

Technical guide to light cure conformal coatings

We are delighted to offer a [*Technical Guide to Light-Cure Conformal Coatings*](#) for printed circuit boards, authored by Dymax. These coatings provide superior protective performance with the added benefit of UV/light cure for quick, convenient processing and cost saving.

The guide enables customers to better understand the production savings possible from light curing. It discusses the choice of coating, based on the end-use environment, industry and customer specifications, and printed circuit board topography and potential shadowed areas. It covers developments in the technology which eliminate historic problems of shadowed areas by incorporating a secondary cure using environmental moisture at ambient temperature, thus assuring a complete cure without further heat or light energy. This combination of light and moisture reactions may enable coating applications not presently considered for light cure materials, with the consequent cost and quality benefits.

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Guide to Light-Cure Conformal Coatings



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The guide covers an introduction to the technology with FAQs, and a review of the benefits of [light-cure conformal coatings](#). It then leads through selection criteria and process design, dispensing set up and curing, with information on inspection followed by rework and removal techniques with application notes for these coatings which are UL listed, IPCC-830 approved, MIL-I-46058C listed and ISO 10993 tested. The Guide to Light-Cure Conformal Coatings may be [downloaded from our Technology Guides webpage](#).

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