

## Technical Data Sheet

### THICK FILM MATERIALS

Product Type: Conductors

Product Name: C 4300UF

#### Unfritted Gold

##### Description

C 4300UF is a specialty unfritted gold conductor, which is used in multilayer applications as a top layer conductor requiring a glass free surface.

##### Key Benefits

- Glass free surface after firing
- Screen printable viscosity

##### Typical Properties

###### Viscosity

120 - 150 Kcps, Brookfield HBT, SC4-14 spindle and 6R utility cup at 10 rpm, 25°C.

###### Solids

84.0 ± 1.0 %

##### Recommended Processing Guidelines

###### Printing

180 - 325 stainless steel mesh screen  
0.3 – 0.5 mil emulsion

###### Drying

150 °C for 10 – 15 minutes

###### Firing

850 °C – 950 °C peak temperature  
Dwell time of 6 – 10 minutes

###### Thinner

RV-372

###### Warranty

Material guaranteed to meet specifications for 6 months from date of shipment.

###### Storage

Store in a dry location at 5 °C – 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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