

METHODS OF APPLYING CONFORMAL COATINGS:

THE PROS & CONS OF AUTOMATED SPRAY DISPENSING

Automated Spray Dispensing is ideal for complete topside surface coverage. Thickness will be affected by the feed system, nozzle speed, temperature of the material, and atomization pressure.



PROS

- Repeatable process
- System is not complicated to program
- Can be applied to in-line operations with curing



CONS

- May require masking
- Material waste/loss
- Excess over-spray and harmful vapors must be contained or exhausted
- Longer cycle time
- Requires slightly more maintenance
- Difficult to coat under components



RECOMMENDED FOR

- Complete topside surface coverage
- Medium- to low-volume production
- Projects where repeatability is required



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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