

AgCu 3, AgCuNi 2

Alloy Melting Process

Silver Copper
Silver Copper Nickel

Characteristics

- Higher arc erosion resistance than fine silver
- Lower material migration transfer under DC loads
- Good solder and welding characteristics

Applications

- Wiring devices
- Light switches
- Pushbutton & limit switches (AC 24 – 380V)
- Relays AC/DC
- General purpose relays 0.1A - 20A
- Telecommunications relays
- Miniature PC board relays

Material	Ag Content [wt-%]	Density [gr/cm ³]	Electrical Resistivity [$\mu \Omega$ cm]	Hardness (Annealed) [HV10]	Tensile Strength [N/mm ²]	Elongation (Annealed) %	Form of Supply
AgCu 3 AgCuNi 2	97 98	10.4	1.92	45	250	25	Wires, Tips, Rivets

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