



Based in New York, LTS is a leader in the manufacture of high-purity optical coating materials. We supply high quality products to the optics, fiber-optics, electronics, automotive, aerospace, crystal growth, and fuel cell industries, among others.

LTS is recognized worldwide for its new class of fluoride materials produced via DFM®: a novel production method that allows us to completely surpass material quality achieved by conventional means.

Over the years, LTS has collaborated with several companies to research and develop new products that have since proven to directly compete with existing materials, or have entirely replaced them as industry standards.

LTS also collaborates with clients to:

- Synthesize materials in non-traditional sizes, formulations, and purity profiles to your exact specifications.
- Develop products and solutions where established ones are not capable of fulfilling your needs.

Whether you need minor variations from a standard formulation, or a completely custom chemical system: LTS is your source.

www.LTSchem.com



*Optical Coatings from
Concept to Commercialization (OC₃)*



**RARE METAL
ALLOYS**

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PRODUCT LIST OF PRECIOUS METALS

RUTHENIUM METAL ALLOYS

Chromium Ruthenium
Molybdenum Ruthenium
Ruthenium Aluminum
Ruthenium Oxide
Tantalum Ruthenium

RHODIUM METAL ALLOYS

Strontium Titanate Rhodium

SILVER METAL ALLOYS

Graphite Silver
Magnesium Silver
Silicon Dioxide Silver
Silver Aluminum
Silver Bismuth
Silver Calcium
Silver Chloride
Silver Chromium
Silver Copper
Silver Gold
Silver Oxide
Silver Palladium Copper
Silver Rhenium
Silver Ruthenium
Silver Sulfide
Silver Titanium
Tin Silver

GOLD METAL ALLOYS

Gold Boron
Gold Germanium
Gold Palladium
Gold Tin
Zinc Oxide Gold

IRIDIUM METAL ALLOYS

Iridium Manganese
Iridium Oxide

PLATINUM METAL ALLOYS

Graphite Platinum
Iron Platinum
Nickel Platinum
Platinum Cobalt

PALLADIUM METAL ALLOYS

Aluminum Palladium
Cerium Palladium
Gold Palladium
Palladium Cobalt
Palladium Nickel
Silver Palladium Copper
Zinc Oxide Palladium
Zinc Palladium

PRECIOUS METAL POWDERS

Gold
Iridium
Osmium
Palladium
Platinum
Rhodium
Ruthenium
Silver

