

# Fused Silica Capillary Tubing

## 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.

## FSS Standard Polyimide Coating

Standard polyimide coating

Synthetic fused silica

100% proof tested at 100kpsi

High Temperature Operation 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.

## FSS Standard Polyimide Coating, Length per Meter available on Request, Price per Meter

Z-FSS-002150	ID 002 µm	OD 150 µm	Z-FSS-100250	ID 100 µm	OD 250 µm
Z-FSS-005150	ID 005 µm	OD 150 µm	Z-FSS-100270	ID 100 µm	OD 270 µm
Z-FSS-005365	ID 005 µm	OD 360 µm	Z-FSS-100280	ID 100 µm	OD 280 µm
Z-FSS-010150	ID 010 µm	OD 150 µm	Z-FSS-100300	ID 100 µm	OD 300 µm
Z-FSS-010365	ID 010 µm	OD 360 µm	Z-FSS-100315	ID 100 µm	OD 315 µm
Z-FSS-015150	ID 015 µm	OD 150 µm	Z-FSS-100365	ID 100 µm	OD 360 µm
Z-FSS-015365	ID 015 µm	OD 360 µm	Z-FSS-100375	ID 100 µm	OD 375 µm
Z-FSS-020090	ID 020 µm	OD 090 µm	Z-FSS-100500	ID 100 µm	OD 500 µm
Z-FSS-020130	ID 020 µm	OD 130 µm	Z-FSS-115360	ID 115 µm	OD 360 µm
Z-FSS-020150	ID 020 µm	OD 150 µm	Z-FSS-125360	ID 125 µm	OD 360 µm
Z-FSS-020280	ID 020 µm	OD 280 µm	Z-FSS-140240	ID 140 µm	OD 240 µm
Z-FSS-020365	ID 020 µm	OD 360 µm	Z-FSS-140300	ID 140 µm	OD 300 µm
Z-FSS-025150	ID 025 µm	OD 150 µm	Z-FSS-150240	ID 150 µm	OD 240 µm
Z-FSS-025280	ID 025 µm	OD 280 µm	Z-FSS-150260	ID 150 µm	OD 260 µm
Z-FSS-025365	ID 025 µm	OD 360 µm	Z-FSS-150280	ID 150 µm	OD 280 µm
Z-FSS-025370	ID 025 µm	OD 370 µm	Z-FSS-150365	ID 150 µm	OD 360 µm
Z-FSS-030150	ID 030 µm	OD 150 µm	Z-FSS-180260	ID 180 µm	OD 260 µm
Z-FSS-030365	ID 030 µm	OD 365 µm	Z-FSS-180270	ID 180 µm	OD 270 µm
Z-FSS-040130	ID 040 µm	OD 130 µm	Z-FSS180300	ID 180 µm	OD 300 µm
Z-FSS-040150	ID 040 µm	OD 150 µm	Z-FSS-180365	ID 180 µm	OD 360 µm
Z-FSS-040365	ID 040 µm	OD 365 µm	Z-FSS-200280	ID 200 µm	OD 280 µm
Z-FSS-045235	ID 045 µm	OD 235 µm	Z-FSS-200300	ID 200 µm	OD 300 µm
Z-FSS-050150	ID 050 µm	OD 150 µm	Z-FSS-200350	ID 200 µm	OD 350 µm
Z-FSS-050190	ID 050 µm	OD 190 µm	Z-FSS-200365	ID 200 µm	OD 360 µm
Z-FSS-050200	ID 050 µm	OD 200 µm	Z-FSS-220350	ID 220 µm	OD 350 µm
Z-FSS-050280	ID 050 µm	OD 280 µm	Z-FSS-220360	ID 220 µm	OD 360 µm
Z-FSS-050365	ID 050 µm	OD 360 µm	Z-FSS-250350	ID 250 µm	OD 350 µm
Z-FSS-060365	ID 060 µm	OD 360 µm	Z-FSS-250365	ID 250 µm	OD 360 µm
Z-FSS-075150	ID 075 µm	OD 150 µm	Z-FSS-250380	ID 250 µm	OD 380 µm
Z-FSS-075190	ID 075 µm	OD 190 µm	Z-FSS-280360	ID 280 µm	OD 360 µm
Z-FSS-075200	ID 075 µm	OD 200 µm	Z-FSS-280390	ID 280 µm	OD 390 µm
Z-FSS-075220	ID 075 µm	OD 220 µm	Z-FSS-320435	ID 320 µm	OD 435 µm
Z-FSS-075240	ID 075 µm	OD 240 µm	Z-FSS-430550	ID 430 µm	OD 550 µm
Z-FSS-075280	ID 075 µm	OD 280 µm	Z-FSS-450660	ID 450 µm	OD 660 µm
Z-FSS-075365	ID 075 µm	OD 360 µm	Z-FSS-530660	ID 530 µm	OD 660 µm
Z-FSS-100165	ID 100 µm	OD 165 µm	Z-FSS-680880	ID 680 µm	OD 880 µm
Z-FSS-100190	ID 100 µm	OD 190 µm	Z-FSS-700850	ID 700 µm	OD 850 µm

