

# Metal Rubber™



## MAJOR PROPERTIES

- Highly electrically conductive
- Flexible, functional fabric
- Low weight
- Conductivity at 1000% strain
- Multiple constitutive properties

Metal Rubber™ is a highly electrically conductive and highly flexible elastomer. It can be mechanically strained to greater than 1000 percent of its original dimensions while remaining electrically conductive. As Metal Rubber can carry data and electrical power and is environmentally rugged, it opens up a new world of applications requiring robust, flexible and stretchable electrical conductors in the aerospace/defense, electronics and bioengineering markets.

## TECHNOLOGY DESCRIPTION

Metal Rubber is made through a modified molecular-level self-assembly production process using precursors NanoSonic produces in-house. Materials are manufactured in a variety of sizes and geometries.



## ORDERING INFORMATION

For information concerning Metal Rubber pricing and availability, and custom orders to meet particular engineering requirements, please contact:

[MRinfo@nanosonic.com](mailto:MRinfo@nanosonic.com)