

3571UF

Conductor

Description

3571UF is an unfritted silver paste used primarily in multilayer applications as a top layer conductor to provide a glass free surface. 3571UF offers a dense fired film that exhibits excellent solderability.

Key Features

- Pure Ag Conductor overprint Enhances solderability
Excellent fired film density



Typical Properties

Viscosity	180 – 240 kcps, Brookfield HBT, SC4-14 spindle & 6R utility cup @ 10 rpm, 25°C
Coverage	70-75 cm2/gm at 50 micron wet film thickness
Resistivity	≤ 2.0 milliohms per square at 25 microns fired film thickness

Recommended Processing Guide

Printing Parameters	200-325 stainless steel mesh screen 0.5 mil emulsion Allow parts to level at room temperature for 5-10 minutes.
Printing Speed	Up to 10 in/sec (25 cm/sec)
Drying Temperature	150°C for 10 to 15 minutes
Process Temperature (TDS)	850- 925°C peak temperature Dwell time of 5-10 minutes at peak

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Recommended Processing Guide (continued)

Film Thickness	9 - 15 µm
Line Definition	≥ 125 microns (5 mils)
Recommended Thinner	Heraeus RV-372

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Warranty

Material guaranteed to meet specifications for 6 months from date of manufacturing with proper storage.

Storage

Store in a dry location at 20 – 25°C. DO NOT REFRIGERATE. Allow paste to come to room temperature prior to opening. Spatulate well before using, as settling may occur during storage.

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