

NEA Selector Guide

	Description	Cure	ADHESION TO:				TYPICAL PROPERTIES				
			Glass	Metal	Plastic	Color	Viscosity at 25 Degrees C	Modulus PSI	Tensile PSI	Elongation at Failure	Shore D Hardness
NEA 121	Adhesive for tacking, filling, sealing, conformal coating and tamperproofing precision components.	UV/HEAT	Excellent	Excellent	Fair	Clear	300 CPS	160,000	3,500	30%	85
NEA 123	High viscosity thixotropic paste for wire tacking, chip bonding and coil terminating.	UV/HEAT	Excellent	Good	Good to Excellent	Translucent	200,000 CPS	50,000	3,000	60%	60
NEA 123L	Low viscosity thixotropic paste for sealing, chip bonding, filleting, wicking and thin sections.	UV/HEAT	Excellent	Good	Good to Excellent	Translucent	8,000 CPS	2,860	434	45%	67
NEA 123M	Low viscosity thixotropic paste for wire tacking, encapsulating, fixturing and tamperproofing.	UV/HEAT	Excellent	Good	Good to Excellent	Translucent	12,000 CPS	2,380	657	60%	64
NEA 123S	Medium viscosity thixotropic paste for sealing, wire coating, wire tacking and coil terminating.	UV/HEAT	Excellent	Good	Good to Excellent	Translucent	55,000 CPS	2,540	556	84%	75
NEA 123K	Medium viscosity thixotropic paste for glob top assemblies, potting, filling or thick sections.	UV/HEAT	Excellent	Good	Good to Excellent	Translucent	100,000 CPS	20,800	1,200	35%	67
NEA 123T	High viscosity thixotropic paste for wire encapsulating, coil terminating, screw hole sealing and potting.	UV/HEAT	Excellent	Good	Good to Excellent	Translucent	300,000 CPS	13,900	1,515	104%	55
NEA 123HGA	Low outgassing adhesive for HGA assembly or wire tacking.	UV/HEAT	Excellent	Good	Good to Excellent	Translucent	200,000 CPS	321,000	3,790	25%	60
NEA 123SHGA	Low outgassing, medium viscosity adhesive for wire coating, wire tacking and coil terminating.	UV/HEAT	Excellent	Good	Good to Excellent	Translucent	55,000 CPS	N/A	N/A	N/A	80
NEA 123THGA	Low outgassing, very high viscosity adhesive for wire coating, wire tacking and coil terminating.	UV/HEAT	Excellent	Good	Good to Excellent	Translucent	465,000-515,000 CPS	321,000	3,790	25%	80
NEA 123TKHGA	Low outgassing, high viscosity adhesive for wire coating, wire tacking and coil terminating.	UV/HEAT	Excellent	Good	Good to Excellent	Translucent	400,000-450,000 CPS	321,000	3,790	25%	80
NCA 130	Electrically conductive adhesive for static dissipation.	UV/HEAT	Excellent	Good	Good to Excellent	Silver	10,000 CPS	N/A	N/A	N/A	15

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COLORED ADHESIVES:											
NEA 123BL	High viscosity thixotropic paste for wire tacking, chip bonding or tamperproofing.	UV/HEAT	Excellent	Good	Good to Excellent	Blue	200,000 CPS	50,000	3,000	60%	60
NEA 123SBL	Medium viscosity thixotropic paste for tacking, sealing, filling or bonding precision components or wires in place.	UV/HEAT	Excellent	Good	Good to Excellent	Blue	55,000 CPS	2,540	556	84%	75
NEA 123R	High viscosity thixotropic paste for tacking, sealing, filling or bonding precision components or wires in place.	UV/HEAT	Excellent	Good	Good to Excellent	Red	200,000 CPS	50,000	3,000	60%	60
NEA 123GN	High viscosity thixotropic paste for tamperproofing, encapsulating, strain relief and wire tacking.	UV/HEAT	Excellent	Good	Good to Excellent	Green	200,000 CPS	50,000	3,000	60%	60
NEA 123W	High viscosity thixotropic paste for tamperproofing, encapsulating, strain relief and wire tacking.	UV/HEAT	Excellent	Good	Good to Excellent	White	200,000 CPS	50,000	3,000	60%	60
NEA 155	Medium/high viscosity thixotropic paste for SMDs, printed circuit boards, ceramics, metal and many plastics.	HEAT	Excellent	Good	Good to Excellent	Red	150,000 CPS	N/A	N/A	N/A	90

N/A - Not Available