



ThermalGuard™

C&M Corporation introduces ThermalGuard™, a revolutionary thermoplastic compound insulation designed for use in a wide range of high temperature applications.

- Engineered with superior performance at both high and low temperatures. (150°C to -40°C)
- Oil and chemical resistant
- Excellent sunlight resistant properties
- Excellent abrasion and cut through resistance
- UL Tray and PLTC rated to 150°C *
- Zero Halogen
- Excellent weld slag resistance
- Cost competitive
- Available for use in custom applications
- Available as part of turn key assembly products

** Approvals pending*

Obsessed with cable solutions.



Performance Advantages of ThermalGuard™ Compared to More Established Materials

	ThermalGuard™	FEP	XLPE	XLPE NHFR	Rubber (CPE)	Duralon™	PUR
Durometer	95 A	95 A	90-95 A	90-95 A	65-90 A	70 A	85 A
High Temp	150C	200°C	125°C	125°C	150°C	105°C	90°C
Low Temp	-40°C	>-40°C	-40°C	-20°C	-35°C	-30°C	-40°C
Smoke	Low	Low	High	Moderate	High	Moderate	Low
Zero Halogen	Yes	No	No	Yes	No	No	Yes
Oil Resistance	Excellent	Excellent	Fair	Fair	Excellent	Excellent	Good
Chemical Resistance	Excellent	Excellent	Good	Good	Excellent	Good	Good
Flame Resistance	Good	Excellent	Excellent	Excellent	Good	Good	Good

CABLES | ASSEMBLIES | COIL CORDS

C&M has global manufacturing capabilities, with facilities in the United States, Asia and Mexico. We offer the most cost-effective solution along with rapid delivery and the convenience of dealing with a single source. C&M employs the most current processes for lean manufacturing and cycle time reduction to deliver superior cost-competitive products faster than anyone else in the industry.

For solutions to your cable challenges, contact us today at: 860 774 4812.

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