SCOPE: Silver, fine-grained silver and silver-copper which has been produced by melting-metallurgical methods.

- Ag (fine silver, silver content > 99.9%)
- AgNi0.15 (fine-grain silver, Fg-Ag)
- AgCu3 …10 (hard silver)

**Key Features**

*Ag*

- Highest electrical and thermal conductivity
- Oxidation-resistant, lower contact resistance
- Low weld-on-make resistance
- Tendency for material migration in direct current applications

**AgNi0.15 (fine-grained silver) and AgCu (hard silver, similar to Ag)**

- Higher wear resistance than Ag
- Resistance to welding higher than Ag but lower than AgNi
- AgCu has a higher contact resistance than AgNi0.15, (increases with Cu content)
- Very good ductility and brazing/welding properties

**Applications**

- Switching currents up to 10 A
  - Relays
  - Switches for household appliances
  - Light and main switches
  - Auxiliary power switches

**Delivery form**

- Wire
- Profile
- Contact tip
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