

# Thick Wall Flexible Fused Silica Capillary Tubing

- TSP: Standard Polyimide Coating

## Standard Capillary Tubing Sizes

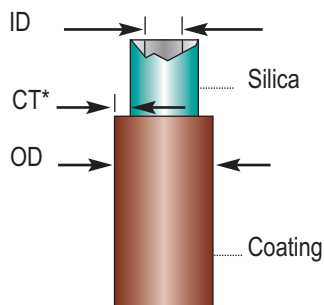
Product Descriptor	ID μm	OD μm	CT* μm
TSP150655	150 ± 6	665 ± 15	24
TSP200665	200 ± 6	665 ± 15	24
TSP250665	250 ± 6	665 ± 15	24
TSP300665	300 ± 6	665 ± 15	24

\* CT is Coating Thickness per side; value is nominal.

Polymicro Technologies now offers a new line of thick walled capillary tubing with our proven, durable, polyimide coating.

This new line was designed specifically to give the user added strength and improved performance in packed capillary liquid chromatography columns, thereby eliminating the need to employ thin walled gas chromatography tubing as the column substrate. The product is an excellent alternative to the more expensive, difficult to cut, PEEK jacketed capillary. As with all Polymicro capillary products, it can be used across a broad range of other applications and markets.

The initial product offering includes four standard sizes, all with a common OD of 665μm. ID's vary from 150μm up to 300μm. Custom sizes of thick wall tubing can be produced. Polymicro can provide precision cleaved pieces to minimize dead volumes in your chromatographic application. Contact our Technical Sales department to discuss your exact application requirements.

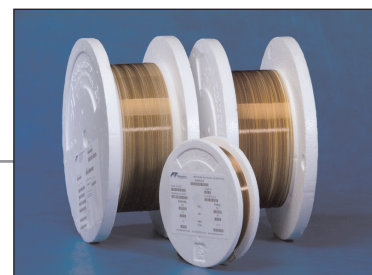


## TSP Characteristics

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

## Key Product Advantages

- ◀ Thick wall provides added mechanical strength during and after column packing.
- ◀ Exacting ID tolerances minimize column-to-column variations.
- ◀ Durable polyimide provides good chemical and abrasion resistance.
- ◀ Easily cleaved to any desired length.



## Explore Our Other Unique Capillary Products and Capabilities

- ◀ Custom ID & OD sizes and tolerances
- ◀ Internal and external coatings
- ◀ Shaped cross-sectional geometries
- ◀ Precision cleaving
- ◀ Laser cutting
- ◀ Windowing
- ◀ Custom arrays and assemblies

## Product Catalog Available Online

Polymicro Technologies' product catalog reviews the history, production, and properties of quartz and silica, as well as detailed product information and datasheets in PDF format for your convenience. Go to [www.polymicro.com](http://www.polymicro.com) to see how our capillary tubing products can address your application needs.

- Flexible Capillary
- Multimode Optical Fiber
- Specialty Assemblies
- Micro-Components

**Polymicro**  
TECHNOLOGIES

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