

PC BOARD MAKING CHEMICALS, ACCESSORIES

NEGATIVE ACTING LIQUID PHOTO RESIST

A liquid, spray-on coating in its own spray bottle. When a coated board is exposed to UV light, it is then developed in the ER-8 liquid developer. A remaining etch resist will protect the copper from an etchant bath, thus producing your circuit. Negative acting. Coats approx. 1700 sq. inches. May be flow coated or brushed.

4 oz. Bottle (Includes Sprayer)-No. ER-71



NEGATIVE RESIST DEVELOPER



This developer will develop the ER-71 Negative Acting Resist; resist areas not hardened via UV light are dissolved away. UV hardened areas remain to resist the etchant.

16 oz. Can Developer-No. ER-8

PC BOARD ETCHING SOLUTION (LIQUID FERRIC CHLORIDE)

This Ferric Chloride is one of the most popular and safest etching materials for copper clad boards available. A quart of etching solution will etch approximately 960 square inches of PC board. Caution: use only with plastic or glass trays



12-2038 Quart (32 oz)

12-2039 Gallon (128 oz)

DRY CONCENTRATE ETCHANT (FERRIC CHLORIDE)

Ferric Chloride is the best choice for etching copper PC boards. Datak supplies FeCl in a dry, powder form and the user must add it to water to make the etching solutions. The 1/4 lb. package produces 1 pint which will etch approx. 200 sq. inches of standard copper board.



1/4 lb. FeCl etchant powder-No. ER-3
1 lb. FeCl etchant powder-No. ER-21
2 lb. FeCl etchant powder-No. ER-22

TINNIT™ TIN PLATE

Tinnit™ will plate a copper clad board with a bright tin plate approx. .0004" thick. Enhances solderability, resists oxidation. Also use on card edge contact fingers. Supplied as a dry concentrate; just add water. One pint plates up to 600 sq. inches of copper. May be used to plate some other metals such as brass, bronze, iron; anything more active than tin.

Plating is complete in about 10 minutes in a fresh solution. Tinnit™ is supplied as a dry mixture with indefinite shelf life. When mixed with water, the solution has approximately a 2 month life.

TINNIT 1 Pint Size - No. ER-18
TINNIT 1/2 Gallon Size - No. ER-181



POWER ETCH PUMP

The etch pump and distributor tubing may be used to accelerate etching and free you from some of the constant agitating of the etch solution. Bubbles provide both agitation and also some oxygen which enhances the process



Etch Pump Set - No. ER-12

TINNIT™ KIT

This handy kit contains package of No. ER-18 Tinnit (sufficient to make 1 pint and plating 600 sq. in. of copper), plastic tray (8" x 6" x 2"), 16 oz. plastic bottle for storing tinnit between uses and tool for handling P.C. board during tinning process.

No.12-800



DATAK SYSTEM INSTRUCTION MANUAL

A manual that gives detailed instructions for most of the Datak PC board making products including: NEG-FAST film, Negative Photo Resist, Presensitized PC Boards, Tinnit™ Tin Plating, Etching. A complete guide for PC board making via DATAK products.

No. 12-760A

