NEA Selector Guide

Type	Description	Cure	ADHESION TO:			TYPICAL PROPERTIES					
			Glass	Metal	Plastic	Color	Viscosity 25 Deg C cps	Modulus PSI	Tensile PSI	Elongation at Failure	Shore D Hardness
NEA 121	Adhesive for tacking, filling, sealing, conformal coating and tamper proofing precision components.	UV/HEAT	Excellent	Excellent	Fair	Clear	300	160,000	3,500	30%	85
NEA 121M	Adhesive for tacking, filling, sealing, conformal coating and tamper proofing precision components.	UV/HEAT	Excellent	Excellent	Fair	Clear	1500 - 2000	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	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	6,000	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	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	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	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	13,900	1,515	104%	55
NEA123HGA	Low outgassing adhesive for HGA assembly or wire tacking.	UV/HEAT	Excellent	Good	Good to Excellent	Translucent	200,000	321,000	3,790	25%	60
NEA123SHGA	Low outgassing, medium viscosity adhesive for wire coating, wire tacking and coil terminating.	UV/HEAT	Excellent	Good	Good to Excellent	Translucent	55,000	N/A	N/A	N/A	80
NCA 130	Electrically conductive adhesive for static dissipation.	UV/HEAT	Excellent	Good	Good to Excellent	Silver	10,000	N/A	N/A	N/A	15
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	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	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	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	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	N/A	N/A	N/A	90