

Flexible Fused Silica Capillary Tubing

- TSH: UV Transparent Coating

TSH Standard Products

Product Descriptor	ID μm	OD μm	CT* μm
TSH050375	050 \pm 03	363 \pm 10	20
TSH075375	075 \pm 03	363 \pm 10	20
TSH100375	100 \pm 04	363 \pm 10	20

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

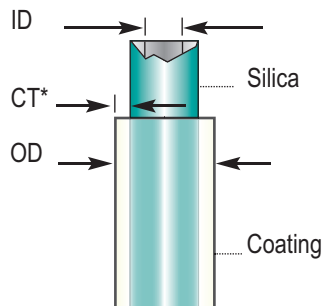
Polymicro Technologies' TSH series is a UV transparent capillary tubing product line. This tubing is made with a novel Fluoro-polymer external coating.

The TSH capillary series was designed to offer an alternative to the popular TSU series. The TSH is more abrasion resistant and offers unique solvent resistance properties. The Fluoro-polymer coating exhibits a low UV absorbance when compared to the TSP series. The transmission of this unique coating at 310nm is greater than 10%, which is typically sufficient for photo-initiation of reactions inside of the capillary. These transmission characteristics make this tubing an option for many monolithic column chemistries. Further, fluorescence detection within the capillary is possible; although some background fluorescence of the coating may occur. As with all Polymicro capillary products, it can be used across a broad range of applications and markets.

Custom sizes and tolerances can be produced. Contact our Technical Sales department to discuss your exact application requirements.

Online Ordering

The above TSH standard products are available for immediate online ordering in quantities of 10m, 25m, or 50m. Go to www.polymicro.com to buy your capillary tubing today.



TSH Characteristics

- ◀ UV transparent coating
- ◀ Synthetic fused silica
- ◀ Operation up to 125°C
- ◀ Low fluorescence background

TSH Product Options

- ◀ Custom ID & OD sizes
- ◀ Custom internal coatings
- ◀ Precision cleaved pieces



Explore Our Other Unique Capillary Products and Capabilities

- ◀ Custom ID & OD sizes and tolerances
- ◀ Internal coatings
- ◀ Shaped cross-sectional geometries
- ◀ Precision cleaving
- ◀ Laser cutting
- ◀ 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 to see how our capillary tubing products can address your application needs.

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

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