



ESL EUROPE

SOLDER PASTES &
THICK-FILM MATERIALS

8 COMMERCIAL ROAD
READING, BERKSHIRE, RG2 0QZ, UK

T: +44 (0) 118 918 2400
F: +44 (0) 118 986 7331

www.solderpaste.co.uk

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

ESL Worldwide

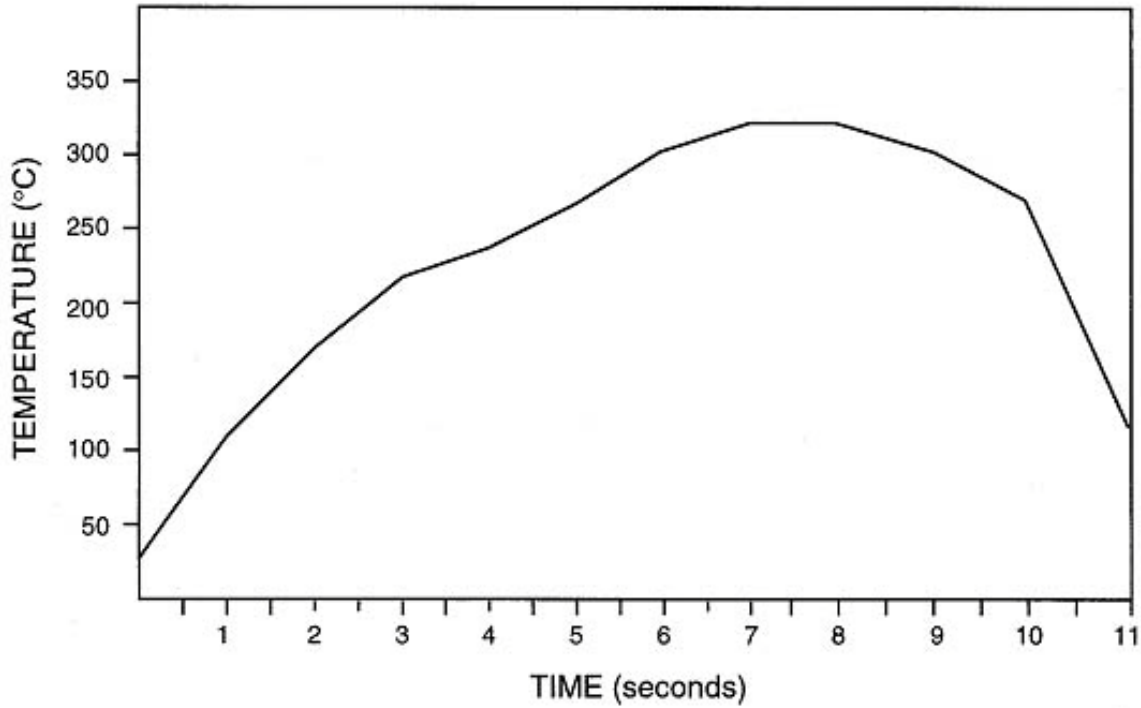
U.S.A: ESL Electro-Science • 416 East Church Road • King of Prussia • PA 19406-2625 • U.S.A • Tel: +1 610-272-8000 • Fax: +1 610-272-6759 • Sales@ElectroScience.com

Japan: ESL Nippon • Sukegawa Bldg. • 6th floor • 3-4 Yanagibashi 1-chome • Taito-ku • Tokyo 111, Japan • Tel: +81-3-3864-8521 • Fax: +81-3-3864-9270 • Sales@ESL-Nippon.co.jp

China: ESL China • Room #1707, Tower A, City Center of Shanghai • 100 Zunyi Road • Shanghai, China 200051 • Tel: +86-21-6237-0336 and 0337 • Fax: +86-21-6237-0338
ESLChina@sh.cnuninet.net

See Caution and Disclaimer on other side.

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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