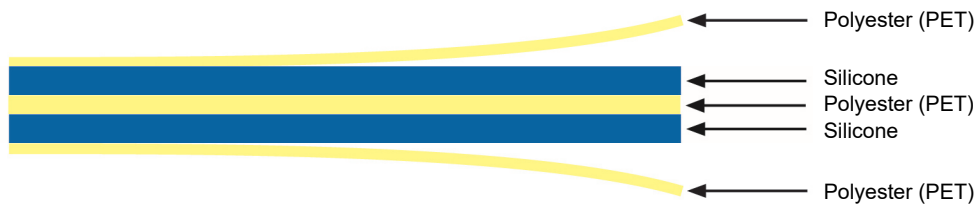
Double Coated Tape with Two Liners

S5005DC 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 0.5 mil PET film carrier, and protected by two fluorosilicone coated PET liners.

FEATURES & BENEFITS

- Bonds well to many materials, including silicones
- Excellent temperature & chemical resistance
- Thin, conformable PET carrier adds dimensional stability
- Passes (score 0) Cytotoxicity per ISO 10993-5
- Passes (score 0) Primary Skin Irritation per ISO 10993-10

PRODUCT CONSTRUCTION



PRODUCT SPECIFICATIONS

Test	Typical Value	Typical Value (Metric)	Test Method
Product Thickness (Total)	5.00 mils	0.127 mm	PSTC-133
Adhesive Thickness (Liner Side)	2.25 mils	0.057 mm	PSTC-133
Carrier Thickness	0.50 mils	0.013 mm	PSTC-133
Adhesive Thickness (Exposed Side)	2.25 mils	0.057 mm	PSTC-133
Peel Adhesion	70 oz/in	19.45 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	15 lb/in	66 N/25mm	PSTC-131
Elongation	110 %	110 %	
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

41 O'Neill Street
Easthampton, MA 01027

413-527-7120 Main
800-356-3572 Toll Free U.S.

www.adhesiveapps.com

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Applications™

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