

Antibacterial
SILVER
Nanowire

NS6130-03-000307

Quick Facts

Product	:	Silver Nanowire
Stock No	:	NS6130-03-000307
CAS	:	7440-22-4
Purity	:	99.9%
Form	:	Liquid (suspension)

Technical Specification

Diameter	Length
40nm	20µm

Silver nanowires have great potential for developing advanced technology applications. Silver is well known for its antibacterial, antimicrobial, antifungal, antiviral properties, low toxicity and large ratio of surface area. Silver nanowires for textiles, surface coating and drug delivery, diagnostic and tissue regeneration. Silver nanoparticles have multiple potential biomedical applications adhesive materials in orthodontic treatment, membrane for guided tissue regeneration in periodontal treatment, titanium coating in dental implant treatment, therapeutics, such as surgical mesh, fabrication of artificial joint replacements, wound dressing and medicament for promotion of wound healing.

Applications

- Textiles and Fibrous Membranes
- Surface Coating of Medical Devices
- Drug Delivery
- Pharmaceutical industries
- Used as antimicrobial textiles

