



# SilGrip™ PSA810 and PSA820 High Temperature Silicone Pressure Sensitive Adhesives

**Providing the right combination of adhesion and removability properties**

High temperature applications require a special balance of adhesion and removal properties. Our SilGrip line of methyl and phenyl-based PSAs includes both a moderate tack (PSA810) and high tack (PSA820) version that provide enhanced shear adhesion when temperatures are elevated. For consistent, repeatable performance, even with rapid temperature increases, these PSAs offer advanced thermal-resistance properties and clean removability.

## Key Features and Typical Benefits

- Outstanding performance at temperatures up to 360°C (680°F); see SAFT data on next page
- High heated lap shear performance and SAFT (shear adhesion failure temperature)
- Reduced lift/flagging via excellent resistance to thermal degradation
- Easy and clean adhesive removal without residue
- Quicker tape changes via excellent hot peel properties

## Clean Adhesive Removability Testing

High Temperature Residue Test SilGrip PSA810/PSA820 vs Traditional Methyl PSA				
	280°C (536°F)/30 minutes			
	Traditional Methyl PSA		PSA810/PSA820	
	Hot Peel	RT Peel	Hot Peel	RT Peel
Appearance				
Performance	Residue		No Residue	

## Typical Applications

Plasma flame spray tapes and backings

Heat seal tapes

Electronics masking tape

High temperature protection media

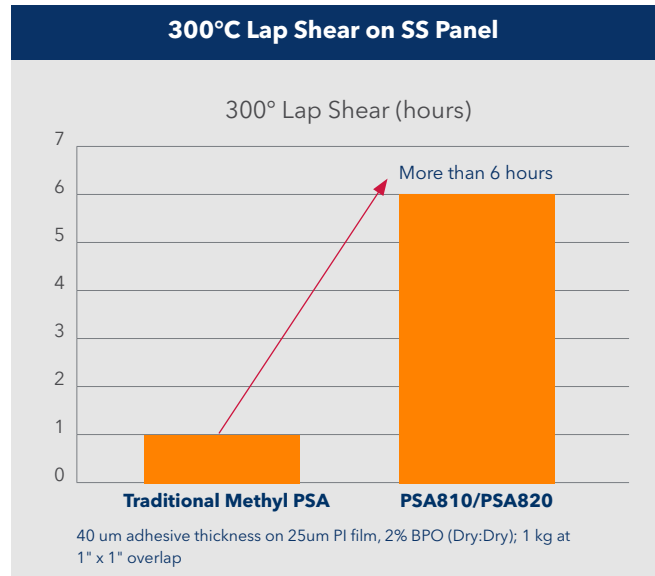
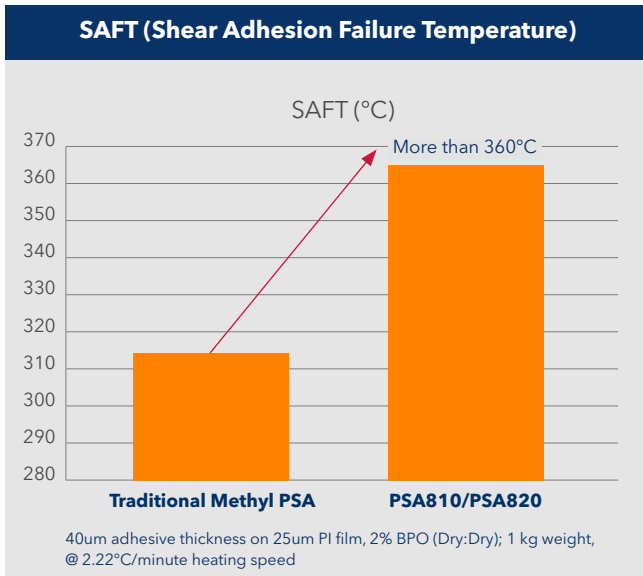
High temperature splicing tapes

Applications requiring high heat resistance and clean removability

SilGrip PSA810/PSA820 demonstrate superior clean removal properties.

*Test data. Actual results may vary.*

## Adhesion Characteristics



Our PSA 810/820 PSAs exhibit excellent adhesion at high temperatures.

*Test data. Actual results may vary.*

Momentive's broad portfolio of silicone-based PSA products provide versatile solutions for the entire tape and label industry. SilGrip and SPUR+™ Silylated Polyurethane PSAs offer a range of cure chemistries, temperature performance, coating options, adhesive properties and release profiles that can perform on a variety of substrates.

**Discover how our PSA products can be used in conjunction with a variety of applications or find the right PSA technology that best fits your operation.**



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