



PCB Imaging Materials



Technical Datasheet

Artwork Protection Film (APF)

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- **Description:** Emulsion Protection film for Silver halide Masters
 - Optically Clear Film, 100% U.V. transmission for Fine-line resolution.
 - High level anti-static properties and removes without leaving residue.
- **Benefits:**
 - Protects against scratches
 - Protects against chemical spills
 - Protects against abrasions/mishandling
 - Prevents phototool sticking
 - Easy registration
 - L.P.I. Contamination resistant
 - Resists Dry Film Chips
 - Improves productivity and yields
- **Dimensions:** *Custom sizes are available on request.*
 - Thickness: 1/4 mil and 1/8 mil (fine line resolution)
 - Length: 300-500ft
 - Standard Width: 18" & 24"



Processor "clean up" sheets

- **Description:** Unique, moisture activated cleaning formulation strips away the "scuzzies" from any size transport rollers in a single pass, without removing the rack and without the use of hazardous chemicals.
- **Processing:** Insert the sheet with the glossy side down to clean lower rollers. As the sheet exits the processor, turn the glossy side up.
- **Dimensions:** *Custom sizes are available on request.*

Diazo Phototool

- **Description:** Dupont Imagemaster Diazo PhotoTool produces high quality duplicates from silver halide originals for dry film photoresist and LPI exposures. Specifically designed and enhanced for PWB imaging, with excellent resistance to soldermask attack for longer phototool life.
- **Properties:**
 - Scratch and Chemical Resistant: IMD
 - Clear (No matte): PDP-7C
 - High matte: PDP-7M
- **Dimensions:** *Custom sizes are available on request.*
 - Gauge : 7 mil / 180micron ±4
 - Shelf Life : 12 months @ <70°F / 50% RH



UV Exposure Film

- **Description:**
 - UV Exposure Film allows air pockets to be quickly evacuated during vacuum draw-down
 - A special anti-static surface treatment minimizes static charges.
- **Dimensions:** *Custom sizes/tooling are available on request.*
 - Clear Mylar - Thickness: 4 and 7 mil
 - Embossed Mylar - Thickness: 4 mil (Colight Tooled)



Misc

- Diazo Touchup Pens
- Resist Touchup Pens
- Polyester Wipes
- Stouffer 21 Step Wedges
- Film Cleaner Spray
- Glass Cleaner
- Exposure Lamps

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