

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [1068150027](#)  
**Status:** **Active**  
**Overview:** Polymicro Capillary Tubing  
**Description:** Polymicro Flexible Fused Silica Capillary Tubing, Inner Diameter 320µm, Outer Diameter 450µm, TSP320450

**Documents:**

[Datasheet \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

**General**

Product Family	Capillary Tubing
Series	106815
Application	Industrial, Medical, Research, Scientific, and other
Application Notes and Articles	<a href="http://www.molex.com/polymicro/literature.html">www.molex.com/polymicro/literature.html</a>
Capillary Configurator	<a href="http://www.molex.com/polymicro/capillaryconfigurator.html">www.molex.com/polymicro/capillaryconfigurator.html</a>
Capillary Series	TSP
Catalog	<a href="http://www.molex.com/polymicro/catalog.html">www.molex.com/polymicro/catalog.html</a>
Overview	<a href="#">Polymicro Capillary Tubing</a>
Polymicro	Yes
Product Name	Standard
Type	Capillary Tubing
UPC	883906647001

**Physical**

Coating Thickness per Side	18µm nominal
Cutting Style	Laser Cut, Precision Cleave, Saw Cut, Standard Cleave
Internal Diameter	320µm
Internal Diameter Tolerance	± 6µm
Material - Coating	Standard Polyimide
Material - Tubing	Synthetic Fused Silica
Net Weight	0.132/g
Outer Diameter	435µm
Outer Diameter Tolerance	± 10µm
Packaging Type	Spool
Proof Tested @ Minimum 100kpsi	100% for Strength
Temperature Range - Operating	-65° to +350°C
Tubing Length	10.0m minimum

**Material Info**

Engineering Number	2000027
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*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[106815 Series](#)

**Use With**

[www.molex.com/polymicro/capillarytubingaccessories](http://www.molex.com/polymicro/capillarytubingaccessories)

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