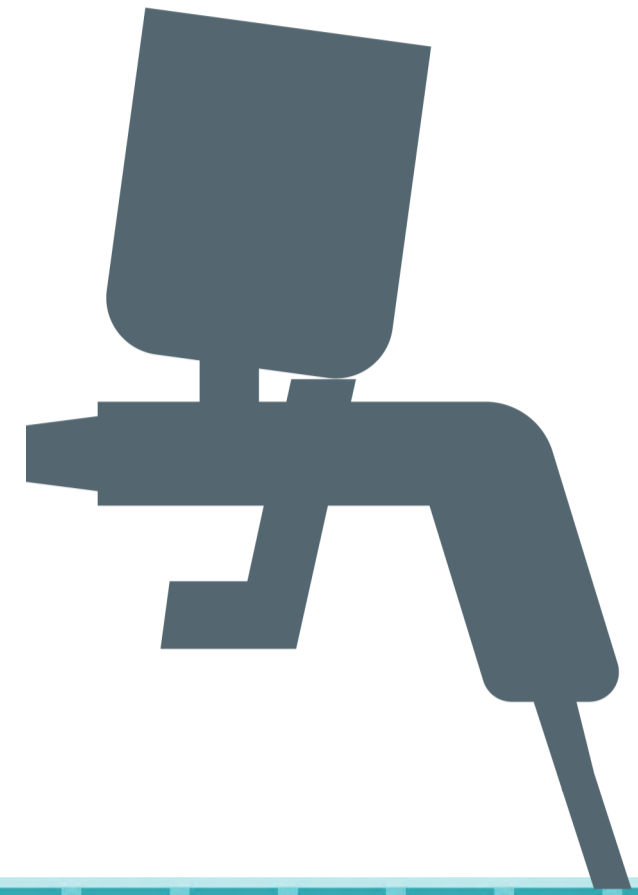


METHODS OF APPLYING CONFORMAL COATINGS:

# THE PROS & CONS OF MANUAL SPRAYING

The most popular and fastest method of applying conformal coatings. With the proper technique, this method can produce reliable and consistent results.



## PROS



- Simple system
- Material viscosity is very stable
- Reasonable cost
- Can provide better coating on high-topography assemblies
- Good for 3D assemblies (with proper training)
- Easy to move the nozzle back and forth for better coverage

## CONS



- Hard to control the material thickness
- Excess material is wasted or lost in the process
- May require multiple coating/curing cycles
- Masking is required
- Harmful vapors need to be contained
- Requires a disposable backing, which may cause foreign object debris or hazardous waste

## RECOMMENDED FOR



- Reworks
- High-topography assemblies
- Difficult 3D assemblies



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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