

Conformal Coating Process Decision Worksheet

The following questions are important factors to be considered when making conformal coating decisions.

1. Is there an over riding factor in the production process that would prevent outsourcing? (Most often a security factor, but could also be production timing issues)
2. Is the level of complexity for masking, coating, and inspection within your current capabilities?
3. What are the estimated annual costs to implement an in-house conformal coating capacity to meet current demands?
 - Factory floor space (price per square foot) - \$ _____
 - Energy requirements - \$ _____
 - Staffing (include payroll, health insurance, liability insurance, and payroll taxes)-
\$ _____
 - Training - \$ _____
 - Coating Equipment - \$ _____
 - Equipment Maintenance - \$ _____
 - Quality Assurance - \$ _____
 - Coating Inventory - \$ _____
 - Masking Materials - \$ _____
 - Hazardous Materials Training & Disposal - \$ _____

Total Cost to establish and maintain coating facilities - \$ _____

Estimated number of parts to be coated - _____

Estimated coating cost-per-part - \$ _____

4. Quoted cost per piece from outside coating service - \$ _____
5. **Cost difference between in-sourcing and out-sourcing** - \$ _____
6. Will there be on-going requirements to cover payback of initial setup costs and the on-going costs resulting from in-house capabilities?

Diamond-MT can assist you with your conformal coating process decisions and provide coating equipment, process development, and operator training.

Call us at **(814) 535-3505** to discuss your conformal coating options.

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