



Technical Data Sheet

Pres-On SG6400 Series Structural Glazing Tape

- Superior initial adhesion to speed on-site fabrication
- High strength open cell urethane foam
- Long-term resistance to environmental and aging damage
- Excellent adhesion to bare metal, glass and paints
- Ideal for structural glazing, thermal breaks on storm windows and doors, curtain wall, and as die cut for vibration and sound dampening

GENERAL DESCRIPTION

SG6400 Series
(black only)

Structural Glazing Tape is a high-strength open cell urethane foam tape coated on both sides with a specifically formulated proven acrylic adhesive exhibiting superior initial adhesion properties and holding power, along with excellent bond to a wide range of fabrication materials including paints, vinyl, plastics, bare metal and glass. SG6400 is also highly resistant to weather extremes, fungi and oxidation.

APPLICATIONS

Thermal break on storm windows and doors, curtain wall, die-cut to dampen vibration and sound

PERFORMANCE

TEST	TYPICAL PERFORMANCE	TEST METHOD
Loop Tack	60 oz/in typical	TLM1 LIB1
Adhesion @ 72°F to the following		
Steel immediate	2.5 lbs/in width	PSTC-1
Steel after 24 hrs	3.5 lbs/in width or foam tear	PSTC-1
Aluminum immediate	2.5 lbs/in width	PSTC-1
Aluminum after 24 hrs	3.0 lbs/in width or foam tear	PSTC-1
Glass immediate	2.0 lbs/in width	PSTC-1
Glass after 24 hrs	3-5.0 lbs/in width or foam tear	PSTC-1
Powder Paint immediate	2.0 lbs/in width	PSTC-1
Powder Paint after 24 hrs	3-5.0 lbs/in width of foam tear	PSTC-1
Static Shear @ 72°F 1 x 1 x 500 grams	indefinite	PSTC-7
Static Shear @ 72°F 1 x 1 x 1000 grams	1000 hours minimum	PSTC-7
Water and Humidity Resistance	excellent	Pres-on PTM-3
Application Temperature	45°F to 120°F	Pres-on PTM-1
Service Temperature	40°F to 180°F	Pres-on PTM-2
Shelf Life	1 year stored at room temperature	

PERFORMANCE

PROPERTY	TEST METHOD	UNIT OF MEASURE	RESULT
Density	ASTM D 3574	lb/ft ²	20
		kg/m ³	272-368
Hardness	ASTM D2240	Shore A	30
	ASTM D1056	Shore 00	78
Tensile Strength	ASTM D3574	psi	150 (min)
		kPa	1034 (min)
Elongation	ASTM D3574	%	120 (min)
Tear Strength	ASTM D624	lb/in	25 (min)
		kN/m	4.4 (min)
Compression Set (50%-22 hrs @73°F)	ASTM D1056	%	3 (max)
Compression Force Deflection 25%	ASTM D3574 ²	psi	19-25
		kPa	131-172
Compression @25%	ASTM D1056	psi	30-50
		kPa	207-345
Color	N/A	N/A	Black
Flammability	FMVSS-302: Pass (.063 or Thicker) ¹		

1. Submit request for any thickness below .063"

2. Devation, material tested at .250° instead of .500°

3. This information is furnished as a guide for selecting materials. Pres-On disclaims liability for results or use of this information. It is the customer's responsibility to obtain and test samples when determining suitability of material for a particular application.

STANDARD ROLL SIZES

All rolls available in widths from 3/16" to 54", black only

SERIAL NUMBER	THICKNESS	LENGTH
SG6412	1/8"	50'
SG6425	1/4"	50'
SG6437	3/8"	25'

APPLICATION NOTES

Thoroughly clean contact surface before use. Once SG6400 has been applied, it cannot be removed and reused. Therefore, position SG6400 carefully, assuring that it is in contact with all surfaces. If SG6400 is misaligned, remove used unit, discard and repeat application with new unit. Test product for system compatibility as individual application conditions can impact results. Due to the many variables involved in structural glazing systems, each project should be individually lab tested by the silicone manufacturer for compatibility between SG6400, structural silicone and all other adjacent components. SG6400 is a spacer material and is not intended to be a structural component. Pres-On does not assume any responsibility or liability for any advice furnished by it, or for the performance or results of any installation or use of the product(s) or any final product into which the product(s) may be incorporated by the purchaser and/or user. The purchaser and/or user should perform its own tests to determine the suitability and fitness of the product(s) for the particular purpose desired in any given situation.

CROSS REFERENCE

St. Gobain: V-2200
Capital Tape: UK2526