MicroCoat Anisotropic Thermoset Resin Systems

Product	Form	Application Method	Parts	Flexi-bility	Bond Strength	Chemical Resistance	Cure Temp (°C)	Max Operating Temp (°C)	Minimum Contact Spacing (in)	Filler	Comments
492-511	Liquid	SP, SD, ST	1	No	2100 psi	E	130	275	0.005	Silver	Good Bond Strength
434-021	Liquid	SP, SD, ST	1	No	2100 psi	E	130	275	0.003	Nickel	Lower Cost
402-121	Paste	SD	2	No	2000 psi	E	80	200	0.005	Silver	Lower Temp Curing
491-421	Paste	SD	2	No	1500 psi	E	25	175	0.005	Silver	Room Temp Curing
402-421	B-stageable	SP, SD, ST	1	Yes	1500 psi	G	150	200	0.005	Silver	High Temp Use
412-421	B-stageable	SP, SD, ST	1	Yes	1700 psi	G	135	225	0.005	Silver	Moderate Temp Use
4C22-421	Liquid	SP, SD, ST	1	Yes	1800 psi	G	80	200	0.005	Silver	Lower Temp Curing
4A/B22-421	Liquid	SP, SD, ST	2	Yes	1800 psi	G	80	200	0.005	Silver	Lower Temp Curing
432-121	B-stageable	SP, SD, ST	1	Yes	2000 psi	E	150	225	0.005	Silver	High Strength
442-121	Dry Film	TF	1	Yes	2000 psi	E	150	225	0.005	Silver	Film
482-111	Paste	SD	1	yes	5-7 pli	E	160	260	0.005	Silver	medium viscosity
451-801	Paste	SD	1	yes	5-7 pli	E	160	260	0.005	Silver	low viscosity
444-221	Liquid	SP	1	yes	4-6 pli	E	160	260	0.005	Silver	Screen printable
442-421	Paste	SD	1	Yes	3-4 pli	G	UV	140	0.005	Silver	UV Curing
463-711	Liquid	SP, SD, ST	1	Yes	3-4 pli	G	UV	120	0.003	Silver	UV Curing

Thermoplastic Resin Systems

Product	Form	Application Method	Parts	Flexi-bility	Bond Strength	Chemical Resistance	Cure Temp (°C)	Max Operating Temp (°C)	Minimum Contact Spacing (in)	Filler	Comments
432-421	Liquid	SP, SD, ST	1	Yes	3-4 pli	P	100	120	0.005	Silver	Soft enough to thermoform
492-111	Liquid	SP, SD, ST	1	yes	3-4 pli	F	120	140	0.005	Silver	Blend
450-211	Liquid	SP	1	yes	3-4 pli	F	175	140	0.005	Silver	Screen printable, Blend
450-111	Paste	SD	1	yes	3-4 pli	F	120	120	0.005	Silver	Soft Blend
412-111	Liquid	SP	1	yes	3-4 pli	F	140	120	0.005	Silver	Middle Blend
421-221	Liquid	SP	1	Yes	3-4 pli	F	120	120	0.005	Silver	Middle Blend

Application method Key: SP= screen print, SD= Syringe Dispense, ST= Stencil, TF=Transfer Film

Resistance to MEK: E=Excellent, G=Good, F-Fair, P=Poor

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