

## **INNOVATIVE MULTILAYER BONDING SOLUTION FOR REFLOW CATHETER LAMINATION**

### **THE CHALLENGE:**

Multilayer catheter designs require strong layer bonding for optimal performance.

### **THE PROBLEM:**

Layer delamination, a defect in which catheter layers separate, is costly if discovered during catheter assembly and may be more serious if experienced in the cath lab.

Nonstick PTFE, often used for low-friction liners, is notoriously difficult to bond even when chemically treated.

### **THE SOLUTION:**

Microcatheter Components' thin **GRIPLOCK™** bonding layers grip tightly, securely locking multiple catheter layers together:

- **GRIPLOCK™**-lined shaft material bonds with inner slip layers.
- **GRIPLOCK™**-coated shaft material bonds with outer layers.
- **GRIPLOCK™** bonds with both inner and outer shaft layers for special catheter applications.

**GRIPLOCK™** layers can be extruded in a wide range of polymers, including nylons, nylon copolymers, thermoplastic polyurethanes, and thermoplastic elastomers.

Please contact us for more about **GRIPLOCK™** layer solutions for your catheter applications.

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Microcatheter Components delivers world-class, precision microcatheter extrusions to the medical device industry.

Niche markets include balloon tubing and innovative, tight-tolerance single-lumen tubing. Quality is our mantra, and we listen to understand value from your perspective.

Microcatheter Components is ISO 13485:2016-certified.