



CABLES | ASSEMBLIES | COIL CORDS

C&M Corporation



Delighting Customers – Inspiring People – Delivering Results – Connecting the World.



C&M Mission Statement

To be our customer's first choice for innovative solutions, services, and products that ensures their success.



Products and Capabilities

- Bulk Wire and Cable
- Molded Cable Assemblies
- Mechanical Cable Assemblies
- Coil Cords
- Cable Harnesses
- Mold Tooling



C&M Facilities

C&M - Wauregan, CT



- Corporate headquarters
- 250,000 square foot manufacturing facility with 200 employees
- Center for bulk cable manufacturing to include extrusion, cabling, shielding, and jacketing.
- Fully functional in house mold tooling facility
- Product families include bulk cable, coil cords, and assemblies, both molded and mechanical.
- ISO, UL, and CSA approved

C&M de Mexico



- Owned and operated by C&M. Located in Guaymas, Empalme, Sonora
- A Maquiladora – part of the Offshore Group
- 18,000 square foot facility with 100 employees
- Products include coil cords and assemblies, both molded and mechanical
- LEAN manufacturing focus
- ISO and UL approved facility

C&M - Dong Guang, China



- A 15 year partnership with C&M
- 100,000 square foot facility with 400 employees
- Products include coil cords and cable assemblies, both molded and mechanical
- All products designed, documented, approved, and administered by C&M US.
- UL and ISO approved facility



Capabilities

Conductors

(4/0 through 30 AWG)

Shields

Braid, Spiral

28 through 44 AWG

Aluminum/Mylar Tape

Thermoplastics

PVC/ Polyethylene (solid and foam)

Polypropylene (solid and foam)

Nylon/ Hytrel/ TPR & TPE/ Polyurethane

Low Smoke/Zero Halogen Compounds

Fluoropolymers

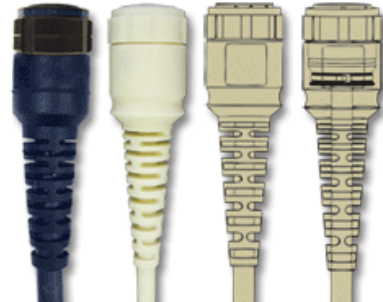
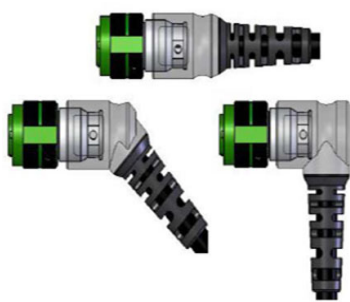
FEP®: solid and foam

Tefzel®/ Halar®/ Kynar®/ PFA



Interconnect Technologies

- Design and production of very high flex strain reliefs
- Design and production of plastic boxes with passive circuit boards
- Hot melt molding process for molding directly over sensitive components
- CAD design capabilities with ProE and SDRG design platforms
- Termination capabilities for all connector types from modular plugs to industrial duty circular connectors.
- Bulk cable or coil cord assemblies
- Molded or mechanical options





Molding & Tooling

Diverse Processes to Fit Customer Requirements

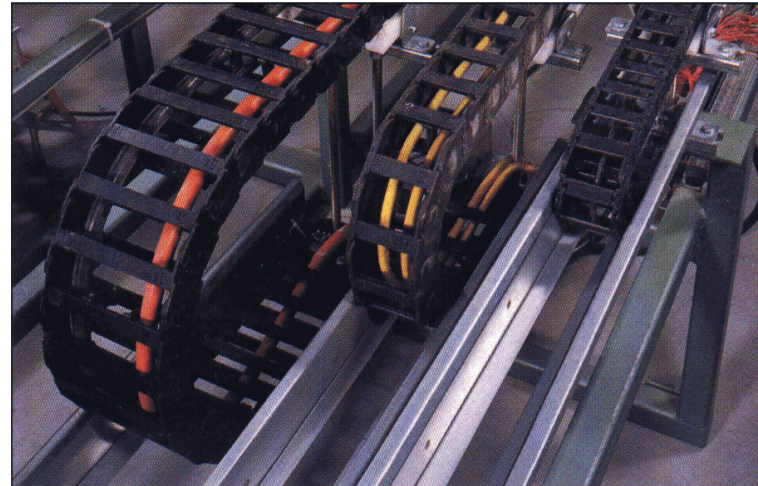
- Hot melt technology conducive to PCB encapsulation, environmental proofing, increased structural integrity and protection of terminations
- Thermoplastic molding for environmental proofing, increased structural integrity, protection of terminations
- Silicone molding (LSR) for autoclaved, chemical resistance, wear & abrasion tolerant and/or extreme temperature requirements
- Functional strain reliefs that reduce flex related failure points and ensure product reliability even in the most difficult applications





Product Testing and Failure Analysis

- Cross section analysis
- Peel and pull testing
- Electrical testing
- Signal integrity testing
- Flex and durability testing
- C-Track Testing
- X-Ray
- Digital imaging capabilities
- Flex Testing
- Torsional Testing
- Custom test protocols





Regulatory, Environmental, Health, and Safety

- UL & CSA (CL2, FT4, FT6, CMG Harmonized)
- CE
- ETL
- IEC
- IMDS
- MSHA
- ITC
- REACH
- RoHS
- Bill of Substance



The C&M Advantage

- Integrated form – cable, coil cords, assemblies, and mold tooling all designed and produced in house.
- International manufacturing locations
- Reliable, cost effective design strategies around your particular application
- Engineering support from cradle to grave
- “Fast Track” prototype services
- Kan Ban, consignment, and other inventory programs available to support your business model
- Outstanding customer service to include world class lead-times for new order requirements.



CABLES | ASSEMBLIES | COIL CORDS

Contact Information

**Contact C&M for solutions to your
cable or assembly challenges**

C&M Corporation
51 South Walnut Street
P.O. Box 348
Wauregan, CT 06387-0348

Phone: 860 774 4812

Fax: 860 774 7330

www.cmccorporation.com



Delighting Customers – Inspiring People – Delivering Results – Connecting the World.