

## Product Specification

Product:	Conductive Silver Paste
Part Number:	01M-0605 Series

### Application Scope :

This product is suitable for use as electrodes in piezoelectric ceramic products.

### Usage Conditions :

Substrate	Piezoelectric ceramic, roughness 3-5 $\mu\text{m}$
Printing	200-300 mesh screen printing
Leveling	Let it level at room temperature for 5-15 minutes (adjust time based on actual leveling conditions).
Drying	Bake in a ventilation oven at 100-150°C for 10-15 minutes (if the baking temperature is below 300°C, the baking time may be adjusted according to actual conditions).
Firing Condition	Sintering in a tunnel furnace with air atmosphere, peak temperature <b>550-750°C</b> (recommended value), 9-11 minutes.
Thinner	ST-1000

### Characteristics :

	01M-0605	01M-0607
Fineness( $\mu\text{m}$ )	$\leq 5$	
Viscosity(pa.s)	120-280	
Solid Content (%)	70-75	60-65
Resistivity( $\text{m}\Omega/\square$ )	$\leq 3$	$\leq 5$
Adhesion(N)	$\geq 45$	$\geq 42$
Advantages	<b>Excellent tin soldering performance</b>	

Standard	Test Method And Conditions
Fineness	FOG test
Viscosity	Brookfield HBT (Boli Fei) viscometer, rotor SC4-14/6R, operating at 10 rpm, with viscosity adjustable to $25 \pm 1^\circ\text{C}$ according to user requirements.



## Sryeo Electronic Paste Co., Ltd.

[www.sryeo.com](http://www.sryeo.com)

[sales@sryeo.com](mailto:sales@sryeo.com)

Resistivity	The sintered film thickness is 8-12um. Test graph 0.6mm×60mm
Adhesion Strength	Peel Test: 0.5mmφ Tin plated Cu wire soldered on 2mm×2mm Pad. Solder: 96.5Sn/0.5Cu Mildly activated flux used.

### Save Conditions And Validity Period :

The product shall be stored in a sealed container at an ambient temperature of 5-25°C, with a shelf life of 1 year from the date of shipment.

### Packaging Method :

Standard packaging, 1000g per can.

Sample size: 200 g/can