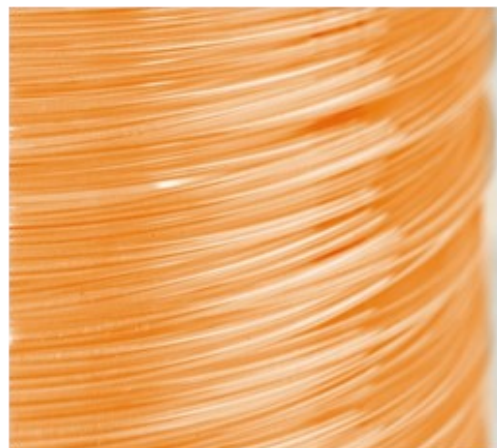
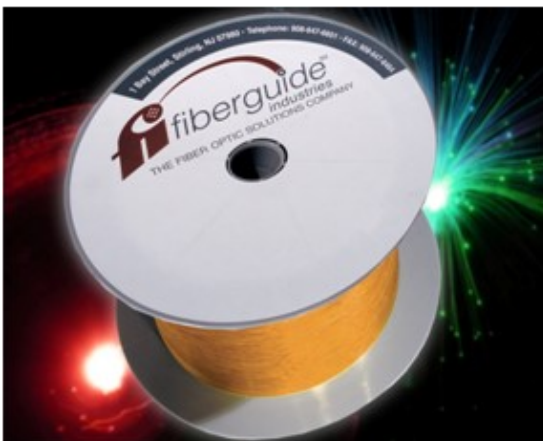


# Fused Silica Capillary Tubing

## General Specifications

- ◇ Standard Polyimide Coating
- ◇ Synthetic Fused Silica
- ◇ 100% Proof Tested for Strength
- ◇ Operation to 350°C



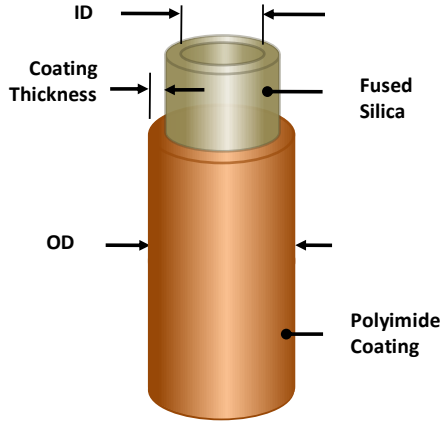
Features	Benefits
Inert surfaces and high purity	Higher phase stability
Peak mechanical stability	Greater yield, more cost-efficient
Superior thermal capacity	Improved deactivation
Greatest flexibility	Smaller radii during coiling ( non-kinking )
High tensile strength ( >600kpsi )	Very strong and flexible
Impervious to chemicals	Usage in harsh environments
Mirror smooth inner surface	Stable laminar flow profiles and good adherence
Pressure resistant to 4500psi	Precision control of liquid and gas flow rates
High OH content	Easy surfacing bonding to siloxanes
Wide range of internal and external diameters	Selection that best suits flow rate requirements
Tight tolerances	Dimensionally stable over long lengths
Easily cleaved or cut	Provides for adjusting column length needed for interfacing
High dielectric strength	Ample isolation for the high voltages ( up to 30kV ) used in CE
Polyimide coating	Durable and abrasion resistant

# Fused Silica Capillary Tubing

## FIBERGUIDE INDUSTRIES Customization Program

Fiberguide Industries is a full service custom fiber and value-added assembly provider. If you have unique requirements,

Please contact us to discuss tailoring a product or design to optimize optical performance for your specific application.



- ◇ **Standard polyimide coating**
- ◇ **Synthetic fused silica**
- ◇ **100% proof tested for strength**
- ◇ **Operation up to 350°C**

Part Number Standard Polyimide Coating	I.D. ( $\mu\text{m}$ )	O.D. ( $\mu\text{m}$ )	Coating Thickness ( $\mu\text{m}$ ) Nom. per Side
CAP015/150/24T	015 $\pm$ 02	150 $\pm$ 06	12
CAP015/363/40T	015 $\pm$ 02	363 $\pm$ 10	20
CAP020/090/24T	020 $\pm$ 02	90 $\pm$ 06	12
CAP020/150/24T	020 $\pm$ 02	150 $\pm$ 06	12
CAP020/363/40T	020 $\pm$ 02	363 $\pm$ 10	20
CAP025/150/24T	025 $\pm$ 02	150 $\pm$ 06	12
CAP025/363/40T	025 $\pm$ 02	363 $\pm$ 10	20
CAP030/150/24T	030 $\pm$ 02	150 $\pm$ 06	12
CAP030/363/40T	030 $\pm$ 02	363 $\pm$ 10	20
CAP040/105/24T	040 $\pm$ 03	105 $\pm$ 06	12
CAP040/150/24T	040 $\pm$ 03	150 $\pm$ 06	12
CAP040/363/40T	040 $\pm$ 03	363 $\pm$ 10	20
CAP050/150/24T	050 $\pm$ 03	150 $\pm$ 06	12
CAP050/186/32T	050 $\pm$ 03	186 $\pm$ 06	16
CAP050/363/40T	050 $\pm$ 03	363 $\pm$ 10	20
CAP075/150/24T	075 $\pm$ 03	150 $\pm$ 06	12
CAP075/193/24T	075 $\pm$ 03	193 $\pm$ 07	12
CAP075/363/40T	075 $\pm$ 03	363 $\pm$ 10	20
CAP100/164/24T	100 $\pm$ 04	164 $\pm$ 06	12
CAP100/193/24T	100 $\pm$ 04	193 $\pm$ 07	12
CAP100/238/32T	100 $\pm$ 04	238 $\pm$ 07	16
CAP100/363/40T	100 $\pm$ 04	363 $\pm$ 10	20
CAP150/363/40T	150 $\pm$ 04	363 $\pm$ 10	20
CAP180/360/36T	180 $\pm$ 06	360 $\pm$ 10	18
CAP200/360/36T	200 $\pm$ 06	360 $\pm$ 10	18
CAP250/360/36T	250 $\pm$ 06	360 $\pm$ 10	18
CAP320/435/36T	320 $\pm$ 06	435 $\pm$ 10	18
CAP450/673/48T	450 $\pm$ 06	673 $\pm$ 15	24



Certified to  
ISO 9001:2008



TÜVRheinland®  
Precisely Right.