

METHODS OF APPLYING CONFORMAL COATINGS:

WHICH IS BEST FOR YOUR PROCESS?

There are multiple ways to apply conformal coatings to printed circuit boards. But not all of them are created equal. Use this special guide to determine the best method for your particular needs.



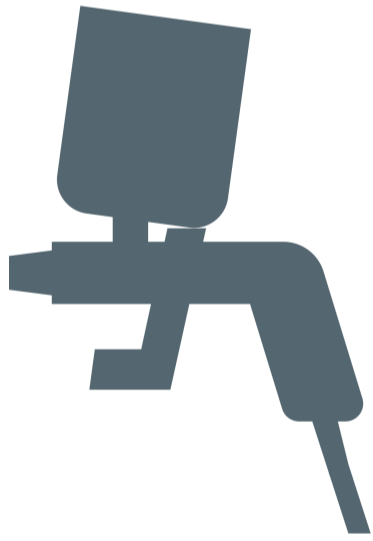
BRUSHING

- Best suited for short-run, prototype, and touch-up after repair/rework
- Also works for high-topography assemblies
- Low-cost initially, but difficult to achieve uniform coverage



CURTAIN COATING

- Material falls continuously as the board passes underneath on a conveyor
- Good for coverage on complex shapes and low-volume production
- Viscosity should be closely monitored



MANUAL SPRAYING

- Fastest method for applying conformal coatings
- Stable viscosity with reliable, consistent results
- Masking is required, but implementation costs are reasonable



AUTOMATED

- Designed for repeatability
- Suited for medium-volume applications
- Can be applied for in-line operations with curing



Dymax manufactures light-curable adhesives, coatings, and maskants, as well as compatible dispensing and curing equipment. We focus on creating solvent-free materials that cure clean, green, and fast, helping engineering teams accomplish more in less time and with less negative impact on the environment.

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