



STRUCTURAL BONDING ADHESIVES & SEALANTS

Highlights

- Wide range of adhesives available in 1 component or 2 components in room temperature or heat cures.
- Some products available in Triggerbond® – a convenient dual barrel cartridge.
- Viscosities range from 500 cps to non-sag and pastes.
- Pot life ranges from 5 minutes to 4 hours.
- Available colours include black, clear, grey, tan, transparent, and white.
- Broad operating temperature range, from as low as -65° C to as high as +230° C.
- Variety of products meet different standards such as flame-retardant UL94 HB, indirect food contact FDA Regulations, and thermal shock MIL-I-16923.



2 component epoxy

Product	Description	Color	Mix Ratio*	Pot life (minutes)	Viscosity (cps)	Operating Temperature Range (°C)	Product Approval	Triggerbond® (dual cart)
10-3001	Thixotropic variable mix ratio epoxy that passes MIL-I-16923 with outstanding thermal shock, impact, and vibration resistance.	Tan	1:1, 2:1, 1:2	45	Paste	-50 to +125	MIL-I-16923	
10-3002	Versatile variable mix ratio epoxy with high peel strength and outstanding thermal shock, impact, and vibration resistance. Higher viscosity version of 10-3003.	Clear	1:1, 2:1, 1:2	90	70,000	-50 to +125	-	Y
10-3003	Versatile variable mix ratio epoxy with high peel strength and outstanding thermal shock, impact, and vibration resistance.	Clear	1:1, 2:1, 1:2	90	15,000	-50 to +125	-	Y
10-3003NS	Versatile variable mix ratio epoxy with high peel strength and outstanding thermal shock, impact, and vibration resistance. Non-sag version of 10-3003.	Clear	1:1, 2:1, 1:2	45	55,000	-50 to +125	-	Y
10-3004NC	Versatile variable mix ratio epoxy with high peel strength and outstanding thermal shock, impact, and vibration resistance. Low viscosity version of 10-3003.	Clear	1:1, 2:1, 1:2	90	5,400	-50 to +125	-	Y
10-3005	5 minute set high bond strength epoxy ideal for on field repairs.	Clear, Black	1:1	5	12,000	-50 to +130	Meets UL94 HB	Y
10-3005HV	5 minute set, slightly thixotropic epoxy with high bond strength ideal for on field repair. High viscosity version of 10-3005.	Clear, Black	1:1	5	45,000	-50 to +130	-	Y
10-3005NS	5 minute set high bond strength epoxy ideal for on field repairs. Non-sag version of 10-3005.	Clear, Black	1:1	5	Non-Sag	-50 to +130	Meets UL94 HB	Y
10-3009NC ^A	Low viscosity, variable mix ratio adhesive with outstanding thermal shock resistance, passing MIL-I-16923.	Clear	1:1, 2:1, 1:2	25	1,000	-50 to +150	MIL-I-16923	Y
10-3012 ^A	Water resistant, high bond strength adhesive ideal for field repairs, industrial, electrical, and jewelry applications.	Clear	1:1	10	5,000	-40 to +100	-	Y
10-3016NC	Low viscosity, unfilled adhesive and sealant with a variable mix ratio.	Clear	1:1, 2:1, 1:2	45	1,000	-50 to +125	-	
10-3020	20 minute set high bond strength epoxy ideal for electrical, industrial, structural, and jewelry applications.	Clear, Black	1:1	10	12,000	-50 to +130	Meets UL94 HB	Y
10-3020NS	20 minute set high bond strength epoxy ideal for electrical, industrial, structural, and jewelry applications. Non-sag version of 10-3020.	Clear, Black	1:1	10	Non-Sag	-50 to +130	Meets UL94 HB	Y
10-3026	Fast setting adhesive and encapsulant with a good dielectric strength ideal for small electronic potting and encapsulating.	Clear	1:1	5	10,000	-40 to +120	-	Y
10-3033	Room temperature cure adhesive that meets FDA regulations permitting use in "indirect" food contact applications	White	100:43	90	35,000	-40 to +130	Meets FDA regulations	
10-3039	High viscosity, room temperature cure adhesive that meets FDA regulations permitting use in "indirect" food contact applications	White	100:43	90	200,000	-40 to +130	Meets FDA regulations	

2 component epoxy (continued)

Product	Description	Color	Mix Ratio*	Pot life (minutes)	Viscosity (cps)	Operating Temperature Range (°C)	Product Approval	Triggerbond® (dual cart)
10-3044	Tough stencil adhesive with excellent chemical and heat resistance.	White, Gray	2:1	20	150,000	-60 to +140	-	Y
10-3046	46 minute set high bond strength epoxy ideal for electrical, industrial, structural, and jewelry applications.	Clear, Black	1:1	25	12,000	-50 to +130	-	Y
10-3046NS	46 minute set high bond strength epoxy ideal for electrical, industrial, structural, and jewelry applications. Non-sag version of 10-3046.	Clear, Black	1:1	25	Non-Sag	-50 to +130	Meets UL94 HB	Y
10-3050	Non-sag, butter-on epoxy coating	Gray	1:1	40	Paste	-60 to +160	-	
10-3062	Water resistant, room temperature cure adhesive that meets FDA regulations permitting use in "indirect" food contact applications.	Clear	2:1	120	24,000	-40 to +130	Meets FDA regulations	Y
10-3063	Water resistant, room temperature cure adhesive that meets FDA regulations permitting use in "indirect" food contact applications.	White	2:1	90	36,000	-40 to +130	Meets FDA regulations	Y
10-3080	Ultra clear adhesive and coating with an RI of 1.528 designed to prevent premature yellowing and degradation.	Clear	1:1	60	4,300	-50 to +150	-	
10-3509	Fast setting, reinforced adhesive and repair system ideal for pipe and concrete repairs.	Gray	100:13	15	Paste	-30 to +130	-	
10-3713 ^A	Low viscosity, ultra clear adhesive with UV protectors.	Clear	2:1	45	650	-50 to +150	-	Y

1 component epoxy

10-3783 ^{A**}	One component, fast set adhesive with excellent chemical and heat resistance.	Gray	-	-	60,000	-50 to +180	-	
10-3784 ^{A**}	Non-sag version of 10-3783.	Gray	-	-	Paste	-50 to +180	-	
10-3792 ^{A**}	One component adhesive with great thermal shock and impact resistance at elevated temperatures.	Black	-	-	9,000	-50 to +200	-	

Polyurethane

10-2055	General purpose, semi flexible adhesive for high CTE substrates.	Clear	1:1	5	Light Paste	-40 to +120	-	Y
10-2055HV	General purpose, high viscosity, semi flexible adhesive for high CTE substrates.	Clear	1:1	5	Heavy Paste	-40 to +120	-	Y
10-2170	Low viscosity room temperature curing adhesive.	White	1:02	10	500	-40 to +120	-	Y

*The mix ratio for Triggerbond® products is by volume; all other products are by weight. For products with variable mix ratios, refer to the product data sheet for more information.

** Heat cure only

^A RoHS Compliant only. All other products are REACH and RoHS Compliant.

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Toughened epoxy

Product	Description	Color	Mix Ratio*	Pot life (minutes)	Viscosity (cps)	Operating Temperature Range (° C)	Product Approval	Triggerbond* (dual cart)
10-3041	Fast curing toughened epoxy adhesive with a 30 minute tack free time.	Off white	2:1	12	15,000	-40 to +135	-	Y
10-3092 Catalyst 190	Fiberglass filled high strength adhesive for added impact, compression, and thermal shock resistance.	Black	100:6.5	45	26,000	-40 to +135	-	
10-3092 Catalyst 30	Fiberglass filled high strength adhesive for added impact, compression, and thermal shock resistance.	Black	100:13	240	32,000	-55 to +155	-	
10-3092 Catalyst 145	Fiberglass filled high strength adhesive for added impact, compression, and thermal shock resistance.	Black	100:15	60	3,500	-65 to +110	-	
10-3216GR	Toughened, flexible, and impact resistant adhesive with high peel and shear strength. Ideal for bonding metals, plastics, and rubbers .	Gray	1:1	70	150,000	-50 to +110	-	Y
10-3216TR	Translucent, lower viscosity version of 10-3216GR.	Clear	1:1	60	27,000	-50 to +110	-	Y
10-3217	Toughened, flexible, and impact resistant adhesive with high peel and shear strength. Ideal for bonding metals, plastics, and rubbers .	Black, Gray	1:1	45	75,000	-50 to +110	-	Y

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Applications

- PCB Component Bonding
- Outdoor Filter Bonding
- Metal, Pewter, Glass & Ceramic Bonding
- Felt, Cement & Gemstone Bonding
- Plastic & Rubber Bonding
- Enclosure Casing Bonding and Sealing
- Field Repair Application, etc.

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