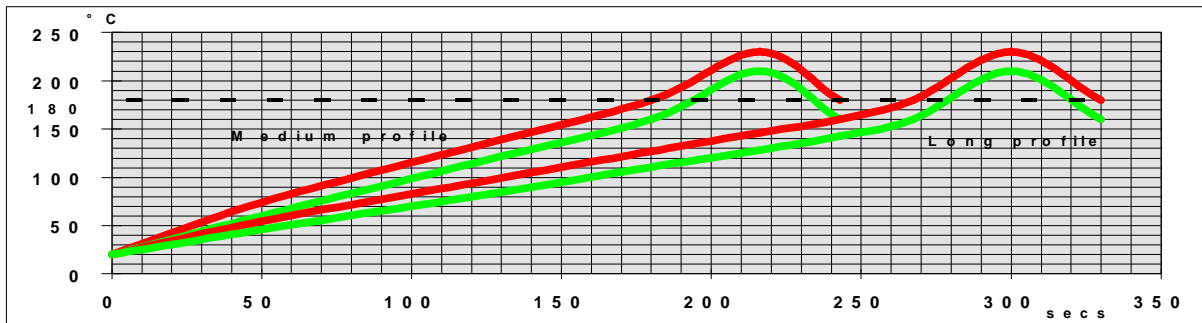


PRODUCT DATA SHEET



REFLOW THERMAL PROFILE

The figure below indicates, according to thermal mass of PCB and mounted components, the minimum and maximum areas, which have to be respected to obtain a good reflow under air without solderball.



By using a nitrogen atmosphere, you can enlarge your process window towards reflow thermal profile. This permits better wetting and coalescence.

A regular preheat temperature rise is preferable to a too long plateau, in order to avoid solderbeading to get a shining joint and a uniform residue distribution.

SLUMP

ECOREL 852H & 853H solder pastes are particularly easy to print down to 0.3 mm pitch

SOLDERPASTE PREPARATION

Before printing, it is essential to properly mix the solderpaste, either manually with a spatula, or by doing several preliminary prints on the stencil.

PACKAGING

- ♦ Jars : 250g - 500 g and 1 kg.
- ♦ Cartridges : 500 g and 1 kg.
- ♦ In proflow cassette of 1,2 kg.

STORAGE

To ensure the best product performance, the recommended storage temperature range is 5°C to 10°C. A shelf life of 9 months is achieved under these conditions in jars. In cartridges, the shelf life is 6 months.

Before use, allow several hours at room temperature for the paste to stabilize. Once a jar has been opened, a refrigerated storage is no longer required.

HEALTH AND SAFETY

Please refer to MSDS.

The information given herewith is designed only as a guidance and is not to be considered warranty of PROMOSOL.

Réf. FPCGB 85201 TSI PRO V.01 (9/04/99)



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