

Table 1: Quality Gates

Item	Test	Criteria
1	Receiving Inspection of the Sensor and circuit verification	Dimensions
2	Resin	Chemical analysis
3	Visual Insp. of the Sensor prior to folding	Damage & contamination
4	VI Sensor after folding	Proper folding
5	Electrical verification of sensor after folding	Sensor circuits
6	Electrical verification after sensor cure	Current circuits
7	PU Material Properties	Stoichiometry & cure
8	VI after PU dispense	Physical appearance
9	Electrical verification after resin	Sensor circuits
10	VI after Crypto to PCI merge	Solder defects
11	PCI compliance	Thickness gage
12	Burn-in	Functional Test

SUMMARY

The combination of a sensor mesh and monitoring circuitry provides an environment that protects sensitive data from cyber theft. It is manufactureable and reliable both in preventing undesired access and its longevity in the field.

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