

NEW PRODUCT



A LINCOLN ELECTRIC COMPANY

Turn to the **ALUXCOR** Pros

AVAILABILITY

- Wide variety of wire diameter in spools and cut lengths in imperial and metric sizes
- Preforms
- Rings
- Return bends and Crossovers

IMPROVED DESIGN

- New round flux cored ring design
- Protects the flux inside the wire until proper pre-heat which helps prevent silicon erosion from excess flux burn off on the tube
- Seam prevents flux loss during shipping, loading onto the return bends, and in wire feed applications
- Helps with return bend ring retention to prevent rings from moving or falling off return bends and crossovers

BETTER PERFORMANCE

- Core design releases the flux only after sufficient preheating so both the flux and alloy flows at the right time into the capillary
- Proprietary custom flux blends available for customer specific applications
- Strict flux percentage tolerance ensures that the flux is consistent throughout the wire for repeatable high performance flow of the alloy
- We only use non-corrosive and non-hygroscopic flux with no flux binder

COMPETITIVE COSTING

- In house manufacturing
- Capability of manufacturing wire, flux cored rings, ring loaded return bends which helps lower costs and shorten the supply chain

MARKETS

- Residential HVAC manufactures
Fabricated Parts Manufacturers
Coil Manufacturers
- Automotive
- Appliance





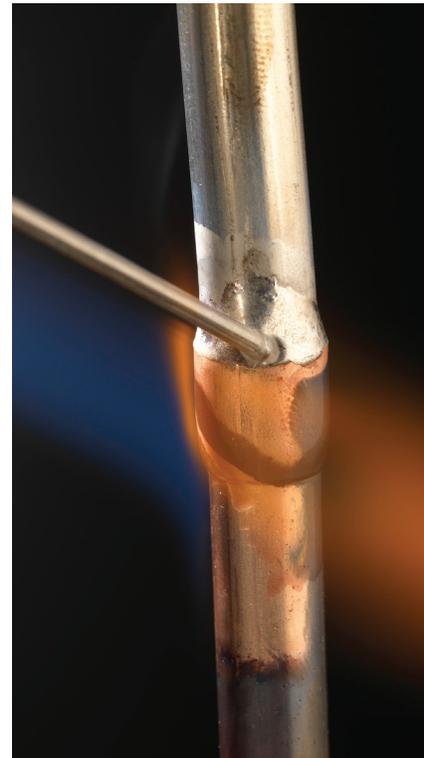
SUPERIOR BRAZING ALLOYS

With excellent strength and corrosion resistance for joining aluminum-to-aluminum or aluminum-to-copper or brass. Free flowing with unequaled capillary attraction, ductility, and penetration. Our ALUXCOR™ 4047 has four different non-corrosive and non-hygroscopic flux combinations with no binder to fit your customer specific heating applications. Our ALUXCOR™ zinc aluminum alloys also have non-corrosive and non-hygroscopic cesium flux with a lower melting temperature and wider melting range than aluminum silicon alloys.

FLUX CORED ALUMINUM AND ZINC/ALUMINUM ALLOYS

ALLOY	AWS CLASSIFICATION	Al %	Si %	Mg %	Zn %	Sn %	OTHER %	MELTING RANGE °F	MELTING RANGE °C	FLUX CORE
ALUXCOR 4047	BAISi-4	88	12					1070-1080	577-582	Flux Formula 15.1 - Pure, premium, non-corrosive, and non-hygroscopic
ALUXCOR 4047	BAISi-4	88	12					1070-1080	577-582	Flux Formula 15.2 - Premium, non-corrosive, and non-hygroscopic
ALUXCOR 4047	BAISi-4	88	12					1070-1080	577-582	Flux Formula 15.3 - Premium, non-corrosive, and non-hygroscopic
ALUXCOR 4047	BAISi-4	88	12					1070-1080	577-582	Flux Formula 15.4 - Premium, non-corrosive, and non-hygroscopic
ALUXCOR 98/2		2			98			710-725	377-385	Cesium Flux Formula - Non-corrosive and non-hygroscopic
ALUXCOR 78/22		22			78			800-900	426-492	Cesium Flux Formula - Non-corrosive and non-hygroscopic

Other alloys and flux combinations available upon request.



THE HARRIS PRODUCTS GROUP
www.harrisproductsgroup.com

Orders: 1.800.733.4043
+1.513.754.2000

FLUX CORED
ALUMINUM ALLOYS



A LINCOLN ELECTRIC COMPANY

The Harris Products Group
A Lincoln Electric Company
4501 Quality Place - Mason, OH 45040
Customer Service: 1.800.733.4043
+1.513.754.2000
Fax: 513.754.8778



PN: 9700092
112015