Polymicro Technologies offers a line of square cross-section, flexible fused silica capillary tubing with a durable polyimide coating.

Custom configurations or alternate buffer coatings can be made available on special order.

**Advantages**
- Eliminates the need to correct for the optical effect of curved capillary surfaces in Capillary Electrophoresis, Flow Cytometry and other capillary based detection devices.
- Offers larger effective internal surface area.
- Flat sides create 27% more volume and 2X the transverse optical interaction path length (using a collimated beam) than that of a round capillary configuration.
- Behaves like a cuvette in standard fluorescent sensing devices such as those used in Flow Cytometry.
- With polyimide coating WWP capillary will seal in most fittings designed for Polymicro capillary tubing products.
- The glass substrate is the same high purity synthetic fused silica used in Polymicro’s wide range of standard capillary products (i.e. TSP series); as a result, one can expect equivalent surface chemistries.

**Square Flexible Fused Silica Capillary Tubing**

**WWP: Square ID / Square OD**

**WWP Characteristics**
- Standard Polyimide Coating
- Synthetic Fused Silica
- High Strength
- Operation up to 350°C
  Intermittent up to 400°C

**Square Capillary Tubing Sizes**

<table>
<thead>
<tr>
<th>Product Descriptor</th>
<th>ID* (µm)</th>
<th>Glass OD* (µm)</th>
<th>Total OD* (µm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>WWP050375</td>
<td>050 ± 05</td>
<td>300</td>
<td>363 ± 15</td>
</tr>
<tr>
<td>WWP075375</td>
<td>075 ± 05</td>
<td>300</td>
<td>363 ± 15</td>
</tr>
<tr>
<td>WWP100375</td>
<td>100 ± 05</td>
<td>300</td>
<td>363 ± 15</td>
</tr>
</tbody>
</table>

* Measured flat-to-flat.