

February 2005

LAMAR

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NEWSLETTER

LAMAR The Distribution Partner for the Worlds Largest and Most Technically Advanced Laminate Manufacturers

Lamar have recently signed agreements with **Matsushita** and **Nelco** to distribute their range of copper-clad laminates in the UK and Ireland. These new agreements, along with existing ones with HP-Tec, GTS Flexibles and Gould now mean that Lamar can offer the widest range of materials and services for printed circuit manufacture of any UK supplier.

Matsushita, whose brand names include Panasonic were the Worlds largest manufacturer of copper clad laminates in 2004.



From 11 manufacturing sites World wide Matsushita's product offering includes FR4, halogen free FR4, laminates for lead-free processing, Megtron low Dk laminates, resin coated foil and adhesive-less flex.

Matsushita, laminate and pre-preg is available now from Lamar for next day delivery.



Nelco, who have 8 sites World wide are well known in the UK for their technically advanced laminates.

Nelco products range from FR4 to PTFE. FR4 laminates include N4000-6 high Tg, N4000-11 & 12 for lead-free processing, N4000-13 & 13SI high speed low loss laminates.

High performance materials include N5000 BT/Epoxy, N7000-94V0 polyimide. N9000 PTFE laminates are available with dielectric constants from 2.08 to 3.5

Nelco laminate and pre-preg will be in stock at Lamar by week 9

IMS LAMINATE FROM LAMAR.

Another recent addition to **Lamar's** product range is aluminium backed laminate manufactured by **Denka** This insulated metal substrate (IMS) consists of a thin thermally conductive dielectric with copper on one side and aluminium on the other. It is widely used in Europe for high power applications where high levels of heat need to be dissipated, these include LED lighting and automotive power steering.

FLEXIBLE LAMINATES

Lamar are also able to offer the range of **GTS** flexible laminates and coverlays in panel form.

GTS manufacture a wide range of flexible laminates including polyester, PEN and polyimide. The films are available with polyester, polyurethane, acrylic and epoxy adhesive. Copper cladding can be electrodeposited or rolled annealed. UL approved laminates are available.

Call now for a quote for your flexible panels.



INVESTOR IN PEOPLE

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LAMAR YOUR DISTRIBUTION PARTNER FOR THE FUTURE

With the changing needs of the printed circuit industry in the U.K. it is apparent that the materials supply chain will change.

The supply model for the future will be for the supplier to offer a range of products from different manufacturers and to operate as a distribution partner between material manufacturer and pcb manufacturer

