

Royal 90

Bare Rod for Gas Brazing (B)

Aluminum Alloy



"The Royal Line"

CROWN ALLOYS COMPANY

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Premium Quality, Bead Forming Aluminum Brazing Alloy For Torch

Typical Applications

Brazed sections of **Royal 90** solidify rapidly thus making it well suited for filling in holes or cracks. **Royal 90** is used for surface brazing of aluminum plate or castings. **Royal 90** can be used for the filling of blow or sand holes. The bead forming properties allow for easy build-up of worn sections such as gear teeth. **Royal 90** can not be anodized.

Specifications

- | | |
|---------------------------|------------------|
| ➤ Working Temperature | 1050°F to 1100°F |
| ➤ Tensile Strength | Up to 35,000 PSI |
| ➤ Color Match | Excellent |
| ➤ Electrical Conductivity | Good |
| ➤ Corrosion Resistance | Good |

Procedure

Clean joint area. Use **Crown 100 Flux** either as a powder or mixed with water to form paste. Heat with a carburizing flame. Keep torch in constant motion until flux turns to a clear liquid. Apply alloy. Remove flux residue by quenching and washing in hot water.

Sizes and Part Numbers

Diameter	Part Numbers	
	1# Package	3# Package
1/16	RT90/TL-BP	RT90/TL
3/32	RT90/TN-BP	RT90/TN
1/8	RT90/TO-BP	RT90/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.

