



Aerospace Epoxy Liquid Shim Products

Components	Cure	Mixed Specific Gravity	Mix Ratio By Weight	Available in Cartridges	Color	Flame Retardant	Pot Life in Minutes (3 oz)	-67°F (-55°C) Al-Al Lap Shear PSI	75°F (23°C) Al-Al Lap Shear PSI	180°F (82°C) Al-Al Lap Shear PSI	350°F (177°C) Al-Al Lap Shear PSI	T-Peel (PLI)	Flanging Roller Peel (PIW)	Tg	Compressive Strength (PSI)	Compressive Modulus (PSI)
Magnobond 6389 A/B - A two-component epoxy adhesive/shim system with single component epoxy adhesive having high bond strength and good lap shear and peel strength. Magnobond 6398 A/B meets the following specification: Gulfstream Aerospace GMS 4003.	2 7 Days @ RT	1.35	100/27	Semkit only	Black	No	35	3200	3000	2500	1400	TBD	TBD	TBD	15000	800,000
Magnobond 6398 A/B - A two-component, non-bondline control, thixotropic paste epoxy system with good properties at high and low temperatures using a room temperature cure which is designed for bonding metals and composite structures. Magnobond 6398 A/B meets the following specifications: Bell Helicopter/Textron 299-947-100, Rev. N, Type II, Class 2 Bell Helicopter/Textron 299-947-359, Rev. A, Type I Bell Helicopter/Textron 299-947-359, Rev. A, Type I Lockheed Martin LMA-ML111, Type 1 Rockwell RBO-120-023 Raytheon Specification BS 201	2 7 Days @ RT	1.25	100:27	Yes	Grey	No	80	4000	4500	3000	900	10	20	TBD	10000	500,000
Magnobond 6448 A/B - A two-component epoxy adhesive/shim system designed to set in just 8 hours at room temperature. Magnobond 6448 A/B meets the following specifications: Boeing/McDonnell Douglas MMS-358 Lockheed Martin FMS 3070-D Lockheed Martin 5PTMLG00, Form #1	2 7 Days @ RT	1.3	100:25	Semkit only	Grey	No	120	4000	4000	3500	1500	1.5	8	TBD	20000	500,000
Magnobond 6380 A/B - A toughened, non-metallic filled, bond-line controlled epoxy adhesive/shim system for use on a wide variety of substrates which has good properties over a wide range of temperatures and sets at room temperature in just 6 hours. Magnobond 6380 A/B meets the following specifications: Boeing/Sikorsky Specification 2000-777-016, 0-02-DASH-001A Rockwell MBO-120-037, Type II, Class I Sikorsky SS 8622-007A	2 7 Days @ RT	1.2	100:27	Yes	Red	No	90	4000	4000	2500	600	20	50	TBD	7000	425,000
Magnobond 6383 A/B - A two-component epoxy adhesive/shim system designed for bonding and shimming applications requiring good elevated temperature properties. Magnobond 6383 has a smooth, non-sagging, thixotropic paste consistency and a long pot-life. Application life as described in MMS 348 is over 1 hour. Magnobond 6383 has good hot/wet strength. Lap shear strengths surpass 1000 psi at 250°F after 30-day exposure to 200°F water. Magnobond 6383 A/B meets the following specifications: McDonnell Douglas Specification MMS 348	2 7 Days @ RT	1.2	100/26	Semkit only	Grey	No	75	3000	3000	2000	TBD	TBD	TBD	TBD	10000	TBD
Magnobond 6383-3 A/B - A two-component epoxy adhesive/shim system which exhibits good tensile lap shear strength from -67°F to 300°F on a wide variety of substrates. This product can be cured at room temperature or accelerated with heat. Magnobond 6388-3 A/B combines long pot life yet fast cure in a thin film. When mixed, Magnobond 6388-3 A/B can be spread and feathered without sags or runs and has outstanding hot/wet strength. There is little or no loss of adhesive strength after conditioning for 1000 hours at 160°F and 95% relative humidity. Magnobond 6383-3 A/B meets the following specifications: U.S. Government MMM-A-132 and MMM-A-134 National Stock Number 8040-00-270-8137 Lockheed Martin FMS 1048D	2 7 Days @ RT	1.2	100:26	Semkit only	grey	No	50	3000	3200	2800	900	TBD	TBD	TBD	TBD	TBD