



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 μm
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 550-750°C (recommended value), 9-11 minutes.
Thinner	ST-1000

Characteristics :

	01M-0605	01M-0607
Fineness(um)	≤ 5	
Viscosity(pa.s)	120-280	
Solid Content (%)	70-75	60-65
Resistivity(m Ω /□)	≤ 3	≤ 5
Adhesion(N)	≥ 45	≥ 42
Advantages	Excellent tin soldering performance	

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.



Resistivity	The sintered film thickness is 8-12um. Test graph 0.6mm×60mm
Adhesion Strength	Peel Test: 0.5mm φ 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