

**Structural Effectiveness of *Super Spacer's*
Acrylic Pressure Sensitive Adhesive**

A high-performance acrylic pressure-sensitive adhesive PSA is used as a structural element in Edgetech's Super Spacer® system. The adhesive provides good tack and high shear strength for immediate adhesion and long-term holding power. The acrylic adhesive has excellent ultraviolet stability and elevated temperature resistance. The 3-mil thickness of this adhesive provides outstanding adhesion to both smooth and moderately rough or textured surfaces.

PHYSICAL PROPERTIES	TYPICAL VALUES*	TEST METHOD
Quick Tack , lbs./sq. in. Stainless Steel Glass 6.42	4.00	Manufacturer's
Peel Adhesion , lbs/in. Stainless Steel - 30 minute residence Glass - 30 minute residence	3.90 6.10	PSTC - 3
Shear , hours to fail Stainless Steel - 1000 g/sq. in. @ 72°F Glass - 1000 g/sq. in. @ 72°F	300+ 200+	PSTC - 7
Thickness , in. Adhesive only	0.003	
Temperature Range Guidelines Application: End Use:	Above 50°F (10°C) for best performance -40°F to 250°F (-40°C to 121°C)	

CHEMICAL RESISTANCE:

Resistant to water, detergent, alcohol, aliphatic and some aromatic hydrocarbons. Not recommended for use in contact with active solvents such as ketones, esters and some chlorinated hydrocarbons.

PSTC: Pressure Sensitive Tape Council

Quick Tack: Property that allows a PSA to adhere to a surface under very light pressure. It is determined by the ability of the adhesive to quickly wet the surface contacted.

Peel Adhesion: The force per unit width required to break the bond between a tape and a surface when peeled back, usually at 180°F at a standard rate and condition.

Shear Adhesion: The ability of a tape to resist the static forces applied in the same plane as the backing. Also called holding power or creep resistance.

* Values given are typical and are not necessarily for use in specifications.

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2	Formatting	06-11
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