



BRYTON TECHNOLOGY, INC.

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OVERMOLDING FACT SHEET

- MATERIALS:** BTI uses two-part polyurethane in accordance with MIL-M-24041-C for most applications. Other materials are available.
- EQUIPMENT:** Two Ashby Cross Mixing-Metering-Dispensing Systems.
Two BTI designed Heat Curing Rooms with closely controlled temperature and humidity conditions.
- PERSONNEL:** Specifically trained and certified technicians who are molding specialists.
- MANUFACTURING:** Per detailed, proprietary, molding procedures approved by major prime contractors.
- QUALITY:** Rigorous inspection and test procedures conducted 100% on Over-molded cable harnesses. Quality system per **ISO 9001:2000** and **AS9100 Certification is pending.**
- ADVANTAGES:**
1. Over-molding provides superior sealing and strain relief against destructive environments, and high resistance to most fluids.
 2. Wire and contacts at the back end of connectors are completely encapsulated and held in place by the molding material to provide improved resistance to shock and vibrations.
 3. Typical temperature range is from -55 to +120 Degrees C.
 4. Provides lower cost than shrinkable boots and EMI/ RFI backshells.