



# EuroVia 3

## RESIN BLOCKING FILM

### PRODUCT DESCRIPTION

EuroVia 3 is a conformable release film engineered to BLOCK resin flow during blind via and/or sub-composite lamination. EuroVia is designed to prevent acrylic or epoxy resin from rising through the barrel of the hole, onto the copper surface.

When the resin is contained to the barrel, the need for secondary processing or “planarizing” is eliminated. Removal of cured resin on the copper surface is an expensive and time-consuming process.

EuroVia is a conformable film with release surfaces on both sides.

### BENEFITS

- EuroVia will “contain” the resin in the barrel of the via.
- Can be used in conjunction with EuroPads to help equalize pressure.
- During the heating and pressure PCB lamination cycle, EuroVia will conform to the surface of the sub-composite and create a “dam” which in turn prevents the flow of unwanted acrylic or epoxy resin.
- EuroVia has no silicone.
- Can withstand MOT up to 210 °C (410 °F) for 90 minutes.

### MATERIAL PROPERTIES

Thickness	.003 inch (75 μm)
Temperature Resistance	210 °C (410 °F)
Duration	90 minutes
Elongation	250% MD
Density	1.25 g/cm <sup>2</sup>
Color	White
Size	Cut and tooled per customer specification

### STORAGE & HANDLING

Temperature	15 - 25 °C (59 - 77 °F)
Humidity	40 - 60%
Storage	Store in original packaging, in a cool and dry area.

### LAMINATION LAYUP EXAMPLE

