

FUSED SILICA CAPILLARY TUBING

Lightguide offers custom made fused silica capillary tubing for analytical cheminestry, and quartz inserts and caps for optical fiber assemblies.



Lightguide produces and delivers high precision custom-made silica capillary tubing and deliver bulk material on spools. Different OH content grade silica materials available. There are several sample dimensions of capillaries drawn in Polyimide protecting jackets listed below:

- 250/324P//360
- 320/399P//435
- 536/617P//665

Outer diameter (OD)

Inner diameter (ID)

Outer diameter of jacket (OD_j)



Applications

UV to IR application range
Fiber assemblies
High-temperature applications
For use in hazardous environments
Gas and liquid chromatography
Diagnostic devices
Flow control systems
And many more

Technical details

Inner diameter:	50-3000 mkm
Wall thickness:	50-1000 mkm
Tolerance:	as agreed with the client
End finish:	Cleaved or polished
Jacket options:	Polyimide (-190°C to +390°C), Acrylate (-40°C to +85°C), Tefzel (-40°C to +150°C), Nylon (-40°C to +100°C), None