

Stainless Steel Microfilament Wire

This stainless steel microfilament wire is manufactured to exacting standards. It offers consistent performance and reliability in demanding environments, making it suitable for use in electronics, medical devices, and precision engineering applications.



ADDITIONAL IMAGES



Product Overview

High-Performance Stainless Steel Microfilament

This premium stainless steel microfilament is engineered for high-precision applications ranging from aerospace and medicine to biochemical and industrial sectors. Thinner than hair and exceptionally soft, it provides high strength, stability, and superior corrosion resistance. With excellent electromagnetic shielding and radiation protection capabilities, this wire meets the most demanding technical requirements.

Technical Specifications

Diameter Range

0.018 mm

Minimum

5 mm

Maximum

Manufacturing Standards

- ASTM
- EN
- DIN
- JIS

Diameter Tolerance Schedule

Diameter Range (mm)	Allowed Diff (mm)	Max Difference (mm)
0.018-0.049	+0.002/-0.001	0.001
0.050-0.074	±0.002	0.002
0.075-0.089	±0.002	0.002
0.090-0.109	+0.003/-0.002	0.002
0.110-0.169	±0.003	0.003
0.200-0.299	±0.005	0.005
0.320-0.499	±0.006	0.006

Available Material Grades

304, 304L, 316, 316L, 201, 410

Logistics

Packaging Options

Coil • Spool • Carton