

HYSOL[®] Electrical/Electronic Formulated Liquid Products: Room Temperature Cure Epoxies

System		Description	Typical Applications
Resin	Hardener		
RE2038	HYSOL [®] HD3404	A low viscosity, rigid casting system using a diluted base resin. EE4143 is the silica filled resin for improved thermal properties, lower shrinkage and lower coefficient of expansion.	General potting, solenoids, transformers (small), resistors, capacitors, modules
EE4143			
RE2039		An undiluted, 100% solids, rigid casting for optimum physical and electrical properties and chemical resistance. EE4183 is the silica filled resin for improved thermal properties, lower shrinkage and lower coefficient of expansion.	
EE4183			
RE2039	HYSOL [®] HD3561	An undiluted, low viscosity casting system that exhibits exceptional resistance to impact and thermal shock. Filled resin EE4183 provides improved thermal properties, lower shrinkage and lower coefficient of expansion. This system adheres extremely well to most surfaces.	Capacitors, clear castings, coils, modules, solid state relays
EE4183			
RE2038	HYSOL [®] HD3475	A medium viscosity diluted resin based system that offers easy mix ratio and reduced toxicity potential. Filled resin EE4143 provides improved thermal properties, lower shrinkage and lower coefficient of expansion.	General potting, higher viscosity than HD3404
EE4143			
RE2039	HYSOL [®] HD3719	An undiluted, semi-flexible casting compound with easy mixing ratio, long pot life and large mass casting capability. Flexibility may be increased by the addition of up to 50% more HD3719. EE4183 is the silica filled resin for improved thermal properties, lower shrinkage and lower coefficient expansion.	Resilient material for large castings, coils, modules, solid state relays
EE4183			
HYSOL [®] ES4212	HYSOL [®] ES4412	Extremely versatile black casting system with long pot life, low cost and low exotherm. Its 1-to-1 volume mix ratio and soft filler make it ideal for machine dispensing or hand mixing. ES4312 is a faster curing version of ES4212. ES4412 is a lower viscosity version of ES4312 for faster processing through dispensing equipment or easier flow in restricted packages. ES4512 is the UL 94 V-O version.	General potting, coils, modules, small transformers, capacitors
HYSOL [®] ES4312			
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NOTE: Before using these products, consult individual product bulletins and Material Safety Data Sheet for safety and handling information.

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