Multi-core Planar Tube

Characteristics

- This flexible, multi-core tube is made of polyurethane (UQ) or soft polyurethane (UCQ).
- The multi-core tube is suitable for air supply to multiple drives.
- For the black 2 core tube, the discernment line is printed on one tube to prevent a piping mistake.
- The useful cut marks on every 500mm are printed.
- Tubes with 3-6 Cores, different type of Arrangement (Parallel or Pyramid Type) and 10-Color Selection are available as make-to-order products.

### Specifications of UQ

<table>
<thead>
<tr>
<th>Model</th>
<th>UQ03</th>
<th>UQ04</th>
<th>UQ06</th>
<th>UQ08</th>
<th>UQ10</th>
<th>UQ12</th>
</tr>
</thead>
<tbody>
<tr>
<td>O.D.x.I.D. (mm)</td>
<td>3×2</td>
<td>4×2.5</td>
<td>6×4</td>
<td>8×5</td>
<td>10×6.5</td>
<td>12×8</td>
</tr>
<tr>
<td>Tube length</td>
<td>20</td>
<td>100</td>
<td>20</td>
<td>100</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tube color</td>
<td>Black (B)</td>
<td>Red (R)</td>
<td>Orange (O)</td>
<td>Yellow (Y)</td>
<td>Green (G)</td>
<td>Blue (BU)</td>
</tr>
<tr>
<td>Available</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
</tbody>
</table>

### Specifications of UCQ

<table>
<thead>
<tr>
<th>Model</th>
<th>UCQ04</th>
<th>UCQ06</th>
<th>UCQ08</th>
<th>UCQ10</th>
<th>UCQ12</th>
</tr>
</thead>
<tbody>
<tr>
<td>O.D.x.I.D. (mm)</td>
<td>4×2.5</td>
<td>6×4</td>
<td>8×5</td>
<td>10×6.5</td>
<td>12×8</td>
</tr>
<tr>
<td>Tube length</td>
<td>20</td>
<td>100</td>
<td>20</td>
<td>100</td>
<td></td>
</tr>
<tr>
<td>Tube color</td>
<td>Clear black (CBL)</td>
<td>Clear orange (CO)</td>
<td>Clear blue (CB)</td>
<td>Transparent (C)</td>
<td></td>
</tr>
<tr>
<td>Available</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td></td>
</tr>
</tbody>
</table>

### Tube color

**UQ**
- Black (B)
- Red (R)
- Orange (O)
- Yellow (Y)
- Green (G)
- Blue (BU)
- Milky white (W)

**UCQ**
- Clear black (CBL)
- Clear orange (CO)
- Clear blue (CB)
- Transparent (C)

* Tube color selection with marking △ is available as a make-to-order product.

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1. Surge pressure must be controlled lower than max. operating pressure when using water as a fluid medium.
2. Use with the Insert Ring when using water as a fluid medium.
3. Tap water can be used. Consult with PISCO for using other kinds of water.
4. The value of max. operating pressure is measured at 20°C and 65%RH. When Tubes are used in different conditions, consider a safety ratio of the pressure with an enough margin, referring to Burst Pressure Curve.
5. Color combinations other than black are available as make-to-order products.
### Producible core numbers & arrangement as make-to-order products

<table>
<thead>
<tr>
<th>Equal tube dia.</th>
<th>Unequal tube dia. (Special-made)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>3 cores</strong></td>
<td><strong>2 cores</strong></td>
</tr>
<tr>
<td><strong>4 cores</strong></td>
<td></td>
</tr>
<tr>
<td><strong>5 cores</strong></td>
<td></td>
</tr>
<tr>
<td><strong>6 cores</strong></td>
<td></td>
</tr>
</tbody>
</table>

- **Pyramidal arrangement**: 3, 4, and 6 cores (Special-made)
- **Square arrangement**: 3 and 4 cores only (Pyramidal arrangement only)

### Burst Pressure Curve (Reference Value)

![Burst Pressure Curve](chart)

### Detailed Safety Instructions

Before using the PISCO products, be sure to read the "Safety Instructions", "Common Safety Instructions for Products in This Catalog" on page 13 to 16 and "Common Safety Instructions for Tubes" on page 66.

**Caution:** When the tubes are difficult to split into each core, cut the tube edge between each core around 5mm with a cutter.

### Package specification

- **100M lengths/box**: Applicable to Tubes that are available in 100m. Refer to "Tube dia. and max. length" table on previous page.

### Re:RS

The products listed in this page are ECO-friendly products.

* Please refer to page 4 for the details of ECO-friendly products.

<table>
<thead>
<tr>
<th>Model code</th>
<th>Model code</th>
</tr>
</thead>
<tbody>
<tr>
<td>UQ03-3F-(6-6-6)</td>
<td>UQ04-3F-(6-6-6)</td>
</tr>
<tr>
<td>UQ04-2F-(6-6)</td>
<td>UQ05-2F-(6-6)</td>
</tr>
</tbody>
</table>

- **3 cores**
- **4 cores**
- **5 cores**
- **6 cores**

* Replaced with Tube length

* Replaced with Tube color code.

* The combination of Black color with 2 cores is the only standard item and the other colors are available as a make-to-order product.

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**Instructions for Tubes**

1. When the tubes are difficult to split into each core around 5mm with a cutter.

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**Operating temperature (ºC)**

<table>
<thead>
<tr>
<th>Value</th>
<th>Reference Curve</th>
</tr>
</thead>
<tbody>
<tr>
<td>75</td>
<td></td>
</tr>
</tbody>
</table>

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**Pressure burst**

![Pressure burst](chart)

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**ECO-friendly products**

- Please refer to page 4 for the details of ECO-friendly products.