



ESL EUROPE

SOLDER PASTES &
THICK-FILM MATERIALS

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GOLD/TIN SOLDER PASTE

3601 NF

Lead-free*

3601 NF is a gold / tin solder paste with excellent wetting properties. It is designed for applications requiring soldering to gold or gold alloy metallisation. On reflow the flux does not char and the residues can be easily removed.

TYPICAL PROPERTIES

Solder Alloy:	80% Au / 20% Sn
Eutectic Temperature:	280°C
Reflow:	320 ± 5 °C (see typical reflow profile on back page)
Particle Size:	-325 / +500 mesh
Viscosity: (ABZ spindle, 10 rpm, 25.5 ± 0.5 °C)	400 ± 50 Pa.s
Solids:	90 ± 2 %
Flux:	Mildly activated
Flux Residue Removal:	IPA, acetone or proprietary cleaning solutions
Shelf Life (20 - 25 °C):	6 months

ESL Europe 3601 NF 0507-F

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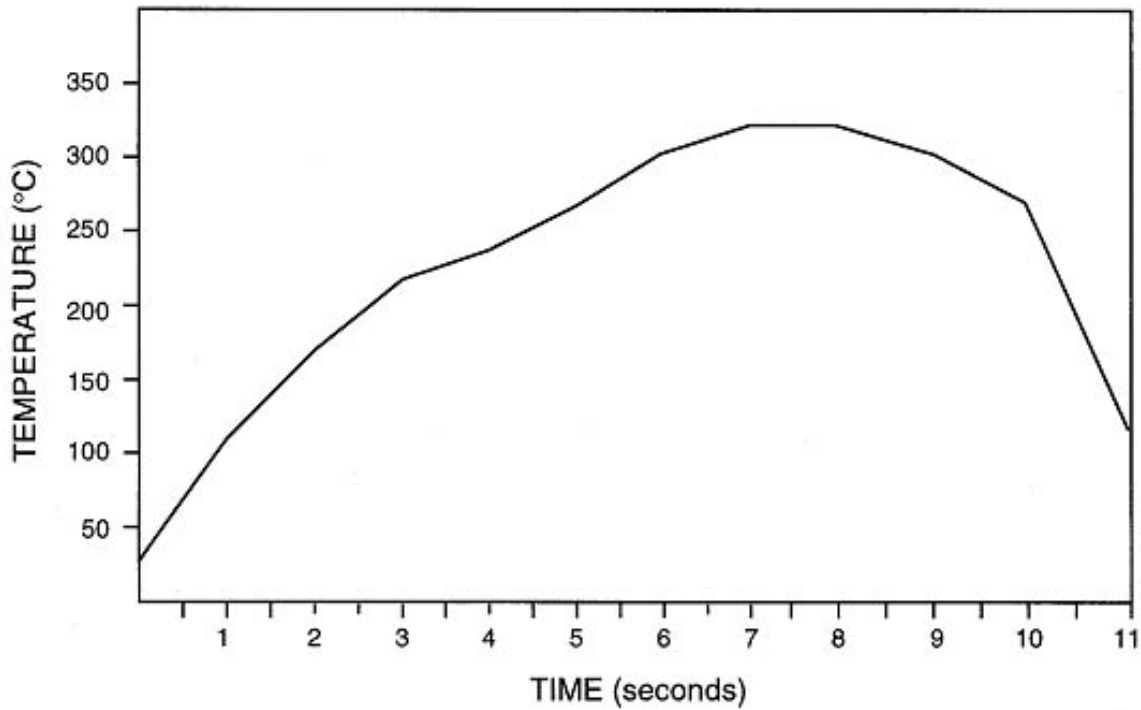
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See Caution and Disclaimer on next page.

TYPICAL REFLOW PROFILE FOR 3601 NF GOLD-TIN SOLDER



ESL Europe 3601 NF 0507-F

*Complies with RoHS

CAUTION: Proper industrial safety precautions should be exercised in using these products. Use with adequate ventilation. Avoid prolonged contact with skin or inhalation of any vapours emitted during use or heating of these compositions. The use of safety eye goggles, gloves or hand protection creams is recommended. Wash hands or skin thoroughly with soap and water after using these products. Do not eat or smoke in areas where these materials are used. Refer to appropriate MSDS sheet.

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