

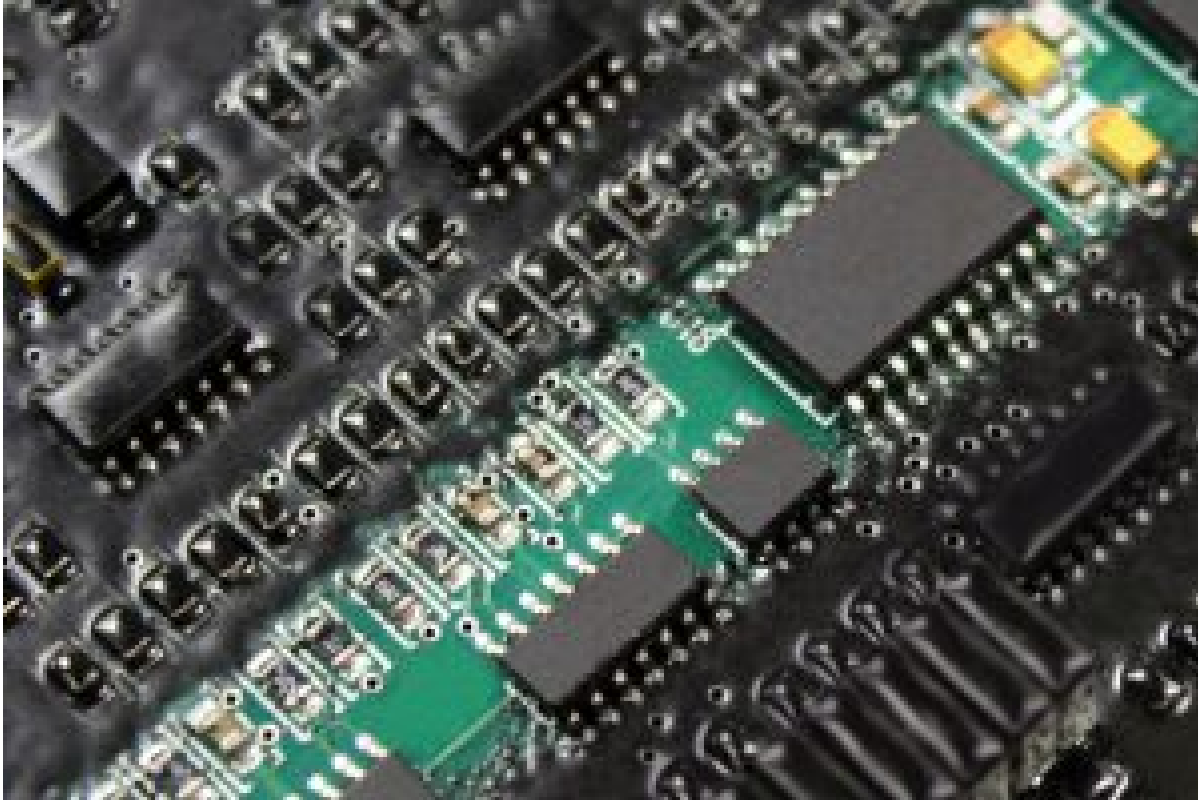
# Black conformal coating enhances pcb security

**Dymax Multi-Cure 9451 Black Conformal Coating** is a true black and opaque printed circuit board coating that enhances the security of electronic products by covering the pcb and components, hiding them from visual inspection. This is an effective barrier to loss of confidentiality and possible copying or reverse engineering of proprietary designs, in addition to the normal ability of a conformal coating to improve circuit reliability in harsh conditions.

**Dymax 9451** is a UV light cure coating suitable for most circuit assemblies. It may be applied manually or in automatic spray equipment, in a single pass of up to 0.125mm thickness. Coating which finds its way into shadowed areas is cured using a secondary heat process.

For thicker coating requirements the material can be applied in multiple passes. It becomes immediately tack free after light curing, helping to avoid handling defects such as fingerprints which may be left on boards if they are handled too soon and protecting against other damage caused by stacking and arranging pcb's during processing. **Dymax 9451** can be applied to a variety of substrates including glass reinforced epoxy laminates, glass and stainless steel with a good adhesion.

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Supplied by:

**intertronics**

INTERTRONICS

12a Station Field Industrial Estate, Banbury Road, Kidlington

Oxfordshire England OX5 1JD

t 01865 842842 e [info@intertronics.co.uk](mailto:info@intertronics.co.uk)

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