

## Presensitized Copper Clad Boards



### 600 Series



We offer 1/16", 1/32" and 1/64" FR4 laminate with 1 ounce copper per square foot. This flame retardant laminate is translucent in color and made of continuous woven glass cloth impregnated with epoxy resin. The copper on 1 ounce boards is 1.34mil thick (0.0341mm, 34.1 microns). The boards are made of FR4 which is a

flame retardant version of G-10 material.

Developed specifically for the circuit processing industries' requirements. Complies with UL #E214381 (select boards comply to UL #E213990). Provides ultraviolet blocking and fluorescence when using automated optical inspection (AOI).

Our presensitized boards provide high resolution and excellent fine line control. They are ideal for prototypes, small production runs, and student training.

Easy Cutting!! We also offer a large thin (12" x 18" x 1/32 inch) Cat #675 paper phenolic presensitized board, perfect for cutting into smaller boards with no special equipment - perfect for the classroom.

### Available Sizes

| Cat.No.                                 | Presensitized (metric) | (approx. in imperial) |
|-----------------------------------------|------------------------|-----------------------|
| <b>FR4 1/16" (1.6mm), single sided</b>  |                        |                       |
| 603                                     | 75 x 125 mm            | 3" x 5"               |
| 606                                     | 100 x 150 mm           | 4" x 6"               |
| 609                                     | 150 x 150 mm           | 6" x 6"               |
| 612                                     | 150 x 228 mm           | 6" x 9"               |
| 630                                     | 200 x 300 mm           | 8" x 12"              |
| <b>FR4 1/16" (1.6mm), double sided</b>  |                        |                       |
| 650                                     | 150 x 150mm            | 6" x 6"               |
| 660                                     | 150 x 230 mm           | 6" x 9"               |
| <b>FR4 1/32" (0.80mm), single sided</b> |                        |                       |
| 687                                     | 100 x 150 mm           | 4" x 6"               |
| 689                                     | 150 x 230 mm           | 6" x 9"               |
| <b>FR4 1/32" (0.80mm), double sided</b> |                        |                       |
| 690                                     | 150 x 230 mm           | 6" x 9"               |
| <b>FR4 1/64" (0.40mm), double sided</b> |                        |                       |

|                                                                                |              |           |
|--------------------------------------------------------------------------------|--------------|-----------|
| 698                                                                            | 152 x 228 mm | 6" x 9"   |
| <b>Paper Phenolic 1/32" (0.80mm), single sided</b>                             |              |           |
| 675                                                                            | 300 x 450 mm | 12" x 18" |
| <b>Paper Phenolic 1/32" (0.80mm), double sided</b> <b>&lt;DISCONTINUED&gt;</b> |              |           |
| 676                                                                            | 200 x 300 mm | 8" x 12"  |

# Prototyping : Copper Clad Boards

## Copper Clad Board

### Standard 500 SERIES



A 1/16", 1/32", 1/64" laminate with 1 ounce copper. This flame retardant laminate is made of continuous woven glass cloth impregnated with epoxy resin. Developed specifically for the circuit processing industries' requirements. Provides ultraviolet blocking and fluorescence when using automated optical inspection (AOI).

| Format                      | Cat. No. | Approximate Size           |
|-----------------------------|----------|----------------------------|
| Single sided 1/16" (1.60mm) | 503      | 3"x 5" (76mm x 127mm)      |
|                             | 506      | 4"x 6" (101mm x 152mm)     |
|                             | 509      | 6"x 6" (152mm x 152mm)     |
|                             | 512      | 6"x 9" (152mm x 228mm)     |
|                             | 515      | 8"x 10" (203mm x 254mm)    |
|                             | 521      | 12" x 12" (304mm x 304mm)  |
|                             | 575      | 24" x 36" (609mm x 914mm)  |
|                             | 580      | 36" x 48" (914mm x 1219mm) |
| Double sided 1/16" (1.60mm) | 550      | 6"x 6" (152mm x 152mm)     |
|                             | 555      | 12" x 12" (304mm x 304mm)  |
|                             | 576      | 24" x 36" (609mm x 914mm)  |
|                             | 585      | 36" x 48" (914mm x 1219mm) |
| Single sided 1/32" (0.80mm) | 586      | 4"x 6" (101mm x 152mm)     |
|                             | 588      | 6"x 9" (152mm x 228mm)     |
|                             | 590      | 12" x 12" (304mm x 304mm)  |
| Double sided 1/32" (0.80mm) | 587      | 4"x 6" (101mm x 152mm)     |
|                             | 589      | 6"x 9" (152mm x 228mm)     |
|                             | 591      | 12" x 12" (304mm x 304mm)  |
|                             | 596      | 36" x 48" (914mm x 1219mm) |
| Double sided 1/64" (0.40mm) | 598      | 6"x 9" (152mm x 228mm)     |

### Positive Presensitized 600 SERIES



Available in 1/16" (62 mil) and 1/32" (30 mil) laminate with 1 ounce copper. Provides high resolution and excellent fine line control. Ideal for prototypes, small production runs, student training.

| Format                      | Cat. No. | Approximate Size        |
|-----------------------------|----------|-------------------------|
| Single sided 1/16" (1.60mm) | 603      | 3"x 5" (75mm x 125mm)   |
|                             | 606      | 4"x 6" (100mm x 150mm)  |
|                             | 609      | 6"x 6" (150mm x 150mm)  |
|                             | 612      | 6"x 9" (150mm x 230mm)  |
|                             | 630      | 8"x 12" (200mm x 300mm) |
| Double sided 1/16" (1.60mm) | 650      | 6"x 6" (150mm x 150mm)  |
|                             | 660      | 6"x 9" (150mm x 230mm)  |
| Single sided 1/32" (0.80mm) | 687      | 4"x 6" (100mm x 150mm)  |
|                             | 689      | 6"x 9" (150mm x 230mm)  |
| Double sided 1/32" (0.80mm) | 690      | 6"x 9" (150mm x 230mm)  |
| Double sided 1/64" (0.40mm) | 698      | 6"x 9" (152mm x 228mm)  |

## Paper Phenolic Positive Presensitized CCB

### 1/32" laminate with one ounce copper

Easily cut this material into custom sizes.

Score on both sides with a utility knife and snap in half.

| Format                      | Cat. No. | Size                     |
|-----------------------------|----------|--------------------------|
| Single sided 1/32" (0.80mm) | 675      | 12"x 18" (300mm x 450mm) |
| Double sided 1/32" (0.80mm) | 676      | 8"x 12" (200mm x 300mm)  |