

### CL47-8830

#### Conductor

##### Description

CL47-8830 is a Ag/Pt conductor, designed for highly leach resistant applications. CL47-8830 is a member of Heraeus' line of lead free conductors with excellent fired film density, excellent solder leach resistance and superior aged adhesion.

##### Key Features

- Excellent leach resistance Dense fired film Correct choice for small geometries that require no leaching in Pb free solders



*This picture does not show the packaging of CL47-8830 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

Conductivity	≤ 75 milliohms/square at 12 um fired film thickness
Viscosity	190 – 250 Kcps Brookfield HBTSC4 – 14 spindle, 6R utility cup at 10 rpm, 25 °C
Solids	79.0 ± 1%
Metal	AgPt

##### Recommended Processing Guide

Printing Parameters	280 mesh stainless steel screen. 0.5 mil emulsion 1.3 mil wire diameter, 45° angle
Drying Temperature	150°C for 10 minutes.
Process Temperature (TDS)	850 – 950 °C peak temperature Dwell time of 10 – 12 minutes Total cycle time 36 – 60 minutes
Film Thickness	Wet: 34-38 microns Dried: 22 - 27 microns Fired: 10 -15 microns
Recommended Thinner	RV-372

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#### Warranty

6 months

#### Storage

Store in a dry location at 5 – 25 °C

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