

Microtrak Resist Coated Laminates

Microtrak laminates were previously supplied by Instagraphics Products Ltd. The FR4 epoxy glass laminate is dip coated with a high resolution positive working Photoresist. The Photoresist contains a dye which gives a good contrast against the copper, allowing boards to be easily inspected at the developing stage. Panels are protected by a specially designed light-proof blue film which allows panels to be guillotined without the risk of fracturing the Photoresist.

Sizes Available:

510 x 1150mm	(20" x 45.2")
575 x 510mm	(22.6" x 20.1")
233.4" x 160mm	(9.2" x 6.3")
100 x 160mm	(3.9" x 6.3")
457 x 305mm	(18" x 12")
305 x 254mm	(12" x 10")
305 x 203mm	(12" x 8")
254 x 203mm	(10" x 8")

Specifications:

Thickness	1.6mm or 0.8mm
Copper foil	35 micron or 70 micron
Dissipation factor	35
Dielectric constant	5.4
Solderbath resistance (260°C)	20 secs
Resist thickness	5 microns
Spectral response	350-450nm
UV light energy required	approx. 50mJ/cm
Shelf life	1 year at 15-20°C
Developer	CPD5
Etchant	Ferric Chloride Pellets or liquid and Fine Etch Crystals