

WELD METAL

thermOweld® weld metal is the most reliable and consistently-performing weld metal available worldwide. Our continuous-improvement manufacturing process is supplemented with multiple quality validation steps for every lot we produce. Upon final acceptance, our weld metal is specially packaged in moisture-resistant plastic cartridges with special closure caps. Then the cartridges and required metal discs are packaged in moisture-resistant boxes with unique manufacturing lot codes. These lot codes are a thermOweld® innovation, providing complete traceability from raw material origination, through our multiple processing stages to shipment. Finally, thermOweld® applies special shrink-wrap plastic to every weld metal box, insuring reliable storage, positive field ignition and superior welds every time.

Every individual weld metal cartridge is marked with the size and weight in grams for easy identification, even when separated from the host box. thermOweld® weld metal is shipped worldwide to more than 50 countries via ground, air and ocean freight. All sizes of weld metal are available immediately with thermOweld's Same Day Service (SDS) shipment program.

Our chemical engineers have formulated and created various weld metal types for application-specific use, including our standard formulations:

- 1) copper-to-copper, copper-to-steel and copper-to-copper-clad steel
- 2) copper-to-ductile (cast) iron
- 3) copper-to-rail
- 4) cathodic protection



Section 3
Weld Metal & Accessories

Standard Cartridge Size	Low Emission Cartridge* Size	Cast Iron Cartridge Size	Cathodic Protection Cartridge Size	Rail Cartridge Size	Packed Per Box
#15	LE#15	—	#15CP, 15CPS**	—	20
#25	LE#25	#25CI	#25CP	#25R	20
#32	LE#32	#32CI	#32CP	#32R	10
#45	LE#45	#45CI	#45CP	#45R	20
#65	LE#65	#65CI	#65CP	#65R	20
#90	LE#90	#90CI	—	#90R	10
#115	LE#115	#115CI	—	#115R	10
#150	LE#150	—	—	#150R	10
#200	LE#200	—	—	#200R	10
#250	LE#250	—	—	#250R	10
—	LE#300	—	—	—	4*
—	LE#300	—	—	—	4*
#500	LE#500	—	—	#500R	10
—	LE#600	—	—	—	4*

thermOweld® Weld Metal is sold in box quantities only

*Low Emission Weld Metal cartons contain four (4) cartridges; four (4) ignitors; (1) gasket, and one (1) filter. ** 15CPS includes: 20 sleeves.

Weld Metal Disks

Weld Metal Disks are used to hold the weld metal in place until the reaction occurs. One disk per weld is required. Disks are included with the weld metal.

Part #37-0320-01 ¾" Dia. Disk (For use w/ #15 thru #65 Weld Metal Cartridges) 20 pack

Part #37-0320-02 1" Dia. Disk (For use w/ #90 thru #115 Weld Metal Cartridges) 10 pack

Part #38-0320-03 1 ½" Dia. Disk (For use w/ #150 thru #500 Weld Metal Cartridges) 10 pack

Part #37-6127-00 Disk Kit (Kit consists of a tube with 25 each of the above disks)

