

PRODUCT DATASHEET

Meta-Braze™ LT 41 Flux Paste

Meta-Braze™ LT 41 Flux Paste is a pre-mixed general-purpose silver brazing flux paste designed for use with silver brazing alloys, in an operating temperature range of 550-800°C and using flame or induction heating processes. It is suitable for use on copper and copper alloys (brass, bronze etc.), steel (mild, carbon and stainless steel), tungsten carbide and PCD segments. This flux has a smooth consistency is suitable a wide range of silver brazing applications.

Product Details

Composition:	Proprietary
Specification / Standard:	EN 1045:1997: FH10 / ISO 18496:2021 FH10 B
Active Range:	550-800°C

Conditions For Use

First remove surface contamination from the parts to be brazed. They should be free from oil and grease; surface oxide should be mechanically removed. Stir Meta-Braze™ LT 41 Flux Paste before use.

A layer of flux paste should be applied, using a paint brush, to the joint surfaces before assembly of the parts. Further flux should then be applied externally either side of the joint mouth and onto any braze preforms placed outside the joint. Next the parts should be heated evenly to the brazing temperature, without localised overheating. During heating the flux will bubble as water is boiled off and the flux will become opaque and then clear as the brazing temperature is reached. If the flux becomes burnt and blackened it indicates overheating or inadequate fluxing.

The flux residues of this product, left after completion of the brazing operation, are corrosive and should be removed. For best results soak the components in warm water (60°C) for approximately 30 minutes then brush residues off and rinse before drying.

Store flux at ambient room temperature with the lid on.

Forms of Supply

Pots 250 gm and 500gm. Other sizes on request

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