

Palladium Silver Conductor Paste DT08XX

DT08XX series is an environmentally conductor paste. It is non-toxic element up to European RoHS environmental regulation..(2002/95/EC) It has features of strong adhesive force, good weldability and can effectively restrain from Ag ion moving. DT08XX is designed on ALN ,inner connect or terminating in the special circuit as thick film circuit with superior performance, electronic of automobile, government issue and so on.

Model	DT08005	DT0803	DT0805	DT0810	DT0815	DT8520	DT8535
Palladium Content (%)	99.5/0.5	97/3	95/5	90/10	85/15	80/20	65/35
Viscosity	300±50Pa·s(10 rpm, 25°C±0.5°C)						
Fineness	<10 μ m						
Solid Content	83±2%						
Screen Mesh	200~350 stainless steel screen						
Leveling Time	at room temperature, 2~3min						
Drying	120~150 /(>8 min)						
Firing	850°C/>10min						
Film Thickness (μm)	13±2 μ m						
Spreading rate	~100cm ² /g (fried thickness :14μm)						
Conductivity (mΩ/sq)	≤3	≤4	≤6	≤10	≤20	≤30	≤50
Solderability	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Weldability(235°C,10s)	≥2Times	≥2Times	≥3Times	≥4Times	≥4Times	≥5Times	≥5Times
Adhesion(N/2×2mm ²)	≥30	≥30	≥30	≥30	≥20	≥20	≥20
Thinner	LEED DZ-XS						
Shelf Life	6 Months (5~25°C)						

Notice of usage and storage:

1. The used material should be collected and sealed up alone. Don't mix with other untapped material.
2. Before using the paste, it is essential to take out of from icebox or icehouse firstly and place it at about 25°C beyond 12 hours. Keep stir it slowly and fully till the composition of this paste is uniform.
3. It should be guarantee that the room temperature and appliance temperature remains 26±2°C during printing.
4. Paste material placed on the screen should be moderate and added regularly when making screen-printing.
5. Dilute the paste moderately to recover the printing performance.
6. The storage temperature is recommended between 5 and25°C. The shelf time is commonly 6 months.