New type “PILAFLON® QUARTZ FITTING” improved, will not come off, withstand high temperature, clean, sealing performance and satisfy performance required for Semi-Condutor industries.

### Design Feature

<table>
<thead>
<tr>
<th>Max Operating Temp</th>
<th>Max Operating Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>200°C</td>
<td>0.4 MPa (4 kgf/cm²)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Temperature</th>
<th>°C</th>
<th>0 ~ 60</th>
<th>61 ~ 100</th>
<th>101 ~ 200</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pressure</td>
<td>MPa (kgf/cm²)</td>
<td>0.4 (4)</td>
<td>0.2 (2)</td>
<td>0.1 (1)</td>
</tr>
</tbody>
</table>

### Special Feature

- **High safety**
  For quartz tube side, the stopper is effective to prevent slip out and the ferrule keep high sealing. For PFA tube side, SUPER-FITTING offers high performance.

- **Excellent chemical resistance**
  Can be used in fluids of almost any conceivable.

- **Clean**
  Liquid pocket is very few, clean piping is available.
### Assembling

**Insertion of quartz tube**

Composed of PILLAR QUARTZ-FITTING, stopper ring, body, ferrule and nut as shown on Fig 1.

Installation method is:
1. Run the quartz tube through the nut.
2. Put the stopper ring into the groove of quartz tube.
3. Insert the ferrule taking care of its correct direction.
4. Nut should be hand turned strongly and turned half turn by spanner. (Don’t turn over)

**Insertion of PFA tube**

Composed of fitting, sleeve and union nut as shown on Fig 1.

Installation method is:
1. Run the tube through union nut.
2. Insert the sleeve to tube.
3. Nut should be hand turned strongly and turned one turn by spanner. (Don’t turn over)

### Fig-3 Q-RU

**Q-RU**

- **Q-RU** means width of surface distance

### Fig-4 Q-RUE

**Q-RUE**

* Specifications and dimensions are subject to change without prior notice.
* The data on this catalogue are solely for your reference and are not to be construed as constituting a warranty.

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**CAUTION**

Road through and follow the instructions on the manual before installation and operation for your safety.