New CUBE CUPULA

In all five color variations to prevent piping mistakes.

Specifications and designs are subject to change at any time without notice.

Safety Guide
Read without fail and observe the following pages in the general Quick Connect Couplings Catalog (Cupla Cula) page. [Precautions Relating to the Use of All Cupla] page, “Cupla for Low Pressure (Air)” and “Cupla for Hose Tubs (Male thread)” and for Medium Pressure” in the [Safety Guide] page.

Resin (PMMA) such as the main body... Conforms to article No.3-D-1 (6) and has passed both material and elution tests specified in the Food sanitation Act and the standards For Food and Food additives (Notice No. 370 of 1959 issued by the Ministry of Health and Welfare of Japan). Conforms to article No.3-D-2-(2)-2 and has passed both material and elution tests specified in the Food sanitation Act and the standards For Food and Food additives (Notice No. 370 of 1959 issued by the Ministry of Health and Welfare of Japan). Silicon type gasket (NSF H1, NSF 61 registered product) is applied to the sealing material. The Cupla should be evaluated before use to determine the suitability with applications that require sanitation control.

Focused on you
Nitto Kohki Co., Ltd.

Head Office
9-4, Nakaakigami 2-chome, Hita-shi, Oita 875-0014, Japan
Tel: +81-097-832-1111 Fax: +81-097-832-1111
E-mail: overseas@nitto-kohki.co.jp

Distributed by

Material that conforms to the Food sanitation Act of Japan is adopted. The Cupla should be evaluated before use to determine the suitability with applications that require sanitation control.
**Push-to-connect operation**

Just push the buttons.

**The weight is about...**

1/5

**To prevent misconnection of piping**

Connect without hesitation at a glance.

It is also possible to check colors after connection.

**Application example**

Air piping of muscle compression machines for training.

Ink piping and cooling water piping of commercial inkjet printers.

For air piping of office automation equipment, measuring and analyzing fields, etc.

**5 colors**

**Small size**

Lightweight made of resin

(Our products with similar working pressure / flow rate)

**Push button easy disconnection**

2 places on the socket side.

**Compared with products of the same specification**

Select the combination of models suitable to your applications.

<table>
<thead>
<tr>
<th>Combination capability</th>
<th>Plug</th>
<th>Without</th>
</tr>
</thead>
<tbody>
<tr>
<td>Valve</td>
<td>With</td>
<td>Net connectable</td>
</tr>
<tr>
<td></td>
<td>With</td>
<td>One-way shut-off</td>
</tr>
<tr>
<td></td>
<td>Without</td>
<td>Two-way shut-off</td>
</tr>
</tbody>
</table>

**Specifications**

- **Max. Tightening Torque**
  - Nm (kgf-cm)
  - Nm (kgf-cm)

- **Flow direction**

  Fluid flow can be bi-directional when socket and plug are connected.

- **Interchangeability**

  Can be connected with plug and socket for Cube Cupla of the same type regardless of end configurations. However, built-in valve sockets cannot be connected with valveless plugs. The valve of the socket will not open and fluid will not flow.

- **Min. Cross-Sectional Area**

- **Suitability for Vacuum**

  53.0kPa (400mmHg)

- **Pressure - Flow Characteristics**

  (The flow rate does not differ by each body color)

<table>
<thead>
<tr>
<th>Model</th>
<th>Plug (Socket)</th>
<th>SPC-04PH</th>
<th>SPC-04PHL</th>
<th>SPC-04PHL-VL</th>
<th>SPC-06PH</th>
<th>SPC-06PHL</th>
<th>SPC-06PHL-VL</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>SPC-04PH-1/8</td>
<td>5</td>
<td>2</td>
<td>5</td>
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<td>SPC-04PHL-1/8</td>
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<td>8.6</td>
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<td>5</td>
<td>8.6</td>
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<tr>
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<td>SPC-04SH-1/8</td>
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<td>10.2</td>
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</tr>
</tbody>
</table>

**Check the compatibility of the seal material with the type of fluid and temperature used in the application.**

**Working pressure**

1.0 MPa (10kgf/cm2)