

# Royal 110 FCo

Flux Cored Rod for Gas Brazing (TB)

Aluminum Alloy



*"The Royal Line"*

**CROWN** ALLOYS COMPANY

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## Bead Forming Flux Cored Aluminum Alloy for Torch Brazing

### Typical Applications

**Royal 110 FCo** is a special fabricated aluminum alloy with the flux contained in the core. This alloy flows thicker than the **Royal 100 FCo** and is therefore better suited as a bead forming alloy or for build-up. **Royal 110 FCo** can be used on all weldable grades of aluminum, including sheet, cast and wrought aluminum. For fabrication and repair of cracks or breaks, building up worn parts, and joining of dissimilar gauges. **Royal 110 FCo** cannot be anodized.

### Specifications

- Working Temperature 1100°F
- Tensile Strength Up to 35,000 PSI
- Color Match Good
- Corrosion Resistance Good

### Procedure

Clean weld area. Align all parts leaving a gap of 1/16" to 1/8". A bevel of 60° to 70° is best on thicker butt joints or cracks. Use a slightly carburizing flame. Melt a small amount of rod on work and heat until it flows out. Then proceed to finish joint. Flux residue may be cleaned with hot water and a stiff brush.

### Sizes and Part Numbers

Diameter	Part Numbers	
	1# Package	3# Package
1/8 x 32"	RT110/TO-BP	RT110/TO



**!!!! WARNING !!!!**



**WELDING FUMES AND GASES CAN BE DANGEROUS TO YOUR HEALTH.**

**BEFORE USING THIS PRODUCT THE WELDER (END-USER) MUST READ AND UNDERSTAND THE COMPLETE PRODUCT WARNING LABEL AND THE NEW 16 SECTION SAFETY DATA SHEET (SDS).**

**THE SAFETY DATA SHEET (SDS) WHICH OUTLINES THE POTENTIAL HEALTH HAZARDS AND SAFETY INFORMATION RELATED TO THIS PRODUCT CAN BE DOWNLOADED FROM THE SDS PORTION OF THIS WEBSITE. IT IS ALSO AVAILABLE FROM YOUR EMPLOYER AND WELDING SUPPLY DISTRIBUTOR.**

**DO NOT PROCEED WITH USE OF THIS PRODUCT UNTIL YOU READ AND UNDERSTAND THE SAFETY DATA SHEET (SDS) AND PRODUCT WARNING STATEMENT.**

**BE SURE TO CONSULT THE LATEST VERSION OF THE SDS.**

**SEE THE PRODUCT WARNING LABEL AND SDS FOR COMPLETE WARNING INFORMATION.**

