



ALPHA SOLDER PASTE FLUXES

DESCRIPTION

Alpha Paste Fluxes are carefully balanced blends of proprietary materials, specifically designed to adjust the viscosity of solder pastes.

FUNCTION

Alpha Rosin Paste Fluxes are designed for use as thinners for solder pastes, rework in conjunction with solder spheres and preforms, and a variety of other applications where compatible paste flux formulations are required.

LV fluxes should be used sparingly for thinning purposes where maintaining activity level is essential. HV fluxes may be screen printed, dispensed, or otherwise applied for particular soldering operations.

RECOMMENDED ALPHA THINNERS

Alpha Solder Paste Series	Compatible Alpha Thinner	Viscosity Range
Series RMA 330 to RMA 369	RMA 5	Low Viscosity (LV) High Viscosity (HV)
Series RMA 370 To RMA 389	RMA7	Low Viscosity (LV) High Viscosity (HV)
Series RMA 390	RMA 9	Low Viscosity (LV) High Viscosity (HV)

SPECIFICATIONS

Colour	Amber
Acid Number	100 ± 10
PH*	7 ± 2
Water Extract Resistivity **	>100.000 ohm-cm

VISCOSITY

Low Viscosity (LV)	100.000 ± 10,000 cp
High Viscosity (HV)	200,000 ± 20,000 cp

Viscosity is measured with a Brookfield RVT Viscometer, TF spindle, 5 rpm at 25°F. Reading is taken at 2 minutes, using a Helipath Stand.

PACKAGING

All Alpha Paste Fluxes are available in 100, 200 and 400 gram jars. Samples are available in 100 grams, These materials are sold by weight (grams)

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SAFETY

The use of protective equipment and minimal skin contact is recommended. But, if contact occurs, wash thoroughly with soap and water to remove material from exposed areas. Ventilation is suggested to remove excessive levels of vapours.

FLAMMABLE

Keep away from heat, sparks and open flames.

STORAGE AND HANDLING

All Alpha Paste Fluxes should be stored in the original closed container at temperatures between 2°C and 30°C. Under proper storage conditions, a minimum shelf life of 2 years can be expected. IF paste is separated within the container, stir to uniform the consistency before using.

- * 5% by volume in water of a 35% by weight solution in IPA (isopropyl alcohol).
- ** As measured according to the procedure as given in the Federal Specification Q-QS-571E.

TECHNICAL SUPPORT

For enquiries, assistance and support contact Technical Services, Alpha Metals UK.

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