

Part Number : 1068150027

Series Number : 106815

Product Category : Capillary Tubing

Product Description : Polymicro Flexible Fused Silica Capillary Tubing, Inner Diameter 320µm, Outer Diameter 450µm, TSP320450

Status : Active

Engineering Number : 2000027

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)8585-DC (23 Jan 2024)
EU RoHS	Compliant per EU 2015/863

### Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

### Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

### EU RoHS Certificate of Compliance

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## Part Details

### General

Status	Active
Category	Capillary Tubing
Series	106815

Description	Polymicro Flexible Fused Silica Capillary Tubing, Inner Diameter 320 $\mu$ m, Outer Diameter 450 $\mu$ m, TSP320450
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>
Product Family	Polymicro Capillary Tubing
Product Name	Standard
Type	Capillary Tubing
UPC	883906647001

## Physical

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

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## Use with Part(s)

Description	Part Number
Use With	<a href="http://www.molex.com/polymicro/capillarytubingaccessories">www.molex.com/polymicro/capillarytubingaccessories</a>

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