

Optube™ CT, Optube™ CTH

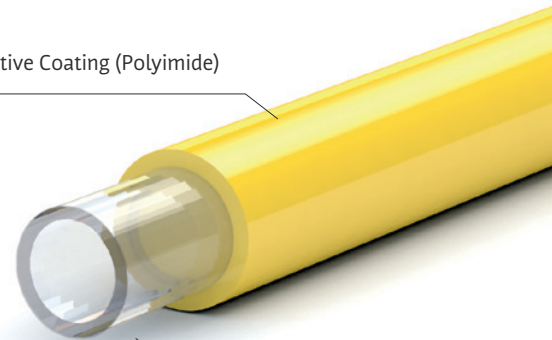
Flexible Silica Capillary Tubing

CeramOptec®'s innovative Optube™ flexible silica capillary tubing offers the highest temperature capability in the industry at 400 °C (Optube™ CTH). With impressive tensile strength and pressure resistance, Optube™ CT and CTH are ideal for several applications, from gas chromatography to electrophoresis. We offer our high quality capillary tubing in a variety of sizes, as well as custom designs to meet your specifications.

Advantages

- Temperature resistance to 375 °C (Optube CT) and 400 °C (Optube CTH)
- Pressure resistant to 4500 psi
- Chemical resistance (polyimide coating)
- Smooth inner surface
- Pure, synthetic fused silica
- High OH content for easy surface bonding to siloxanes
- Standard proof test: 100 kpsi
- Intrinsic strength > 600 kpsi

Jacket
Protective Coating (Polyimide)



Pure, Synthetic Fused
Silica Tubing

Technical data

Inner diameters	> 10 to 2500 µm
Wall thickness	> 10 µm to 1 mm
End finish	Cleaved or polished
Diameter tolerance	To ± 5 %

Applications

First choice for applications including gas chromatography, liquid chromatography, electrophoresis, precision casting inserts and many more.

Headquarter

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