

## E-Run Questionnaire – Coating Process

Customer Name:

Address:

Shipping Address:

Primary Contact:

Name:

Title:

Phone:

Mobile Phone:

Email:

Please indicate Industry:

- |                                      |   |
|--------------------------------------|---|
| <input type="checkbox"/> Defense     | <input type="checkbox"/> Medical              |
| <input type="checkbox"/> Electronics | <input type="checkbox"/> Automotive           |
| <input type="checkbox"/> LED         | <input type="checkbox"/> Aviation / Aerospace |
| <input type="checkbox"/> MEMS/Sensor | <input type="checkbox"/> Other: _____         |

Please indicate:

E-Run Trial:       Production:

E-Run Charge (to be determined):

Credit Card Payment? :

Establish Credit Account? :

Is a particular coating chemistry written into the spec?

Parts to Coat:

1. Substrate composition (PCB, Stainless, Elastomer, etc)
2. Volume – Quantity for trial coating
3. Size and dimensions (pics or drawing available?)
4. Masking – Yes / No, Complexity (Low, Med, High)
5. Reason for coating (moisture, chemical, di-electric, other)
6. ESD sensitive?
7. Highest temperature part will be exposed to?
8. UV exposure: Yes \_\_\_\_\_ No \_\_\_\_\_
9. 1<sup>st</sup> experience with coating?
10. Specify other materials tried?
11. Other providers?
12. Estimated annual volume
13. Estimated batch size per shipment
14. Frequency of shipments

**Coating Process:**

Which chemistry is called for? (parylene, fluoropolmer, other chemistry)

Recommended film thickness:

Other considerations:

**Prep & Promotion:**

Specified cleaning instructions: (IPA bath, alcohol wipe, detergent wash, ultrasonic cleaner, dry cloth, plasma, other)

Drying instructions: (air dry only, convection oven, vacuum oven, other)

Maximum temperature for drying process?

If plasma cleaning is indicated or recommended (any restrictions on temperature and duration?)

Silane bath? Yes or No

Other:

**Critical Coating area?** (Total coat, Masking Required)

**Critical Masking points?** (How many? Front and back?)

**Acceptable fixturing points:**

**Film tolerance limits** (+ / - \_\_\_\_\_%)

**Other Requirements:**

Film thickness confirmation required? Yes                      No

Witness strip to accompany shipment? Yes                      No

Certificate of Compliance?                      Yes                      No

Specialized packaging or shipping instructions (please indicate in detail)

Special packaging material provided? Yes                      No

What are the qualification procedures? (How will coated parts be tested?)