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Ink Comparison Chart

	GENERAL PURPOSE INKS		EPOXY INKS	
	C-100-1	OXY-INK	ONE-PART	TWO-PART
Colors:	Black, White & All Major Colors	Black, White & All Major Colors	Black, White & All Major Colors	Black, White & All Major Colors
Shelf Life:	Unlimited when stored in cool dry conditions.	Two years Refrigeration extends life Do NOT freeze	Six to twelve months Refrigeration extends life Do NOT freeze	One year Refrigeration extends life Do NOT freeze
Mixing:	No mixing required for all colors, except silver & gold.	No mixing required for all colors, except silver & gold.	Stirring in the container is recommended prior to application of ink to the machine.	1. <u>All colors except silver</u> : 2 parts resin to 1 part catalyst by weight. 2. <u>Silver</u> : 2.4 parts resin to one part catalyst by weight
Cure Cycle:	1. Cure at room temp. 2. Tack free in 1-2 hrs. 3. Able to handle in 6-8 hrs.	1. Cure at room temp. 2. Tack free in 1-2 hrs. 3. Able to handle in 6-8 hrs. Several days to fully cure. 4. Requires several days to fully cure.	Requires heat to cure. Bake at one of the following temperatures: 300°F (149°C): 30 mins 350°F (177°C): 6 mins	1. Cure at room temp. 2. Tack free in 1-2 hrs. 3. Able to handle in 6-8 hrs. 4. Solvent resistant in 4-7 days. 5. Force cure cycle: 250°F (121°C): 30 mins 300°F (149°C): 10 mins 350°F (177°C): 6 mins
Pot Life:	Unlimited when tack is maintained with suitable reducer.	May "skin over." Skin should be removed and discarded.	Unlimited	At normal room temp: 4-5 hrs after mixing. Higher room temps will shorten pot life.

Thinner:	C-100-1SDT thinner/reducer	Oxy-T4 or C-100-1SDT thinner/reducer	Special thinner/reducer: 1PE-T4	Special thinner/reducer: 2PE-T4
Cleaner:	1. 99% isopropyl alcohol 2. Acetone	1. 99% isopropyl alcohol 2. Acetone	1. 99% isopropyl alcohol 2. Acetone	1. 99% isopropyl alcohol 2. Acetone
MIL-STD:	N/A	Meets CID A-A-208b Type IV (Formerly TT-I –1795a)	Meets CID A-A-56032D Type I & II (Formerly MIL-I-43553 & appropriate test methods of MIL-STD-202e, 810c & 1285a)	Meets CID A-A-56032D Type I, Type II & Type III (Formerly MIL-I-43553b & appropriate test methods of MIL-STD-202e, 810c & 1285a)