NEW PRODUCT

Turn to the Pros

ALUXCOR

A LINCOLN ELECTRIC COMPANY
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 unequalled 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.

<table>
<thead>
<tr>
<th>ALLOYS</th>
<th>AWS CLASSIFICATION</th>
<th>Al %</th>
<th>Si %</th>
<th>Mg %</th>
<th>Zn %</th>
<th>Sn %</th>
<th>OTHER %</th>
<th>MELTING RANGE °F</th>
<th>MELTING RANGE °C</th>
<th>FLUX CORE</th>
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</thead>
<tbody>
<tr>
<td>ALUXCOR 4047</td>
<td>BAlSi-4</td>
<td>88</td>
<td>12</td>
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<td></td>
<td></td>
<td>1070-1080</td>
<td>577-582</td>
<td>Flux Formula 15.1 - Pure, premium, non-corrosive, and non-hygroscopic</td>
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<td>577-582</td>
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<td>98</td>
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<td>710-725</td>
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<td>800-900</td>
<td>426-492</td>
<td>Cesium Flux Formula - Non-corrosive and non-hygroscopic</td>
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Other alloys and flux combinations available upon request.