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**Part Number:** [1068150140](#)  
**Status:** **Active**  
**Overview:** Polymicro Technologies Capillary Tubing  
**Description:** Polymicro Technologies Deep-UV Flexible Fused Silica Capillary Tubing, Inner Diameter 100µm, Outer Diameter 375µm, TSU100375

**Documents:**

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

**General**

|                                |                                                                    |
|--------------------------------|--------------------------------------------------------------------|
| Product Family                 | Capillary Tubing                                                   |
| Series                         | <a href="#">106815</a>                                             |
| Application                    | Industrial, Medical, Research, Scientific, and other               |
| Application Notes and Articles | <a href="#">www.molex.com/polymicro/literature.html</a>            |
| Capillary Configurator         | <a href="#">www.molex.com/polymicro/capillaryconfigurator.html</a> |
| Capillary Series               | TSU                                                                |
| Capillary Tubing               | Yes                                                                |
| Catalog                        | <a href="#">www.molex.com/polymicro/catalog.html</a>               |
| Overview                       | <a href="#">Polymicro Technologies Capillary Tubing</a>            |
| Polymicro                      | Yes                                                                |
| Product Literature Order No    | 987651-3171                                                        |
| Product Name                   | Deep-UV Transparent                                                |
| Type                           | Capillary Tubing                                                   |
| UPC                            | 883906647384                                                       |

**Physical**

|                                |                               |
|--------------------------------|-------------------------------|
| Coating Thickness per Side     | 15µm nominal                  |
| Cutting Style                  | Precision Cleave              |
| Internal Diameter              | 100µm                         |
| Internal Diameter Tolerance    | ± 4µm                         |
| Material - Coating             | Deep-UV Flexible Fused Silica |
| Material - Tubing              | Synthetic Fused Silica        |
| Net Weight                     | 0.198/g                       |
| Outer Diameter                 | 363µm                         |
| Outer Diameter Tolerance       | ± 10µm                        |
| Packaging Type                 | Spool                         |
| Proof Tested @ Minimum 100kpsi | 100% for Strength             |
| Temperature Range - Operating  | -65°C to +350°C               |
| Tubing Length                  | 5.0m minimum                  |

**Material Info**

|                    |         |
|--------------------|---------|
| Engineering Number | 2000140 |
|--------------------|---------|



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/01/2018 (15  
January 2018)

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product  
environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any  
non-product compliance questions.

|                 |               |
|-----------------|---------------|
| China ROHS      | Green Image   |
| ELV             | Not Relevant  |
| RoHS Phthalates | Not Contained |

**Search Parts in this Series**

[106815](#) Series

**Use With**

<a href="http://www.molex.com/polymicro/capillarytubingaccessories"> Ferrules,  
Sleeves, Unions, and Y-Splitters</a>

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