

## TECHNICAL DATASHEET: SGT T2040 Polyurethane Foam

**PRODUCT DESCRIPTION**

Very high density, high modulus polyurethane foam.

**TYPICAL APPLICATIONS**

- Perfect for curtain walls, storm windows 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	Polyether Polyurethane Foam	
CELL STRUCTURE	Open Cell	
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 <sup>3</sup>	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**