

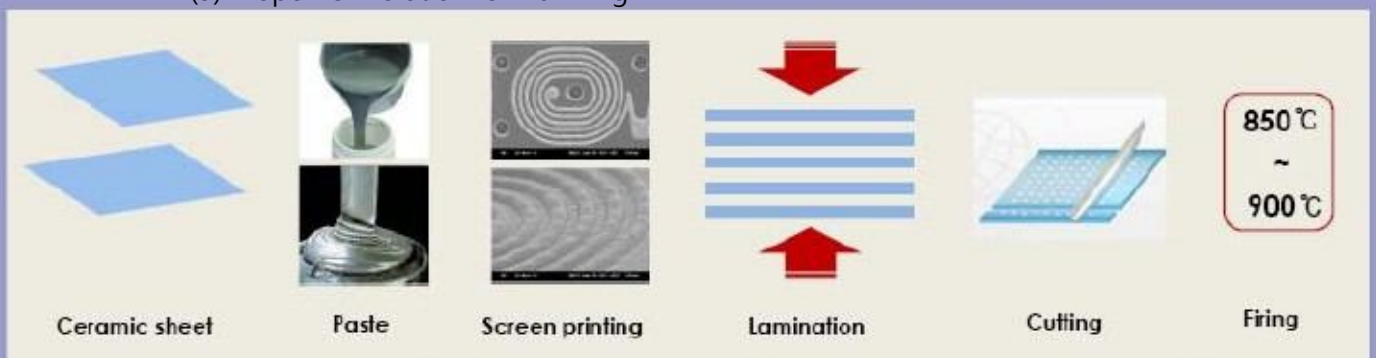


銀導電漿

由 WINNER TECHNOLOGY CO., LTD.所研製之銀導電漿(Ag Paste)具有高導電性、高附著力、可運用於極細線(30 μm ~ 50 μm)網印。WINNER TECH.也可因應客戶需求，調配客製化導電漿。

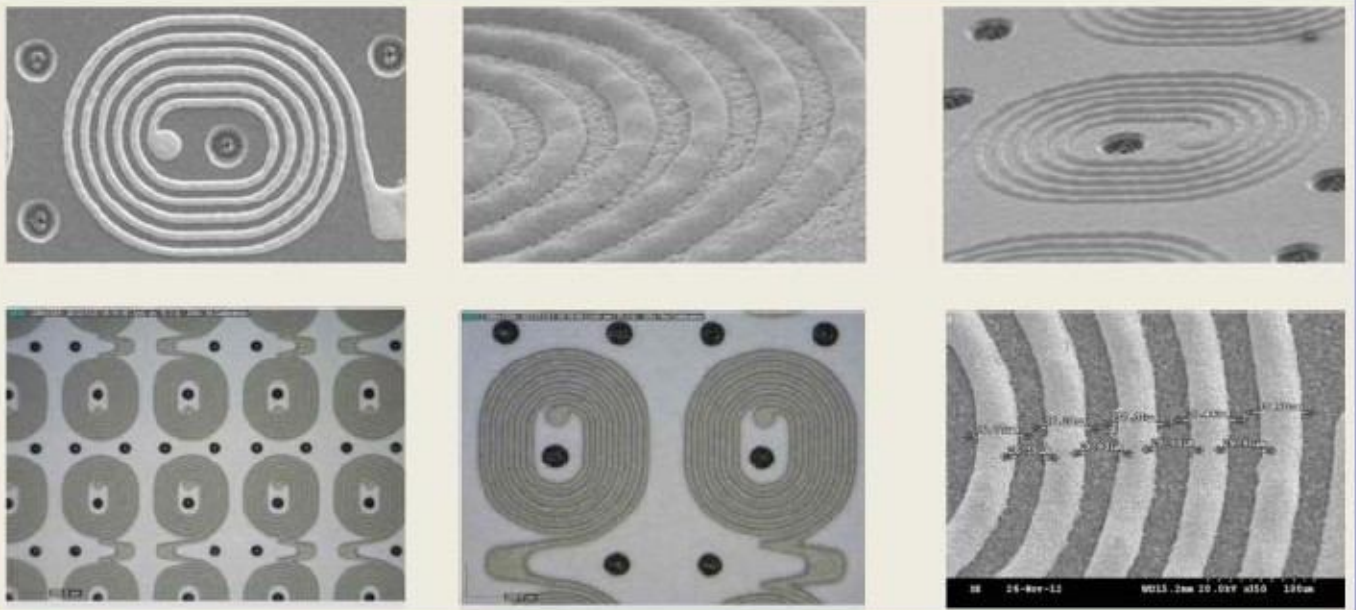
Application:

- WT-APPI series (Inner Electrode)
 - (1) Co-firing conductor with ceramic green sheet
 - (2) Well matched TCE with Customers' ceramic composition
 - (3) Enhanced vehicle formulation for fine line printing
 - (4) Application : Power inductor, CMF, Chip inductor, LTCC, etc...
- WT-APFLP series (Inner Electrode)
 - (1) Co-firing conductor with ceramic green sheet
 - (2) Specially designed formulation for ultra fine line printing (30 μm ~ 50 μm)
- WT-SPVF series (Via filling)
 - (1) Via filling conductor
 - (2) Co-firing with ceramic green sheet
 - (3) Proper formulation for via filling



Ag Paste

銀導電漿



Products	Material	Firing Temp.	Characteristics	Applications
WT-APPI series	Ag	850°C~900°C	Fine Line Resolution Good Leveling, Low Electrical Resistance	Inner Electrode for CMF, Power Inductor, LTCC
WT-APFLP series	Ag	850°C~900°C	Ultra Fine Line Resolution (30 μm ~ 50 μm)	Inner Electrode for CMF
WT-SPVF series	Ag	850°C~900°C	Viscous behavior for filling Via	Via filling for CMF, Power Inductor, LTCC.

Ag Paste

銀導電漿

Technical Issue

Ag content

- 80%~90%
- Each item needs different content or different material

Printability

- Fine pattern printing
- Constant performance during printing process

Matching

- Compatible solvent
- Matching with ceramic sheet during firing

Conductivity

- The higher, the better
- The final performance

電熱材料、SiC、MoSi₂ 發熱元件、高純度氧化鐵粉電熱材料、
SiC、SiC

熱電偶、電阻式溫度計、溫度校正



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Ag Paste