

S7459 POLYURETHANE ADHESIVE

Formulated for Solar Adhesive Applications



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Epic S7459 is a line of two component flexible polyurethane adhesives with an easy to use 1:1 by volume mix ratio. They are thixotropic adhesives that feature a gel time of under 10 minutes and tenacious adhesion to various thermoplastic materials. Epic S7459 is especially well suited for the automated bonding of junction boxes to PV modules and for the frame sealing of PV modules. Epic S7459 is also supplied in 50 ml and 400 ml cartridges for manual operations.

KEY PRODUCT BENEFITS

- Significant Cost Savings vs. Traditional materials
- Various gel versions available
- Gel Times are easily adjusted to fit your processing requirements
- Great Strength and Elongation properties
- Short working time for faster production cycle times
- Flexible-Provides stress relief under high wind loading and thermocycling conditions
- Will not peel like foam tapes
- Black or White Color

THE EPIC ADVANTAGE

- ISO 9001 and ISO 14001 recognized Management System
- Extensive Customer support that includes:
 - New Product Development
 - Product Customization
 - Application Property Testing
- In house MMD equipment for product and process validation
- Local Field Technical Service- No need to work through distributors

S7459 DATA	
Viscosity ASTM D2393	Thixotropic
Gel Time ASTM D3056	5-10 minutes*
Hardness ASTM D2240	38-42 Shore A
Elongation ASTM D412	700-800%
Tensile Strength ASTM D412	250-300 psi
Lap Shear Adhesion Modified ASTM D1002	
Polycarbonate	24-28 psi
Acrylic	45-75 psi
PVC	116-156 psi
ABS	72-100 psi
Aluminum	252-296 psi
Specific Gravity ASTM D1875	1.07-1.10

*Adjustable



EPIC RESINS
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Failing double-sided
junction box tape



EPIC RESINS

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