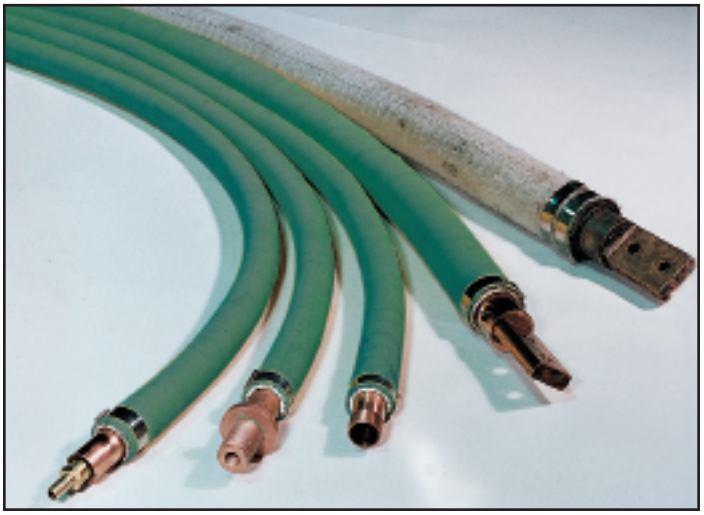
HOTLINE

EMSCO INC.
An Inductotherm Group Company

Water-Cooled Power Leads



Attention to detail in assembly and material selection insures maximum flow for power Leads

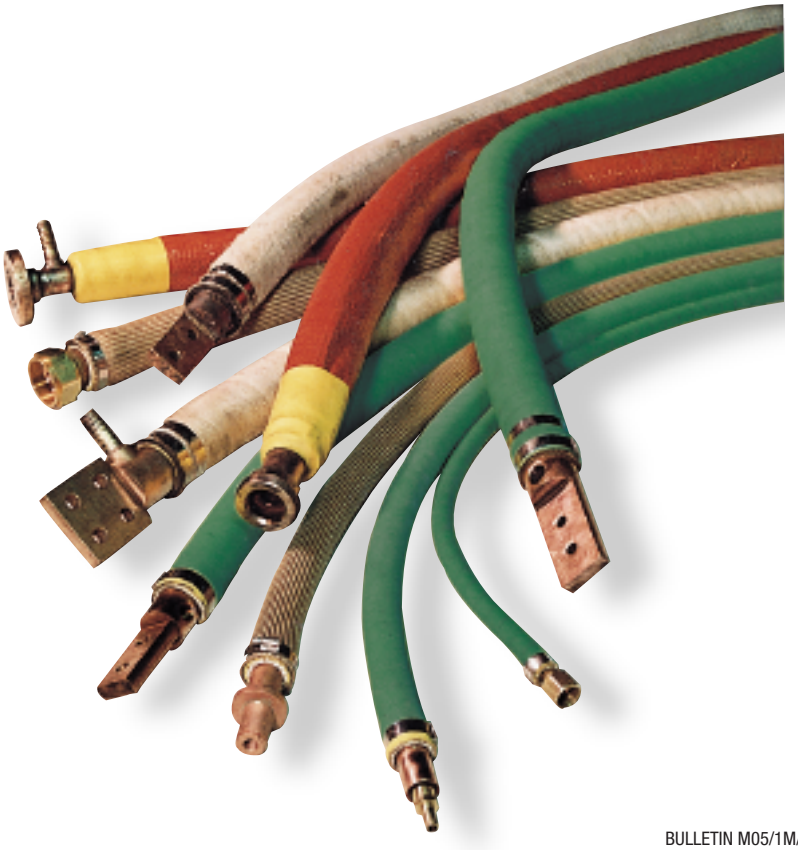
More than 90% of the problems with melt systems involve water. Most of this boils down to overheated coils, due to restricted water flow in the power leads. **EMSCO** has in-house capabilities to make, rebuild or recover all makes and types, as well as to customize a cable for a specific need or application.

High Performance

High performance demands that a water-cooled lead have good electrical efficiency and a rugged, durable hose. Copper—rated at 101% electrical conductivity by the IACS and soldered to the terminal to insure optimum contact and conductivity—is used.

This cable is covered with a non-conductive hose constructed of a nitrile tube, multi-ply reinforced center and a neoprene cover, with a 1000-psi minimum burst pressure and a continuous operating pressure of 250 psi.

Flange-type terminals are resurfaced and silverplated for optimum contact and electrical conductivity.



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The Emsco Power Lead

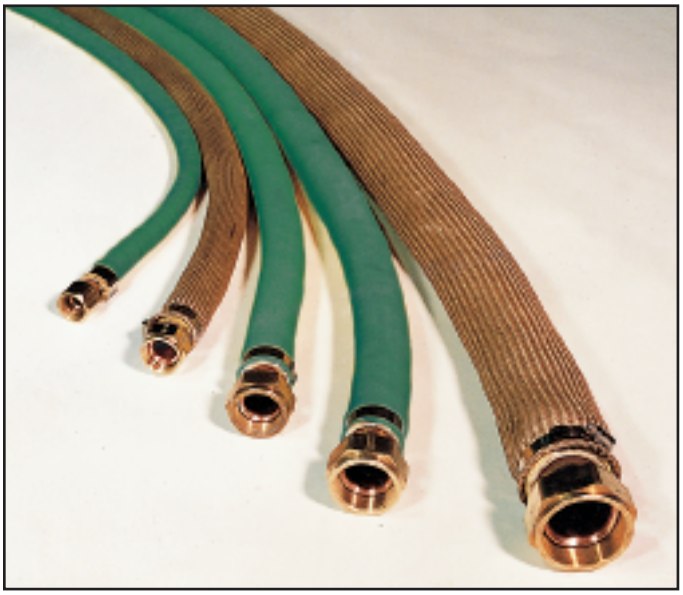
High Flow

A custom designed, high tonnage press used in conjunction with special hardened custom dies produces openings that provide maximum water flow consistently through every terminal manufactured. The heavy gauge, strong yet flexible, copper cable resists breaking and bird's nesting that can restrict flow. Also, the multi-ply reinforcement of the hose is flexible, yet resists collapse or kinking. The cable is helixed around a spiral center to maintain maximum and consistent water flow for flange-type cables and the newer designs incorporating internal core springs or hoses.

Low Maintenance

For terminals requiring a standard 37° flare, **EMSCO** uses a hydraulically powered production tool. This power flarer produces a precise and consistent flare on each terminal to assure a watertight connection. Each hose is secured with pneumatically applied stainless steel clamps, utilizing the most technologically advanced tooling available on the market. This equipment assures consistent clamping pressure at each application. This results in leak-proof joints.

The rugged construction of the hose provides excellent resistance to abrasion and will not be damaged if continuously subjected to 200°F temperatures. The combination of high-performance, high-quality materials and state-of-the-art equipment results in an efficient, low maintenance and long lasting product.



EMSCO is ready when you need us...every day.

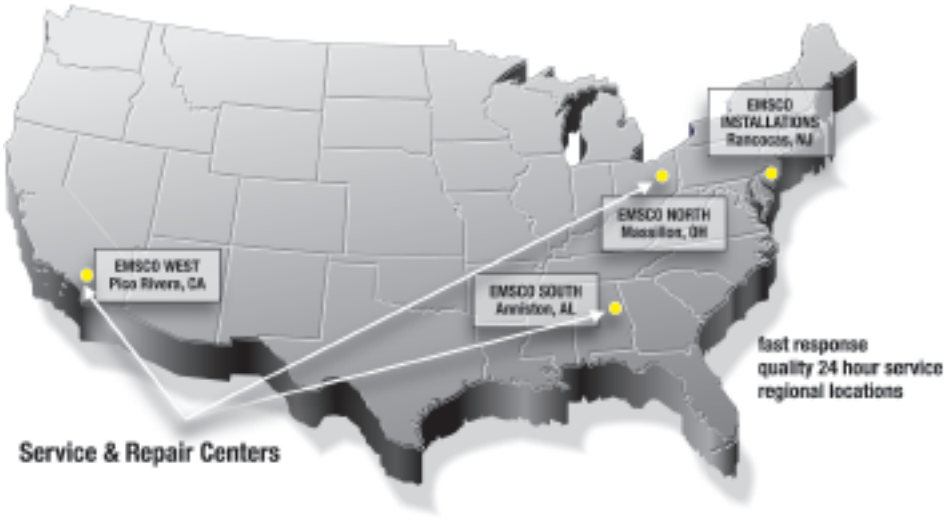
EMSCO's Commitment to you

KNOWLEDGE: EMSCO will begin each project with a customer-focused understanding of the problem to be solved and a soundly engineered approach to the solution.

COST: EMSCO will, when possible, offer more than one level of service and will explain the costs and compromises associated with each. Every option we propose will meet industry standards for safety.

QUALITY: EMSCO will understand and meet the quality expectations agreed to at the start of the project. Warranties will be explained and will set the standard for the industry.

OUR GOAL: EMSCO will provide quality services at reasonable prices so that our customers have the competitive edge in their markets.



NATIONWIDE TOLL-FREE NUMBERS
Repair Centers - 877.77.EMSCO (773.6726) | Installations - 800.858.7030

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