

TECHNICAL DATASHEET: SGT T2040 Polyurethane Structural Glazing Tape

PRODUCT DESCRIPTION

Very high density, high modulus polyurethane foam coated on one side with a high performance acrylic adhesive. The acrylic (I645) adhesive product provides strength and dimensional stability, conforms to flat and curved surfaces and has good dimensional stability.

TYPICAL APPLICATIONS

- Perfect for curtain walls, silicone structural glazing, solariums, skylights, auto glass replacement, thermal breaks, and vibration damping
- Easy to use for assembly or spacing
- Prevents shifting after assembly
- Perfect for 2 and 4-sided structural glazing systems

PRODUCT FEATURES & BENEFITS

- Fully compatible with silicones and most glazing compounds and adhesives
- Low compression set
- Thermoformable
- Dimensionally stable
- Conforms to uneven surfaces, no voids, and excellent surface contact
- Breathable

TECHNICAL DATA	VALUE	TEST METHOD / STANDARD
THICKNESS	1/16", 3/32", 1/8", 3/16", 1/4", 5/16", 3/8", 1/2"	
COLOR	Black	
POLYMER	Polyurethane Foam	
LINER	55# Gold Glassine Liner	
ADHESIVE SYSTEM	Permanent Adhesive	
ADHESIVE SIDE	Single Sided Adhesive	
ADHESIVE TYPE	Acrylic (I645)	
CELL STRUCTURE	Open Cell	
ACRYLIC ADHESIVE LAMINATING TEMPERATURE	68°F to 100°F	
ACRYLIC ADHESIVE SERVICE TEMPERATURE	-4°F to 300°F	
ADHESION TO STEEL, 15 MIN DWELL (2 mil AL Foil Backing)	86 oz/in	PSTC-101 MOD
ADHESION TO STEEL, 72 MIN DWELL (2 mil AL Foil Backing)	106 oz/in	PSTC-101 MOD
COMPRESSION DEFLECTION @ 25%	30 - 50 psi	ASTM D1056
COMPRESSION FORCE DEFLECTION @ 25%	23.1 psi	ASTM D3574
COMPRESSION SET (MAX)	3%	ASTM D1056
DENSITY	17 - 23 lb/ft ³	ASTM D3574
ELONGATION	140%	ASTM D3574
SERVICE TEMPERATURE	-40°F to 250°F	
TENSILE STRENGTH	230 psi	ASTM D3574
RESILIENCE	38%	ASTM D2632
FMVSS-302	Pass @ .063" or Thicker	
TEAR STRENGTH	25 lb/in	ASTM D624

Specifications are believed to be accurate at the time of publication and are subject to change without notice. It is the responsibility of the end-user to test and determine suitability of this material for a particular application. **REV. 0**