

AJ Adhesives offers a complete line of engineered structural methacrylates offering a wide range of versatility in meeting your application requirements.

AJ's methacrylates have been engineered to provide a unique balance of tensile, shear, and peel strength, they assure maximum performance in assemblies that see stress, shock, and impact.



METHACRYLATES

Your AJ Adhesives representative can help select the proper product from the following list or formulate a customized solution that will fulfill your application needs. Samples are also available for testing purposes.

Product	Strength	Viscosity	Temperature	Description
MP 5300 SERIES - MAXIMUM PERFORMANCE UV CURABLES				
MP-53301	4000 psi	200 cPs	-60 ° to +350 °F	Ideal for tight fitting plastic components, PVC tubing, polycarbonate. Creates flexible joint when cured.
MP 5400 SERIES - MAXIMUM PERFORMANCE EPOXIES				
MP-5401	6770 psi	Paste	-40 ° To 400 °F	One part, heat cure, forms a tough durable bond. Excellent high performance at elevated temps and superior sag control.
MP-5405	2000-4000 psi	12,500 cPs	-60 ° to +250 °F	General purpose fast setting, 5 minute work life epoxy. Forms a rigid bond, machinable, clear, flow-able, low odor material.
MP-54110	2000-4000 psi	45,000 cPs	-60 ° to +250 °F	Fast curing, flexible, excellent weather resistance, bonds well to glass, metal, and plastic. Resist fuel and solvent environments, with good impact resistance.
MP-54125	2000-4000 psi	48,000 cPs	-60 ° to +250 °F	Good peel strength, higher temp resistance, medium open time for part adjustment and alignment.
MP-54190	3300-4000 psi	15,000 cPs	-60 ° to +250 °F	Long work life, with good peel strength. Maximum adjustment and positioning time.
MP-54270	1800-3000 psi	20,000 cPs	-60 ° to +250 °F	Potting compound for electronic applications. Non corrosive material, with good work life.
MP-54421	4000-5000 psi	43,000 cPs	-60 ° to +250 °F	High performance epoxy, excellent shear and peel strength. High viscosity for maximum gap filling.
MP-54460	4000-5000 psi	40,000 cPs	-60 ° to +250 °F	High performance epoxy, high peel and shear strength. Longer work life.
MP-5400	6400 psi	Paste	-40 °F to +400 °F	One part, heat cure, non-sag, structural adhesive. Ideal for bonding magnets, steel, aluminum, glass, some plastics, etc.
MP-5401	6770 psi	Paste	-40 °F to +400 °F	One part, heat cure, forms a tough, durable bond. Excellent high performance at elevated temperatures and superior sag control.

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Product	Viscosity	Temperature	Description
MP 5500 SERIES - MAXIMUM PERFORMANCE METHACRYLATES			
MP-55300	Non-Sag	-55 °F to 225 °F	General purpose used for bonding plastics and metal components. Fast cure time for high speed assembly.
MP-55305	Non-Sag	-55 °F to 225 °F	High impact resistance for metals and plastics. Tough, flexible adhesive with a fast cure time for high speed assembly.
MP-55310	120,000 cPs	-55 °F to 225 °F	Excellent metal bonder with good results on plastics as well. Medium cure speed for part positioning and adjustment.
MP-55330	Non-Sag	-55 °F to 225 °F	High impact, maximum flexibility and elongation. High tensile shear strength. Fast cure speed.
MP-55350	Non-Sag	-55 °F to 225 °F	Long open time with good work life. Bonds well to most plastics, composites, and metals.
MP-55420	Non-Sag	-55 °F to 225 °F	High performance bonding, metal, aluminum, composite materials, FRP, wide range of plastics. Tough durable bonds with excellent aging and weathering properties.

AJ Adhesives is the manufacturing industry's premier source of industrial adhesives and industrial adhesive application equipment. Ordering from AJ is the most cost effective and productive route to adhesive purchasing with supported territories throughout the Midwest, Southwest, Northwest and Northern U.S. and warehouse locations in St. Louis, Chicago, Houston and Seattle.

Holding North American Manufacturing Together®

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