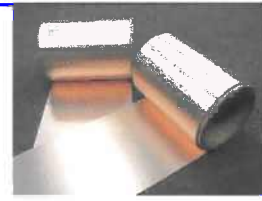


NEWSLETTER

LAMAR



ADHESIVELESS FLEXIBLE LAMINATES FROM PANASONIC

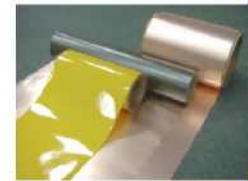


Panasonic is increasing the production of adhesiveless flexible copper-clad laminate. The newest factory in China has a capacity of 100,000 m² per month of laminate, and 320,000 m² per month of halogen-free coverlay, this compliments the 2 factories already producing adhesiveless flexible laminates in Japan.

The introduction of the halogen-free coverlay R-CAES means that it is possible to manufacture a complete flexi-rigid circuit board entirely from halogen free laminates.



Check out the Panasonic presentation at www.lamargroup.co.uk

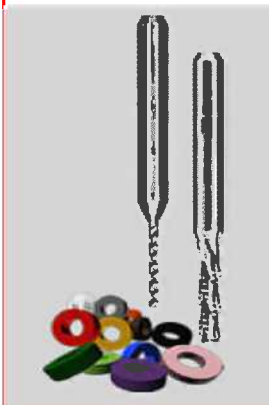


SAVE DRILLING COSTS BY INCREASING STACK HEIGHTS

The most efficient way of cost reduction in drilling is to increase stack heights. Hp-Tec has the solution with it's newly developed type 245 drill-bit, with a helix angle of 45°.

This angle gives the drill a greater stiffness and high resistance to breaking which means longer flute lengths can be used.

Increased flute lengths are available in the following sizes.



<u>Drill Size</u>	<u>Flute Length</u>
0.20mm	4.0mm
0.25mm	4.5mm
0.30mm	6.5mm
0.35mm	7.0mm
0.40mm	8.5mm
0.45mm	8.5mm
0.50mm	8.5mm



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