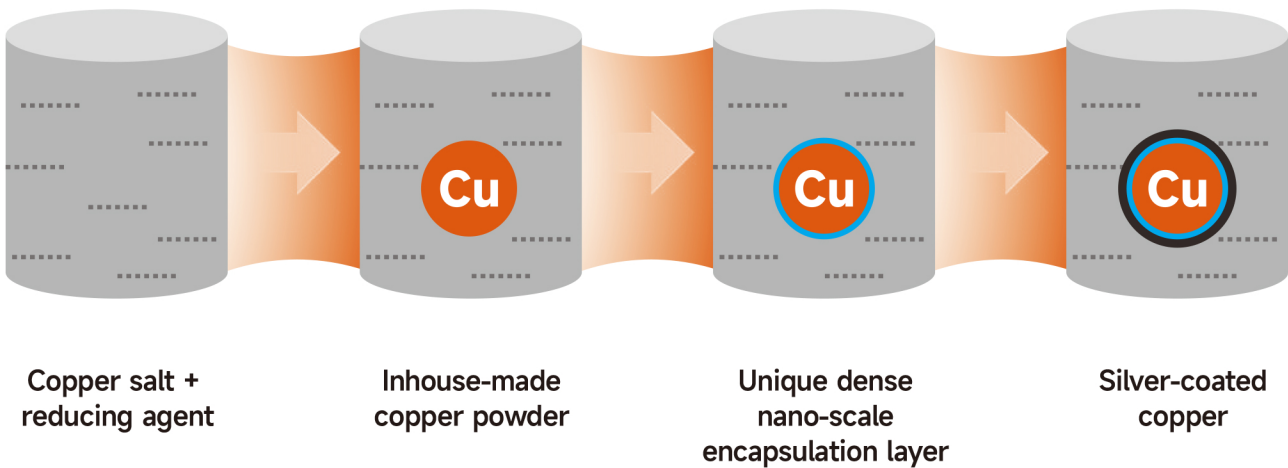


SILVER-COATED COPPER POWDER

Nuovo Film Inc. offers silver-coated copper powder utilizing a proprietary encapsulating silver-coating technology. This technology involves the formation of a dense nanoscale silver protective layer, reducing the silver content to 20% while ensuring its anti-corrosion properties and conductivity.

Technical Advantages



1

Precision Synthesis:

We control copper powder particle size through agent selection and reaction process control.

2

Atomic Layer Modification:

Our innovative technology enhances material performance with a nanoscale protective layer.

3

Efficient Thin-Silver Coating:

Using antioxidantized copper powder as a base, a two-step process coats a dense, ultra-thin layer of silver, reducing silver content to as low as 20%.

PRODUCT PROPERTIES			
MODEL	D50(μm)	SPECIFIC SURFACE AREA (m ² /g)	SILVER CONTENT (wt%)
Ag@Cu-T01	3.5 - 4.2	0.20 - 0.50	10 - 30
Ag@Cu-T02	0.8 - 1.6	1.40 - 2.30	15 - 40