NovaCentrix manufactures silver nanopowder with average particle size of 25 nm, with a specific surface area of 23 m²/gm. Silver nanopowder is used in electrically conductive inks for inkjet and flexographic printing. Silver has also been shown to have antimicrobial properties.

**Characterization**

![Transmission electron microscope (TEM) image of silver with 25 nm average particle size.](image)

- **Imaging and Morphology**
  Transmission electron microscope (TEM) image of silver with 25 nm average particle size.

- **Material Structure and Crystallinity**
  X-ray diffraction data (right) for silver showing the material to be highly crystalline. Note the broad peaks in the pattern confirming small crystallite size.

**Sample Applications**

- Electrically conductive inks and adhesives for photovoltaics, displays, energy storage, RFID, and smart packaging
- Silver has been shown to have antimicrobial activity

**Availability**

- Pricing at $15/gram, with 10 gram minimum required
- Volume pricing available
- Due to demand, inquire for stock availability. If in stock, orders will generally ship within 2 days of receipt.

www.novacentrix.com
Contact us today to learn more.
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