

### LTD5101

#### Polymer Thick Film

##### Description

LTD5101 is a screen printable, single component and fast cure coating used for circuit protection and substrate insulation. This blue material, when properly cured, yields a chemically inert film which will not react with circuit components. LTD5101 provides excellent adhesion to a variety of substrate materials. This material is suitable for heater applications.

##### Key Features

- Wide range of curing conditions
- Excellent adhesion to multiple substrates
- Yields a chemically inert film
- Ideal for heater applications
- Compatible with Heraeus polymer conductors and resistors



*This picture does not show the packaging of LTD5101 and is solely intended for illustration purposes. The products are available in different packaging configurations and may change over time. Please refer to the latest safety data sheets for safety-relevant pictograms*

##### Typical Properties

Viscosity	40 - 100 kcps HBT #14 spindle @ 10 RPM, 25°C
Color	Blue
95% Max Particle Size	<6 µm, hegman

##### Recommended Processing Guide

Printing Parameters	Polyester Mesh (157 to 230 TPI) Steel Mesh (165 to 325 TPI)
Drying Temperature	130°C for 5-10 minutes
Film Thickness	LTD5101 is a Screen Printingable, single component and fast cure coating used for circuit protection and substrate insulation. This blue material, when properly cured, yields a chemically in
Paste Compatibility	Compatible with all PriElex products

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#### Warranty

6 months

#### Storage

Store at ambient conditions away from direct light. Material should be thoroughly mixed or rolled on a jar roller at a slow speed for 1 hour prior to use

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