

ECOFREC™ TF 40



No-clean flux paste for rework

FEATURES

ECOFREC™ TF40 is a tacky flux paste designed for **rework and soldering** of traditional components and SMDs.

ECOFREC™ TF40 is particularly efficient for BGA repairing and the balling of components using balls interconnection.

SPECIFICATIONS

Colour	amber	
Odour	very low	
Solubility	in water in alcohol	not soluble soluble
Classification according ANSI/J-STD-004	REL0	
Acid index (mg KOH /g)	87	
Halogen %	0	
Density at 20°C	1.03	
Viscosity at 20°C Pa.s <i>(Measured on BROOKFIELD RVT viscosimeter with Mobile F HELIPATH system, at 5 rpm)</i>	500	

CHARACTERISTICS

ECOFREC™ TF40 is a high viscosity paste made of a complex blending of resins, activators and solvents. After soldering, flux residues remaining on the PCB are non aggressive and not liable to corrosion. PCB cleaning is thus unnecessary.

PACKAGING

Syringe	10 g or 30 g
Plastic drum	100 g
Cartridge	300 g

STORAGE & SHELF LIFE

Flux **ECOFREC™ TF40** must be stored in a cool and ventilated area between 5° and 30°C. Shelf life is about one year long.

For an optimal preservation, store cartridges and syringes in vertical position, tip downwards.

PROCESS PARAMETERS

ECOFREC™ TF40 can be applied by dispensing or screen/stencil printing.

The sticky properties of Flux **ECOFREC™ TF40** ensure that components are kept in position until the alloy is reflowed. A variety of heating methods may be used to produce the solderjoint with **ECOFREC™ TF40** ; these include soldering irons, hot gas and hot bar devices, IR or convection oven or vapour phase.

Printing adhesive properties can be improved after 30-60 minutes storage or after heating at 50-60°C during few minutes.

HSE

During soldering operations, evolving vapours should be collected by an efficient exhaust system.

Please refer to MSDS before use.

No issues when used as recommended.

Although the conformity to ROHS 2002/95CE applies to EQUIPMENT put on the market and not to a component in particular, we warranty that this product contains less than 0.1% of mercury, lead, chromium VI, polybrominated biphenyls (PBB) and polybrominated diphenyl ethers (PBDE) and less than 0.01% for the cadmium, in accordance with the decision of The European Commission dated 18/08/2005, fixing the maximal concentration values.

This data is based on information that the manufacturer believe to be reliable and offered in good faith. In no event will INVENTEC be responsible for special, incidental and consequential damages. The user is responsible to the Administrative Authorities (regulations for the protection of the Environment) for the conformity of his installation.

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