

Company

UV/VIS Quartz/Quartz Fibers
VIS/IR Quartz/Quartz Fibers
Quartz/Quartz Tapered Fibers

Fiber Bundles
Laser Fibers
Fiber rods

Hard Plastic Clad Silica Fibers
Medical Laser Delivery Systems
Side Light Quartz Fibers

Plastic Clad Silica Fibers
Silica Image Fibers
Fused Silica Capillaries

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Applica-
tions

ISO 9001
+ 13485
certificate

Fused Silica Capillaries

Features

- High strength capillaries
- UV and IR optical quality available
- Pressure resistant
- Polyimide coating for high temperature and harsh chemicals
- Smooth inner surface

Pagenavigation

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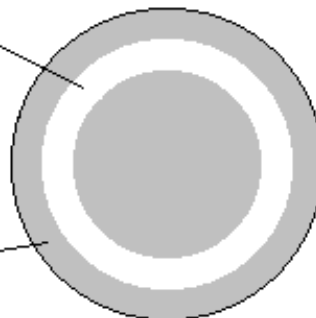
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Fiber design

Pure fused silica tube

Polyimide coating
(-190°C to 385°C)



Fiber properties

- Inner diameters: 50 µm to 2000 µm
- Wall thickness: 30 µm to 1000 µm
- Diameter tolerances: to ± 2% (Inner diameter)
- Length: 1 m to 10 km (depends on diameter)
- End preparation: cut, cleaved or polished
- Outer diameters tolerances ± 5%

Options

- Polyimide coating (-190°C to 385°C)
- Acrylate coating (-40°C to 85°C)
- Silicone coating (-40°C to 180°C)
- Capillary bundles

Applications

- Electrophoresis
- Chromatography
- Fiber coupling
- Fiber splices
- Fiber-optic components
- High pressure miniature tubes
- X-Ray optics

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