

LOW ENERGY LED CURE

CONFORMAL COATINGS

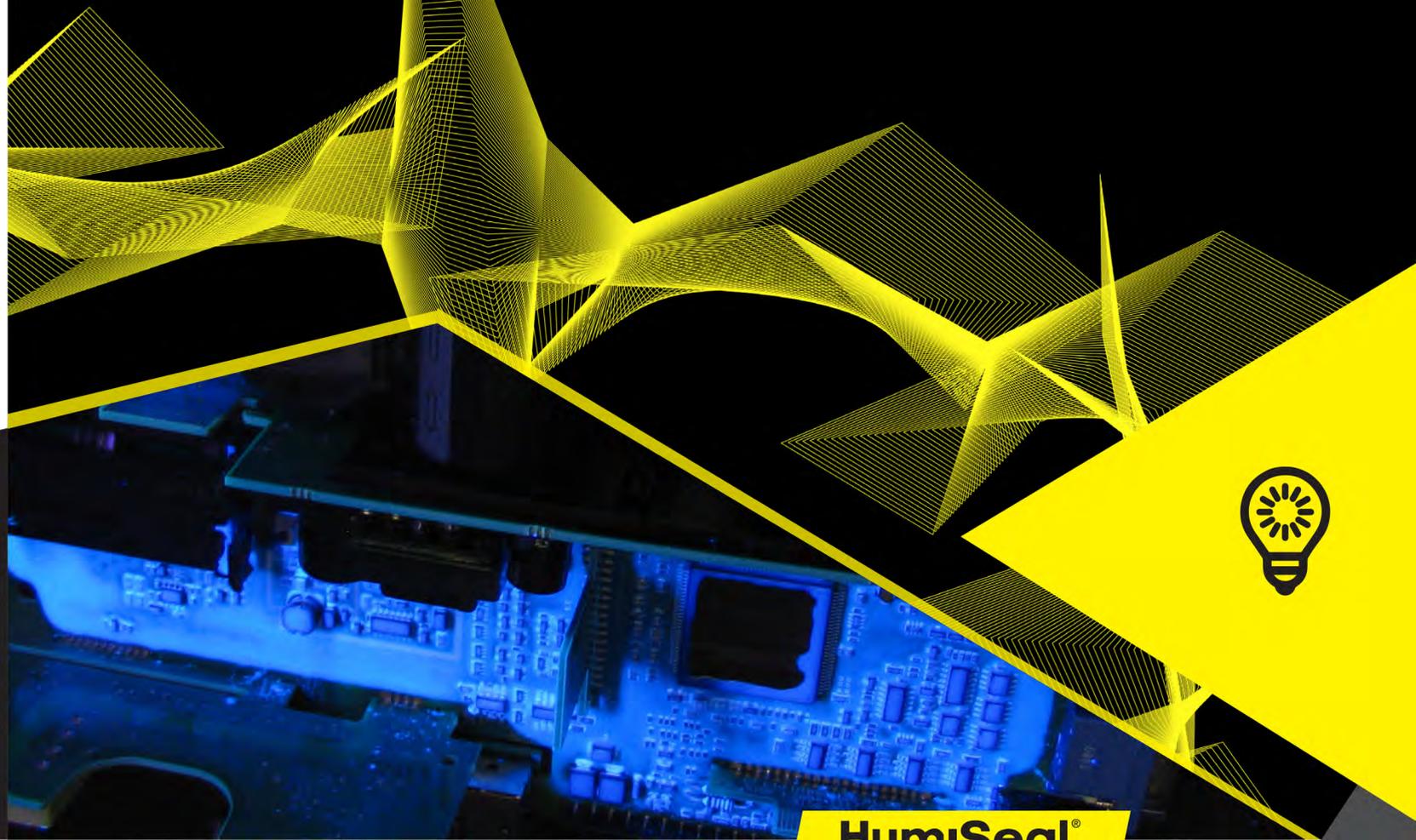
the latest addition to the popular HumiSeal UV range

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LED Cure

Reduced processing costs and suitable for tough physical and chemical conditions

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HumiSeal®

The latest LED curable UV coatings. UV300A series coatings are one-part, high solids, dual-cure acrylated polyurethane conformal coatings, possessing all the performance benefits of the original Humiseal UV coatings, but with the additional benefit of LED cure capability.

The coatings are tack free after LED UV cure and possess excellent electrical insulation properties as well as excellent resistance to chemicals and moisture. The coating is available in two variants:

UVA300

Suitable for use with swirl and spray type application systems

UVA300LV

A low viscosity variant that is suitable for use with film coater application

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Tack free after LED UV cure

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FEATURES & BENEFITS

FEATURE	BENEFIT
LED Cure	Lower running costs, less hazards
Dual-Cure	Shadow areas will secondary cure within 7 days under ambient conditions
High Chemical and Physical Resistance	Suitable for use in tough chemical and physical environments
High Flexibility	Improved adhesion and performance in thermal shock testing
Fluorescent under UV light	Easy Inspection and quality control
Compatible with No-Clean Process	Wide applicability with different solder pastes and board designs
Wide applicability	Wide compatibility with solder pastes, fluxes and board substrates

HumiSeal®

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What's inside the machine?



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Electronic Coatings
We make a material difference

Resin Designs®



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LOW ENERGY LED CURE

the latest addition to the
HumiSeal UV range