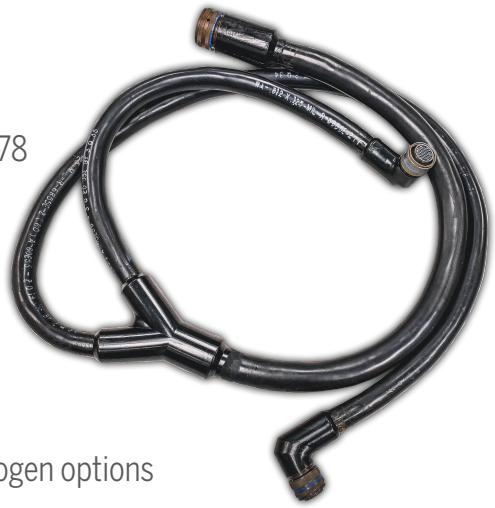
Overmolding Capabilities

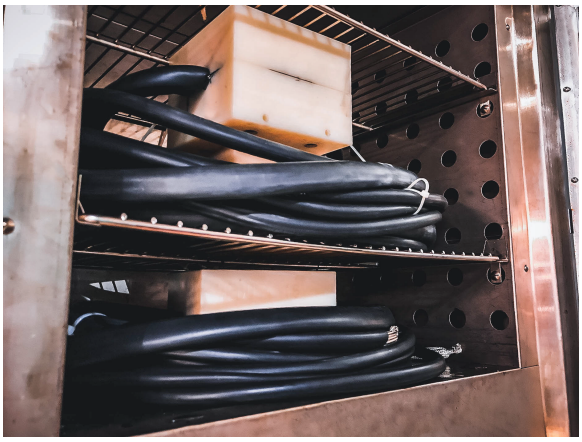
CDM ELECTRONICS®
BEYOND THE CONNECTION®

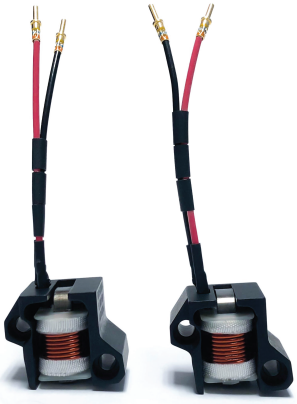
The overmolding process is a vital part of CDM's suite of value-added capabilities. Overmolding provides a solid, seamless seal to protect against liquids, dust, heat and impact. CDM's 100% in-house program has capabilities for both pour and injection molding processes.

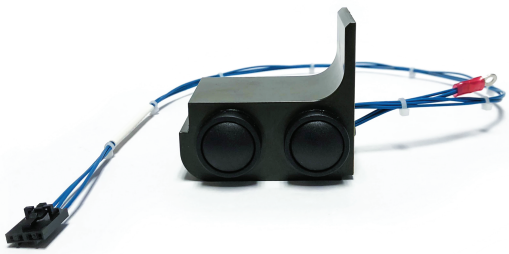
Overmolding Materials

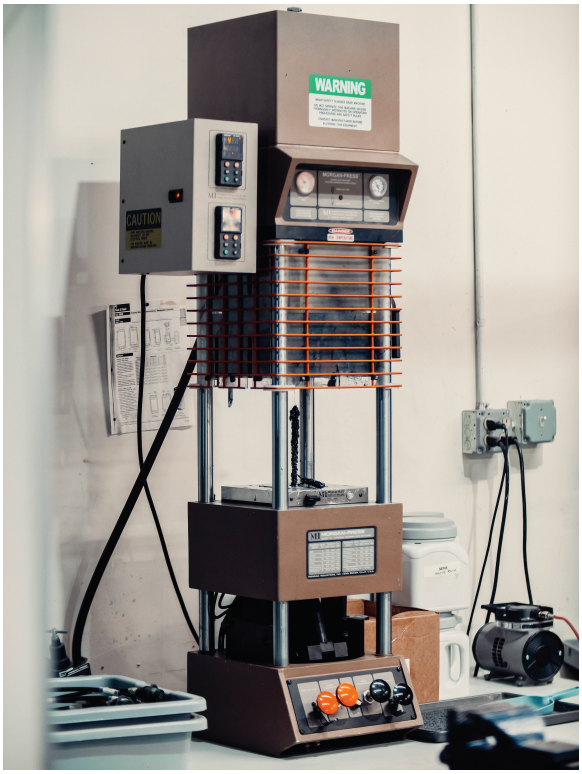
- MIL-M-24041
- ESTANE® 58244
- ESTANE® 58277
- TECHNOMELT®-PA-678
- Polypropylene
- Polyethylene
- TPU's
- TPE's
- Santoprene™
- Low smoke/zero-Halogen options
- Full rubber overmolding











Onsite Morgan Press Model G-125T

- 7.5 cu. in. (5oz.) max. single shot
- 20/40 ton max. clamping force (toggle)
- 28.56K psi max. injection pressure

100% US Operations

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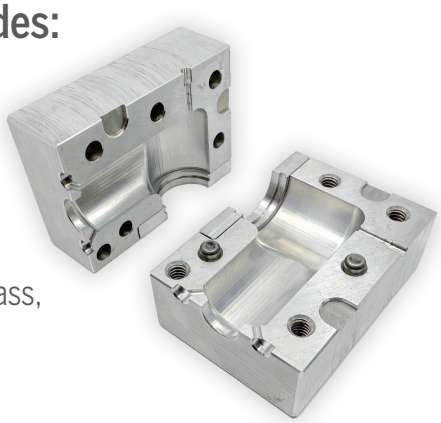
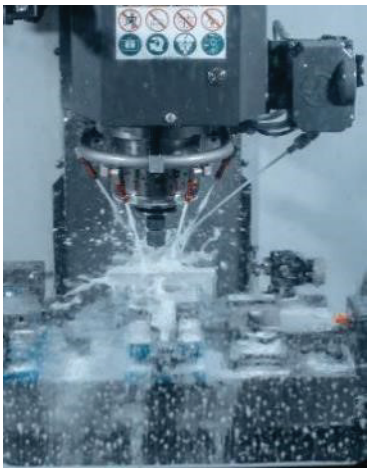
CDM's 4000-square-foot Turnersville, NJ, machine shop is dedicated full-time to supporting the overmolding program by providing molds and specialty components to make the entire process seamless to customers.

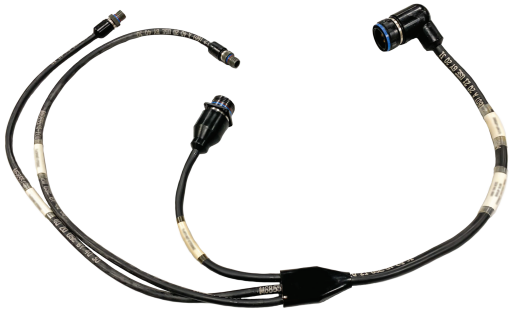
CDM's machine shop support includes:

- 3, 4 and 5 Axis automated CNC milling
- Automated CNC turning
- Drill/punch press
- Materials machined include aluminum, brass, copper, hardened steel, Inconel, plastics, stainless steel, titanium
- Preparing molds utilizing the latest software from AutoCAD, CAMWorks, ImageView and Adobe





Overmolding	Shrink Boots
Provides a complete, seamless seal at the cable/connector junction	Moisture and dust resistant, but not a true seal between the cable and connector
Provides an effective strain relief	Shouldn't be used as a strain relief
Unlimited size, shape and color availability	Off-the-shelf sizes and shapes only, no color options
Overmold material used is specific to application	Very limited choice of materials
Can be customized with raised lettering, logo or other identifiers	Not customizable
American made in-house at Turnersville, NJ under 100% quality control	Mass produced and imported



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