



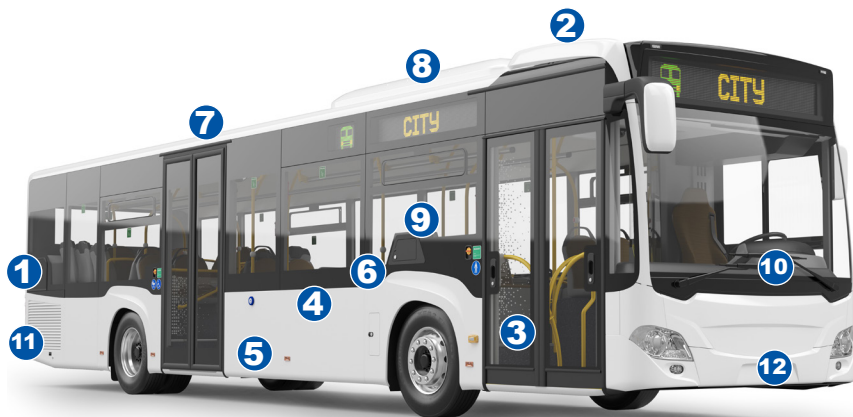
SG230HV & SG300

TWO COMPONENT, 10:1 METHACRYLATE ADHESIVES

BUS &
COACH

Adhesives Formulated For Bus and Coach Manufacturing

Excellent choice for bonding internal parts, chassis, and frame components with minimal surface preparation.



1. Front & Rear Shell Bonding
2. Roof Bonding
3. Door Panel Bonding
4. Side Panel Bonding
5. Luggage Door (Coach)
6. Window Frame Bonding
7. Roof Hatch
8. Air Conditioning Cover
9. Interior Parts
10. Front Dash & Panel Components
11. Rear Engine Cover
12. Front Bumper and Grill

Permanent Strength & Environmental Resistance
SG230HV & SG300 are built to provide permanent bonds in harsh environments with minimal surface preparation.

Bring It Together Better with SG230HV & SG300

With exceptional environmental impact performance and outstanding fatigue resistance, SG230HV and SG300 are among the most capable adhesives across various industries. Their ability to bond composite, metal, and plastic parts with minimal or no surface preparation allows them to easily replace welding, rivets, and mechanical fasteners in buses and coaches. These adhesives help reduce weight, stress points, and cycle time while enhancing aesthetics and design flexibility. This makes SG230HV and SG300 two of the most versatile bonding formulas for modern transportation manufacturing operations.

Expert Technical Support

Our technical team collaborates closely with you to solve complex application problems, conducting tests tailored to your specific needs. We ensure quick response times to technical inquiries and provide in-field technical support. We pride ourselves on offering a personalized service.

We'd like to work with you to see if SG230HV and SG300 are a good fit for what you're bringing together. Contact us today and let's arrange an on-site demo.

NOTES:

1. Remove dust, loose scale, rust and other surface residue including oil and grease. SG230 requires MP100 primer.
2. Polyolefins, thermoplastic polyesters, fluorocarbon plastics and other low surface energy plastics are generally not bondable.
3. Lap shear strength of UNPRIMED aluminium to aluminium based on ASTM D1002 method.

SG230HV

- Excellent choice for bonding FRP composites
- No sag on non-level or vertical surfaces
- Impact resistant gap filling to 1.5 inches (39mm)

SG300

- Ideal for bonding dissimilar materials
- Excellent fatigue, impact and environmental resistance properties
- No sag on non-level surfaces

PRODUCT PROPERTIES (In Minutes)

	Cartridge	Adhesive	Working Time	Fixture Time
SG230HV	SG230-30	SG230HVA	25 - 30	45 - 55
	SG230-40	SG230HVA	35 - 45	60 - 75
	SG230-60	SG230HVA	50 - 70	140 - 170
	SG230-80	SG230HVA	70 - 90	180 - 210
SG300	SG300-05	SG305A	4 - 6	15 - 20
	SG300-15	SG315A	13 - 17	30 - 40
	SG300-40	SG340A	35 - 45	80 - 90

Time to reach 70% of ultimate strength in lap shear @75°F (24°C)³

RECOMMENDED FOR BONDING

Composites	Metals ¹	Thermoplastics ²
Epoxy	Aluminum	Acrylics/PMMA
Polyester/DCPD	Carbon Steel	PVC/CPVC
Vinyl Ester	Stainless Steel	Styrenics
Gelcoats	Coated Metals	FRP

CERTIFICATIONS

