

# Tube Fitting Stainless SUS303 Equivalent Corrosivity Minimal Series

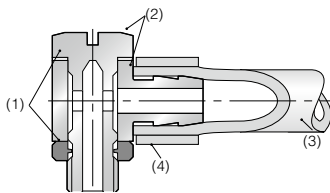
## Characteristics

- Barb fitting made of SUS303 equivalent, which is highly resistant to corrosion.
- This ultra small barb fitting is best suitable for requiring corrosive resistance or use in chemical atmosphere where space-saving piping is required.

## Specifications

Fluid medium	<b>Air</b>
Max. operating pressure	<b>72psi (0.5MPa)</b> <b>58psi (0.4MPa)</b> (with vacuum tube)
Max. vacuum	<b>-29.5in. Hg (-100kPa)</b>
Operating temp. range	<b>32 ~ 140°F (0 ~ 60°C)</b> (No freezing)

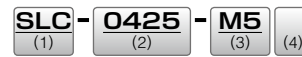
## Construction



No	Parts	Material
(1)	Gasket	PPS
(2)	Metallic body	Special stainless steel*
(3)	Tube	Vacuum Tube or Tube with Clean-room pkg.
(4)	Tube clamp sleeve	FPA (Option)

\* The corrosive resistance is equivalent to SUS303.

## Model Designation (Example)



- (1) Type  
(2) Tube dia. (øD (O.D./I.D.))

	mm size		
Code	<b>0320</b>	<b>0425</b>	<b>0640</b>
O.D.	ø3	ø4	ø6
I.D.	ø2	ø2.5	ø4

Thread size (T<sub>1</sub>)

	Metric thread		
Code	<b>M3</b>	<b>M5</b>	<b>FM5</b>
Size	M3×0.5 (Male thread)	M5×0.8 (Male thread)	M5×0.8 (Female thread)

(3) Installation thread size (T)

	Metric thread (Male/Female thread)		
Code	<b>M3</b>	<b>M5</b>	<b>M6</b>
Size	M3×0.5	M5×0.8	M6×1

(4) Packaging option

Code	<b>No code</b>	<b>-C</b>
Specification	Standard	Clean-room package

► In case of ordering, please apply Model code in the following 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 Fittings" on page 18 to 19.

⚠ Caution:

1. PPS resin has a characteristic of color change by being exposed to sunlight, fluorescent light, mercury lamp, high temperatures and etc. for a long term. There is no problem on the product performance for the color change.
2. Make sure to insert the barb into a tube up to the barb end. Inadequate insertion may result in the escape of the tube and a fluid leakage.
3. Be sure to place Tube Clamp Sleeve on the edge of outer tube when using Vacuum Tube "UD" with this product. There is a possibility to cause the escape of tube and a fluid leakage without Tube Clamp Sleeve.

**RoHS** The products listed in this page are ECO-friendly products.  
\* Please refer to page 4 for the details of ECO-friendly products.

<b>SLC</b> Barb Straight øD T 	Model code SLC-øD-T <sup>[4]</sup> SLC-0320-M3 <sup>[4]</sup> SLC-0320-M5 <sup>[4]</sup> SLC-0425-M3 <sup>[4]</sup> SLC-0425-M5 <sup>[4]</sup> SLC-0425-M6 <sup>[4]</sup> SLC-0640-M3 <sup>[4]</sup> SLC-0640-M5 <sup>[4]</sup> SLC-0640-M6 <sup>[4]</sup>	<b>SLH</b> Barb Single Banjo øD T 	Model code SLH-øD-T <sup>[4]</sup> SLH-0320-M3 <sup>[4]</sup> SLH-0320-M5 <sup>[4]</sup> SLH-0425-M3 <sup>[4]</sup> SLH-0425-M5 <sup>[4]</sup> SLH-0640-M5 <sup>[4]</sup>	<b>SLB</b> Barb Branch Tee øD T 	Model code SLB-øD-T <sup>[4]</sup> SLB-0320-M3 <sup>[4]</sup> SLB-0320-M5 <sup>[4]</sup> SLB-0425-M3 <sup>[4]</sup> SLB-0425-M5 <sup>[4]</sup> SLB-0640-M5 <sup>[4]</sup>
<b>SLH</b> Female Screw Banjo T <sub>1</sub> T 	Model code SLH-T <sub>1</sub> -T <sup>[4]</sup> SLH-FM5-M5 <sup>[4]</sup>	<b>SLB</b> Female Screw Branch Tee T <sub>1</sub> T 	Model code SLB-T <sub>1</sub> -T <sup>[4]</sup> SLB-FM5-M5 <sup>[4]</sup>	<b>SLG</b> Unequal Barb Union Straight øD <sub>2</sub> øD <sub>1</sub> T 	Model code SLG-øD <sub>1</sub> -øD <sub>2</sub> <sup>[4]</sup> SLG-0425-0320 <sup>[4]</sup> SLG-0640-0425 <sup>[4]</sup>
<b>SLL</b> Female Screw Elbow T <sub>1</sub> T <sub>1</sub> 	Model code SLL-FM <sup>[4]</sup> SLL-T <sub>1</sub> <sup>[4]</sup>	<b>SLE</b> Female Screw Tee T <sub>1</sub> T <sub>1</sub> 	Model code SLE-T <sub>1</sub> <sup>[4]</sup> SLE-FM5 <sup>[4]</sup>	<b>SLN</b> Male Screw Union T T 	Model code SLN-T-T <sup>[4]</sup> SLN-M3-M3 <sup>[4]</sup> SLN-M5-M5 <sup>[4]</sup>
<b>SLP</b> Plug T 	Model code SLP-T <sup>[4]</sup> SLP-M3 <sup>[4]</sup> SLP-M5 <sup>[4]</sup>	<b>LS</b> Tube Clamp Sleeve 	Model code LS-0425 <sup>[4]</sup> LS-0640 <sup>[4]</sup>	⚠ Caution * <sup>[4]</sup> : Replaced with "-C" for Clean-room pkg * Some model codes are offered as make-to-order or special items. Contact Pisco sales office or sales representative for details.	

Package specification  
10 pcs. in a bag