

Fused Silica Capillary Tubing

FSS Standard Polyimide Coating

Standard polyimide coating
Synthetic fused silica
100% proof tested at 100kpsi
High Temperature Operation up to 400 °C

FSU UV Transparent Coating

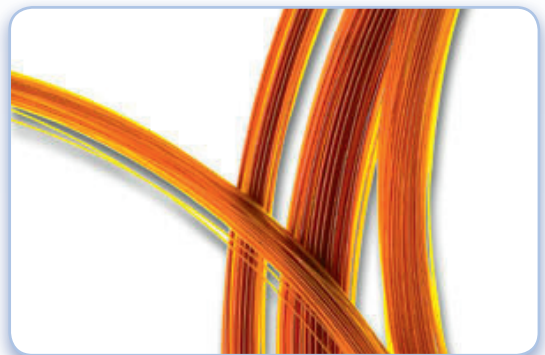
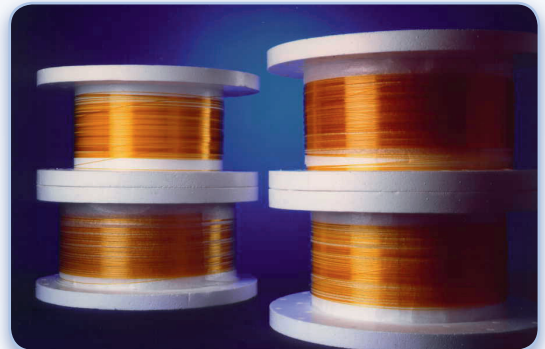
UV transparent Coating
Synthetic fused silica
Operation up to 160 °C

FSP Precision Windowed Capillary

PreCut with window for CE-Instruments
1 m length for general Applications
Window 2 mm long for use in CE
Based on FSS fused silica tubing

FSF Square Flexible Capillary

Standard polyimide coating as FSS
Synthetic fused silica with high strength
Operation up to 350 °C
Intermittent up to 400 °C



We provide a great variety of flexible fused silica capillary products with inner diameters from 2 - 700 μm and with numerous coatings available. We can supply a wide range of tubing from thin walled polyimide coated flexible fused silica to thick walled silica quartz tubes without coating. We can provide custom sizes, custom tolerances, and a wide range of durable and protective coatings with lowest tolerances to meet our customer's needs.

Applications

Fused silica is used for a broad range of applications. Some examples are

- Capillary Electrophoresis with tubing and windowed capillaries.
- Gas Chromatography with tubing and coils and for GC columns in different varieties.
- Genomics with tubing, arrays, and assemblies for DNA sequencing and fragment analysis.
- Proteomics with tubing for capillary LC columns, fluid connections, and MS interfacing.
- Microfluidics including Lab-on-a-chip with tubing for fluid connections for nano/micro devices.
- Mass Flow Control with precision cut pieces for tightly controlled delivery of gases/fluids.
- Precision Flow Cells with custom tubing for Cytometry, Chromatography and CE.

