

**C2030304D2****Aluminium Ink****PRODUCT DESCRIPTION**

Aluminium Ink is designed to give good ohmic contact on to barium titanate PTC components.

**Product Benefits**

General purpose Aluminium paste with good round properties for large volume printing applications.

**PROCESSING****Screen Printing Equipment**

Semi-Automatic, automatic

**Ink Screen Life**

>3 hours

**Screen Types**

Stainless steel, polyester

**Typical Drying Conditions**

Dry at 150°C for 10-15 minutes in a box oven.

**Typical Firing Conditions**

A typical peak firing temperature should be between 780 to 840 °C.

**Clean Up Solvent**

Ethoxy Propanol or Sericol

**Substrate**

Fired PTC discs or plates.

**Storage**

The product should be kept sealed, in its container, and stored at room temperature (20°C)

**Shelf Life**

In a sealed container, stored correctly, the shelf life is minimum 6 months from despatch.

**Diluent/ Thinner**

S60118D3.

**PHYSICAL PROPERTIES**

<b>Solids Content</b> at	65.0 ± 1%wt/wt
<b>Viscosity</b> Haake RS 1, C20/2°TiL at 230 sec <sup>-1</sup> at 25°C.	3.4 - 4.3 Pa S
<b>Coverage</b> Using a 230 mesh stainless steel screen	227 cm <sup>2</sup> per g

**SAFETY AND HANDLING**

These inks are intended for industrial use by trained personnel. It is important for workers to avoid overexposure to chemicals contained in these products.

Read the Material Safety Data Sheet (MSDS) and product labels before using the products.

Keep product container closed when not in use to prevent solvent evaporation and spilling hazard

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