

SILVER ALLOY 2015

ULTIMATE SILVER ALLOY FOR A WIDE RANGE OF COPPER AND COPPER ALLOY BRAZING

TORCH

GENERAL CHARACTERISTICS:

This alloy is self fluxing on copper to copper joints. It can be applied with the oxy/fuel torch, induction, furnace, or any other suitable means of heat. Use 8041 flux when brazing brass or bronze.

APPLICATIONS:

Loose fitting joints (.003" to .006").

TECHNICAL DATA:

Nominal Analysis Phosphorus: 5.0% Silver: 15.0% Copper: Remainder
Liquidus 1465°F (796°C)
Solidus 1190°F (643°C)
Brazing Range..... 1300°-1500°F (704°-815°C)

Diameter

(in) 1/8" sq. 1/8 x .050

(mm) 3.25 3.25 x 3.25 x 1.2

PROCEDURE:

The joint should be clean and free of foreign matter. When joining copper to brass or bronze, flux the joint area with 8041 flux. Use a slightly carburizing flame keeping the torch in motion. When the flux liquifies, add filler metal and allow it to flow throughout the joint. Remove flux residue with a wire brush and hot water.

Rev. 9/20/99

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