



ELECTRA

TECHNICAL DATASHEET

EL11 LO (LOW ODOUR)

SINGLE-PACK THERMAL CURE LEGEND INK FOR SCREEN-PRINT APPLICATION

PRODUCT DESCRIPTION

EL11 is a high definition, high contrast, 1-Pack legend system with a low inoffensive odour. It has a long open screen life and fast cure times in both convection ovens and infra-red tunnels. After final cure the system gives excellent adhesion to base laminate and soldermask surfaces.

EL11 is available in white, yellow and black.

EL11 is designed for application after hot-air-solder-level (HASL). Application prior to HASL may result in poor adhesion and softening of the legend ink.

PROCESSING

Thinning: Viscosity may be adjusted using **Butyl carbitol**.
Max. 5% reducer should be added or deterioration of printing & curing properties may result.

Printing: Mesh: 77 to 100T polyester
Squeegee: 80 Shore

Direct, indirect and direct/indirect stencils are all suitable.
It is recommended to keep screens flooded during breaks.

Curing: Convection oven: 30 min at 120 to 150°C
IR oven: 5 to 10 min at 160-180°C

Users should make their own tests when using IR curing owing to the variation between different machines, e.g. IR wavelength and IR intensity.
Please contact Electra Technical service department for recommendations.

Cleaning: Equipment should be cleaned of residual ink using **Dowanol PMA**.

Shelf-life: Min. 6 months from date of manufacture when stored in cool, dry, recommended conditions.

Storage: Between 10 and 25°C (50 - 77°F) and must be away from sources of heat and direct sunlight.

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ELECTRA

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