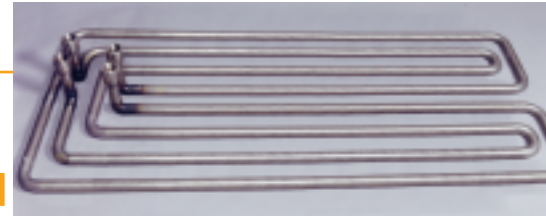




*Berry Metal Company's partnership with Falcon Foundry brings to steelmaking customers advanced equipment that is easily interfaced to the steelmaking process, improves efficiency, is simple to install and dramatically reduces costly downtime.*

# UltraLife™

Copper Casting Technology



The UltraLife™ Panel features a unique patented copper alloy pipe coil assembly engineered inside a Falcon copper casting.



- The metallurgical bond created between the coil assembly and the copper casting results in superior heat transfer.
- The UltraLife™ Castings have been extremely successful in the non-ferrous smelting industry.
- One-piece or multi-piece casting designs are available.
- The UltraLife™ Casting is custom-designed and engineered to meet your furnace needs.
  - Specially-designed water passages are calculated to allow for efficient cooling, with minimum pressure drop due to the smooth inside surfaces, resulting in minimal wear.
- The UltraLife™ Casting is constructed of high conductivity/high purity copper.
- The UltraLife™ Casting features specially-designed hot face pockets for optimal slag retention and is designed with steel attachments to permit direct welding to the furnace for electric furnace panel applications.
- The UltraLife™ Casting features single- or double-compartment water passages with separate water feeds.
- Falcon brings 50 years of non-ferrous casting experience to the metals industry.

For more information on this and other technological innovations made available through our partnering agreements, contact Berry Metal Company at 724-452-8040 or [www.berrymetal.com](http://www.berrymetal.com) or Falcon Foundry at 330-536-6221 or [www.falconfoundry.com](http://www.falconfoundry.com).

