TECHNICAL DATASHEET:
SA1060 Polysil Silicone/Acrylic Double Coated Adhesive Tape

PRODUCT DESCRIPTION

Polysil™ SA 1060 is a double coated/double lined polyester tape with a silicone pressure sensitive adhesive on one side and an acrylic pressure sensitive adhesive on the other. The silicone adhesive is designed for a strong bond to silicone and other low surface energy substrates, while the acrylic adhesive offers high adhesion to a wide range of materials and excellent heated shear properties.

TYPICAL APPLICATIONS

- Provides a solution for bonding silicone-based substrates to non-silicone materials

PRODUCT FEATURES & BENEFITS

- Designed for bonding dissimilar elements
- Excellent elevated temperature shear
  UV and chemical resistant
- Performs well in a wide temperature range
- Silicone exhibits superior bonding to low surface energy materials
- Acrylic combines low surface energy adhesion and temperature resistance

TECHNICAL DATA	VALUE	TEST METHOD / STANDARD
ADHESIVE THICKNESS, ACRYLIC SIDE	2 mils	PSTC-133
ADHESIVE THICKNESS, SILICONE SIDE	2 mils	PSTC-133
CARRIER THICKNESS	1 mils	
TOTAL THICKNESS	5 mils	PSTC-133
ADHESIVE TYPE	Silicone & Acrylic	
ADHESIVE SYSTEM	Permanent Adhesive	
ADHESIVE SIDE	Double Sided Adhesive	
ADHESIVE BACKING/CARRIER	PET	
COLOR	Clear	
LINER	PET	
CHEMICAL RESISTANCE	Excellent	
PEEL ADHESION, ACRYLIC SIDE	55 oz/in	PSTC-101
PEEL ADHESION, SILICONE SIDE	55 oz/in	PSTC-101
SHEAR ADHESION @ 2.2 PSI, ACRYLIC SIDE	>168 hours	PSTC-107
SHEAR ADHESION @ 2.2 PSI, SILICONE SIDE	>168 hours	PSTC-107
TACK, ACRYLIC SIDE	54 oz	ASTM D2979
TACK, SILICONE SIDE	40 oz	ASTM D2979
MAXIMUM SERVICE TEMPERATURE	350°F	
MINIMIUM SERVICE TEMPERATURE	-40°F	
TENSILE STRENGTH	25 lb/in	PSTC-131
UV RESISTANCE	Excellent	
COMPRESSION DEFLECTION	180%	ASTM D1667
ELONGATION	180%	