

# Knit Gold Antenna Mesh

Solexis specializes in knit gold molybdenum antenna mesh that facilitates the expansion of large and small satellite deployment.

Solexis' custom-manufactured textile components are designed to improve the reliability and performance of your aerospace applications, no matter how much or how little you need.

With unmatched expertise in engineering aerospace textiles and materials, Solexis is one of the few textile solution suppliers that knits gold-plated wire into antenna mesh. This next-generation material can operate between S-band and Ka-band frequencies in the most challenging space environments.

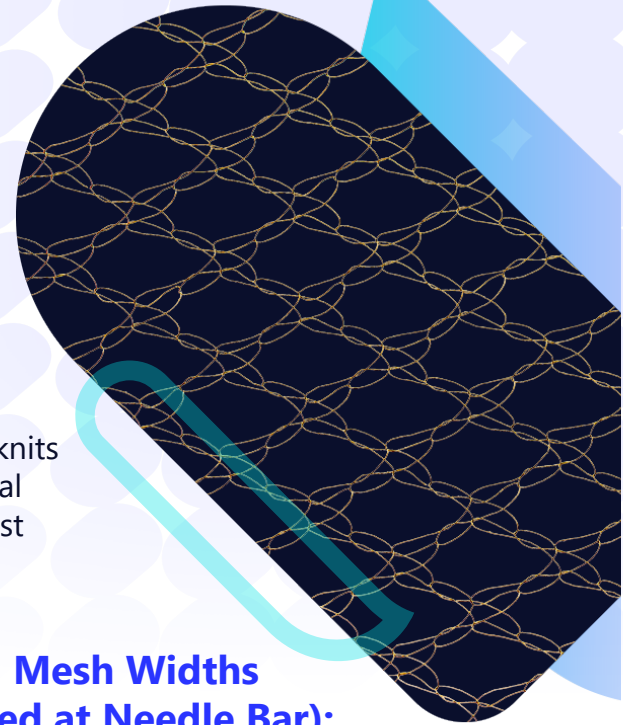
## Customization Options Include:

- Openings per inch (OPI) at 10, 20, 30, or 40
- Available width of up to 130 inches
- Continuous length of up to 2000 inches
- Gold-plated molybdenum wire sizes ranging from 0.8 mil to 1.2 mil
- Cut and packaged to your specifications

## Key Product Features:

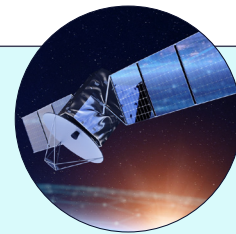
- Knit on state-of-the-art equipment that eliminates delamination and wire breaks
- Higher tolerance variability
- Lightweight
- Compact

For more information about our performance materials capabilities, contact us at [solexis.com/contact](https://solexis.com/contact).



## Antenna Mesh Widths (Measured at Needle Bar):

- 7 to 130 in. without polyethylene terephthalate (PET) selvages
- 7 to 126 in. with PET selvages



## Ready to Initiate Your Next Aerospace Innovation?

With decades of expertise in materials science, Solexis can help you solve your performance materials challenges with custom textile and polymer solutions.

Learn more at [solexis.com/performance-materials/aerospace](https://solexis.com/performance-materials/aerospace).

