

## **NEWS RELEASE**

### **Dalau's new investment in high spec machine pays dividends**

Dalau, Europe's foremost leader in PTFE film and sheet – are reaping the rewards of recent capital investment in a 'tailor-made' film skiving machine, having secured a major contract for 0.025mm film for laminate circuit boards.

The film's 'ultra-thin' nature and physical properties, has meant reduced dimensional movement means that only single operation etching should be required for precision circuit etching as well as allowing positive dielectric constants has enabled it to be successfully used as part of Park/Nelco's design for 'next generation' critical microwave components and antennas for commercial and consumer applications.

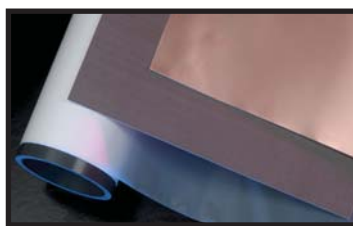
David Sage, Dalau, commented "That the introduction of the skiving machine has increased Dalau's film capabilities to being able to deliver ultra thin film in sheet widths of 1500mm within a class



10,000 clean room eliminating the problem of surface finish debris or dust particles, reducing the

problem of failed circuit boards during lamination. Overall, this has meant that we can meet the high technical specifications from customers for laminate circuit boards and other varied applications.

We are only one of a handful of companies that can match these ultra-fine film tolerances in such a width. For 25 micron (1mil) we can consistently achieve a tolerance of  $\pm 1.24$  microns ( $\pm .05$  mils). Most companies cannot manage these tolerances due to their machine's limitations. This obviously puts us in a very good trading position to meet the ever changing demands of our customers.



We have found that new customer applications are coming in regularly from a wide range of

industries including the electronics and semi conductor industries as we can meet their product demands whether for ultra thin film or sheet."

Jean François Le Rouzic, Neltec, confirmed, "As a leader in the substrate materials for microwave PCB's, our aim in producing 'next generation' technology applications such as the N9000 range has always been to achieve our commitment for 'perfect quality'. Working with Dalau has enabled us to meet these exacting demands whilst maintaining our commitment to our customers and improving the performance of our circuit boards".

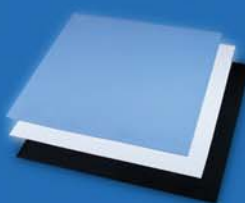
#### **Editor's notes:**

Founded as a family business in 1955, Dalau, has grown to become the largest polytetrafluoroethylene (PTFE) processor in the United Kingdom and now has subsidiaries in New Hampshire, USA and in Düsseldorf, Germany, exporting to 35 countries around the world.

Dalau specialises in producing high quality extruded rod, moulded rod and tube, skived films and sheets, and machined components, manufactured using only the finest quality virgin PTFE, and is one of the few companies who operate a fully computerised quality management system.

Today, Dalau's high quality products have been specified for some of the world's most prestigious projects being extensively used across a diverse range of industrial sectors. Dalau can be viewed on [www.dalau.com](http://www.dalau.com).

Park / Nelco is the largest independent producer of advanced printed circuit board substrate materials worldwide, including laminates and prepreps. Operates fully integrated manufacturing facilities in Asia, Europe, and North America under the "Nelco", "Neltec" and "FiberCote" names. Nelco can be viewed on [www.nelco.com](http://www.nelco.com).



### **Dalau UK**

Dalau Limited,  
Ford Road,  
Clacton on Sea,  
Essex CO15 3DZ  
Tel: +44 (0) 1255 220220  
Fax: +44 (0) 1255 221122

Email: [sales@dalau.com](mailto:sales@dalau.com)  
[www.dalau.com](http://www.dalau.com)