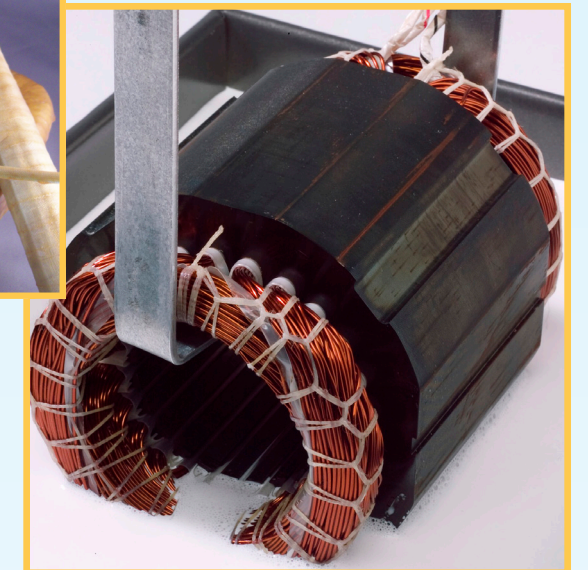


APPROXIMATE VISCOSITIES
OF COMMON MATERIALS

Material	Viscosity in Centipoise
Water	1 cps
Milk	3 cps
SAE 10 Motor Oil	85-140 cps
SAE 20 Motor Oil	140-420 cps
SAE 30 Motor Oil	420-650 cps
SAE 40 Motor Oil	650-900 cps
Castor Oil	1,000 cps
Karo Syrup	5,000 cps
Honey	10,000 cps
Chocolate Syrup	25,000 cps
Ketchup	50,000 cps
Mustard	70,000 cps
Sour Cream	100,000 cps
Peanut Butter	250,000 cps
Shortening	1,200,000 cps



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MOTOR INDUSTRY
PRODUCT HIGHLIGHTS
EPOXIES – URETHANES – UV CURE



MASKING COMPOUNDS

Product	Specific Gravity	Color	Application Notes
ReleasEze	0.91 g/cc	Green Natural	High temperature resistant grease designed to facilitate the easy removal of cured varnish from metal surfaces

VPI / DIP & BAKE

Product	Cure Method		Chemistry	Film Build	Viscosity	Application Notes
	Heat	Room Temp				
ER7159	•		Epoxy Emulsion	< 1 Mil	40 cps	Water Based Hermetic Varnish
ER7401	•		100% Solids Epoxy	3-4 Mils	5,000 cps	VPI Resin
ER7478	•		100% Solids Epoxy	2-3 Mils	5,000 cps	UL Rated VPI Resin

WET WINDING

Product	Cure Method		Cure Time @150°C	Tg (°C)	Viscosity	Application Notes
	Heat	Room Temp				
ER7300	•		4 Hours	157	480,000 cps	Brushable, no flow during cure
ER7320	•		16 Hours	162	40,000 cps	Brushable, no flow during cure
ER7415	•		8 Hours	160	21,000 cps	Brushable, minimal flow during cure

BALANCING COMPOUNDS

Product	Kits	Cure Method		Mix Ratio	Working Time	Specific Gravity	Application Notes
		Heat	Room Temp				
BC-22/BC-172*	2#, 15#, 130#	•		1:1 by Weight or Volume	2 Hours	2.50 g/cm ³	General purpose Color coded blue and yellow
BC-24/BC-174*	2#, 15#, 130#	•		1:1 by Weight or Volume	15 Minutes	2.50 g/cm ³	Cures overnight
BC-28/BC-178*	2#, 15#, 130#	•		1:1 by Weight or Volume	1 Hour	2.50 g/cm ³	Cures in 12 hours

*BALANCING COMPOUND WITH EXTENDED SHELF-LIFE

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TRICKLE COAT

Product	Kits	Cure Method		Mix Ratio	Pot Life / Gel Time	Viscosity	Application Notes
		Heat	Room Temp				
ST-36-2	100g, 1#, 2#		•	4:1 by Volume	30 Minutes	ST-36-2-10K: 10,000 cps ST-36-2-1K: 1,000 cps	General purpose
ER2112		•		One Part	150°C for 25 Minutes	15,000 cps	Excellent chemical resistant varnish

ADHESIVES

Product	Kits	Cure Method		Mix Ratio	Pot Life / Gel Time	Viscosity	Application Notes
		Heat	Room Temp				
ER1005	Mixpacks - Gal.		•	1:1 by Volume	5 Minutes	12,000 cps	General purpose adhesive
ER1020	Mixpacks - Gal.		•	1:1 by Volume	10 Minutes	6,000 cps	Toughened version of ER1005

BUTTER ON

Product	Kits	Cure Method		Mix Ratio	Pot Life / Gel Time	Viscosity	Application Notes
		Heat	Room Temp				
U-66-2	100g, 1#, 2#		•	100:17 by Weight	25 Minutes	33,000 cps	Brush on banding adhesive with excellent chemical resistance
ER4100	100g, 1#, 2#		•	100:8 by Weight	45 Minutes	Paste	Brush on banding adhesive with excellent chemical resistance
UR5228	100g, 1#, 2#		•	100:6 by Weight	45 Minutes	100,000 cps	Flexible buttering compound. Excellent abrasion/chemical resistance.

POTTING AND ENCAPSULATING

Product	Kits	Cure Method		Mix Ratio	Pot Life / Gel Time	Viscosity	Application Notes
		Heat	Room Temp				
FLEX-SEAL 150	100g, 1#, 2#		•	100:33 by Weight	25 Minutes	10,000 cps	Potting for submersible pump leads
ER3120	Custom sizes available		•	1:1 by Weight	18 Minutes	3,000 cps	Cable splicing and jacketing for high voltage cables
ER3260	Custom sizes available		•	1:1 by Weight	100 Minutes	11,000 cps	General purpose potting
FRE8580	Qt., Gal., 1#, 2#		•	1:1 by Volume	75 Minutes	14,000 cps	UL 1446 Temperature Rating Class F (155)
UR5320	1 Gal., 5 Gal.		•	100:25 by Weight	90 Minutes	500 cps	Electromagnets, Transformers

EPOXY REPAIR COMPOUNDS

Product	Kits	Cure Method		Mix Ratio	Pot Life / Gel Time	Viscosity	Application Notes
		Heat	Room Temp				
ER2140	1#, 2#		•	100:10 by Weight	30 Minutes	Paste	Abrasive resistant ceramic putty
ER2150	1#, 2#		•	100:6 by Weight	30 Minutes	Paste	Stainless steel putty for repairs
ER2160-2 ER2165-2	1#, 2#		•	100:14.5 by Weight	100 Minutes	Paste	Brushable abrasion resistant coating
ER2170	1#, 2#		•	100:20 by Weight	60 Minutes	Paste	Machinable silicon insulating putty