

*Long Life Usage*

# Tubing

	polyurethane Tubing			Teflon Tubing	Polyurethane Tubing	
	TE	P-Flex		TFN		
Heat Resistant					High Temperature Contact	
Media	Compressed Air	Industrial Water	Industrial Water	Compressed Air · Industrial Water	Industrial Water	
Working Temperature Range (°C)	-5~60	5~40	0~80	0~260	5~40	
Max. Working Pressure (MPa)	0.8	0.3	0.3	0.8	0.3	
Max. Burst Pressure (MPa)	3		3	3	3	
	O.D.	I.D.	Model No.		Model No.	
Model No.	4	2		TFN-4		
		2.5	TE-4 x 2.5			
	6	4	TE-6		TFN-6	ALE-6
	8	5	TE-8	8P		ALE-8
		6			TFN-8	
	10	6.5	TE-10	10P		ALE-10
		8			TFN-10	
	12	8	TE-12	12P		ALE-12
10				TFN-12		
16	11	TE-16				

\* The value at a temperature of 20°C(68°F) Please choose dedicated fitting when used industrial water.

# Tubing

	Model No.	Size O.D. x I.D	Min. Turning Radius (mm)	O.D.Min. Tur ning Radius (mm)	Weight (g/m)	Standard		Standard Color	
						20m	100m		
TE	<b>TE-4 x 2.5</b>	4 x 2.5	5	±0.1	9	●	●	Black	Transparent Blue
	<b>TE-6</b>	6 x 4	12		19	●	●	Red	Blue
	<b>TE-8</b>	8 x 5	15		37	●	●	Transparent Red	Yellow
	<b>TE-10</b>	10 x 6.5	25	+0.1 -0.15	55	●	●	Transparent Green	Transparent Yellow
	<b>TE-12</b>	12 x 8	28		76	●	●	Light Green	Orange
	<b>※TE-16</b>	16 x 11	30		127	●	●	Green	White
									※Transparent Green/Transparent Red/Transparent Yellow are not available TE-16

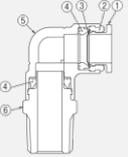
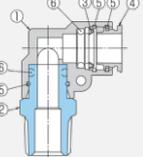
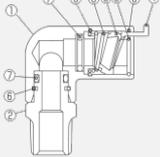
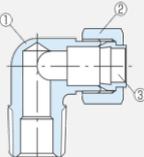
	Model No.	Size O.D. x I.D	Min. Turning Radius (mm)	O.D.Min. Tur ning Radius (mm)	Weight (g/m)	Standard		Standard Color	
						20m	100m		
P-Flex	<b>8P</b>	8 x 5	15	+0.05 -0.2	37	●	●	Transparent Blue	Transparent Pink
	<b>10P</b>	10 x 6.5	25	+0.1 -0.2	55	●	●		
	<b>12P</b>	12 x 8	28		76	●	●		

	Model No.	Size O.D. x I.D	Min. Turning Radius (mm)	O.D.Min. Tur ning Radius (mm)	Weight (g/m)	Standard			Standard Color	
						20m	50m	100m		
Teflon Tubing	<b>TFN-4</b>	4 x 2	30	±0.1	20	●		●	translucent	
	<b>TFN-6</b>	6 x 4	50		30	●		●		
	<b>TFN-8</b>	8 x 6	80		50	●		●		
	<b>TFN-10</b>	10 x 8	120	±0.12	60	●	●			
	<b>TFN-12</b>	12 x 10	200	±0.15	100	●	●			

	Model No.	内管Size O.D. x I.D	Min. Turning Radius (mm)	O.D.Min. Tur ning Radius (mm)	Weight (g/m)	Standard		Standard Color	
						20m	100m		
ALE Tubing	<b>ALE-6</b>	6 x 4	60	±0.1	53	●	●	Black	White
	<b>ALE-8</b>	8 x 5	80		80	●	●	Green	Red
	<b>ALE-10</b>	10 x 6.5	100	+0.1 -0.15	108	●	●	Blue	Yellow
	<b>ALE-12</b>	12 x 8	120		140	●	●		

※Tubing with aluminum film. Peeling outer cover before using.

# FITTINGS

		Fittings				Sleeve Fittings			
		Five		FUJI-V		CK		Sleeve Connector	
		TOUCH CONNECTOR FIVE		TOUCH CONNECTOR FUJI-V		TOUCH CONNECTOR		Sleeve Fitting	
									
									
Parts	①	PBT		C3604BD(Brass)		C3604(Brass)		C3604(Brass)	
	②	PBT		C3604BD(Brass)		C3604(Brass)		C3604(Brass)	
	③	SUS		S210R(phosphor bronze)		Standard:Brass		C3604(Brass)	
	④	NBR		ZDC1(Zinc alloy) Brass plating treatment		ZDC1(Zinc alloy) Brass plating treatment			
	⑤	PBT		SUS304		Polyacetal			
	⑥	C3604BD		Fluorine-Containing Rubber		SUS			
	⑦					NBR			
	⑧					Piano Wire(Trivalent Chromate)			
Media	Compressed Air	Industrial Water	Compressed Air	Industrial Water	Compressed Air	Industrial Water	Compressed Air	Industrial Water	
Working Temperature Range (°C)	-5~60	5~40	-5~60	0~200	-5~60	5~40	-5~60	5~40	
Max. Working Pressure ※The Value at a temperature of 20°C	1 MPa	0.3 MPa	0.8 MPa	1 MPa	1 MPa	0.3 MPa	1 MPa	0.3 MPa	
Features	<ul style="list-style-type: none"> <li>● Standard Type</li> <li>● Body color can be selected from white or black</li> <li>● Metal parts are nickel plated</li> <li>● The resin part is made of flame-retardant resin</li> <li>● The model number is engraved on the main body.</li> </ul>		<ul style="list-style-type: none"> <li>● Adopts a rotating lock ring. Prevents the tube from turning (rotating) and breaking.</li> <li>● Adopts an O-ring seal that is resistant to leakage.</li> <li>● All exterior parts are metal parts. Reduces the risk of being hit and broken when replacing.</li> </ul>		<ul style="list-style-type: none"> <li>● One-touch fitting has the highest level of pull-out strength and durability.</li> <li>● By changing the O-ring and lock ring, a high-temperature specification type of metal tube is possible.</li> </ul>		<ul style="list-style-type: none"> <li>● Can be used with copper pipes by making to order. (See page 6)</li> </ul>		
General Catalog Page	A- 1 ~ 1 9		A- 3 4 ~ 3 9		A- 2 1 ~ 2 7		A- 4 0 ~ 6 4		

\* The value at a temperature of 20°C(68°F) Please choose dedicated fitting when used industrial water.

Please refer to general catalog for size detail



# TOUCH CONNECTOR FIVE

Model	Tubing O.D.	Body Color	Thread T				
			R 1/8	R 1/4	R 3/8	R 1/2	
<b>Straight</b>  	4	Black	F4-01M	F4-02M			
		White	F4-01MW	F4-02MW			
	6	Black	F6-01M	F6-02M	F6-03M		
		White	F6-01MW	F6-02MW	F6-03MW		
	8	Black	F8-01M	F8-02M	F8-03M		
		White	F8-01MW	F8-02MW	F8-03MW		
	10	Black	F10-01M	F10-02M	F10-03M	F10-04M	
		White	F10-01MW	F10-02MW	F10-03MW	F10-04MW	
	12	Black		F12-02M	F12-03M	F12-04M	
		White		F12-02MW	F12-03MW	F12-04MW	
	16	Black			F16-03M	F16-04M	
		White			F16-03MW	F16-04MW	
<b>Straight with HEX Key</b>  	4	Black	F4-01MS				
		White	F4-01MSW				
	6	Black	F6-01MS	F6-02MS			
		White	F6-01MSW	F6-02MSW			
	8	Black	F8-01MS	F8-02MS	F8-03MS		
		White	F8-01MSW	F8-02MSW	F8-03MSW		
	10	Black	F10-01MS	F10-02MS	F10-03MS	F10-04MS	
		White	F10-01MSW	F10-02MSW	F10-03MSW	F10-04MSW	
	12	Black		F12-02MS	F12-03MS	F12-04MS	
		White		F12-02MSW	F12-03MSW	F12-04MSW	
	<b>Elbow</b>  	4	Black	F4-01ML	F4-02ML		
			White	F4-01MLW	F4-02MLW		
6		Black	F6-01ML	F6-02ML	F6-03ML		
		White	F6-01MLW	F6-02MLW	F6-03MLW		
8		Black	F8-01ML	F8-02ML	F8-03ML		
		White	F8-01MLW	F8-02MLW	F8-03MLW		
10		Black	F10-01ML	F10-02ML	F10-03ML	F10-04ML	
		White	F10-01MLW	F10-02MLW	F10-03MLW	F10-04MLW	
12		Black		F12-02ML	F12-03ML	F12-04ML	
		White		F12-02MLW	F12-03MLW	F12-04MLW	
16		Black			F16-03ML	F16-04ML	
		White			F16-03MLW	F16-04MLW	
<b>Long Elbow</b>  	4	Black	F4-01M2L	F4-02M2L			
		White	F4-01M2LW	F4-02M2LW			
	6	Black	F6-01M2L	F6-02M2L			
		White	F6-01M2LW	F6-02M2LW			
	8	Black	F8-01M2L	F8-02M2L	F8-03M2L		
		White	F8-01M2LW	F8-02M2LW	F8-03M2LW		
	10	Black		F10-02M2L	F10-03M2L	F10-04M2L	
		White		F10-02M2LW	F10-03M2LW	F10-04M2LW	
	12	Black		F12-02M2L	F12-03M2L	F12-04M2L	
		White		F12-02M2LW	F12-03M2LW	F12-04M2LW	

Model	Body Color	Tubing O.D.					
		4	6	8	10	12	16
<b>Union Tee</b>  	Black	FR4-00UT	FR6-00UT	FR8-00UT	FR10-00UT	FR12-00UT	FR16-00UT
	White	FR4-00UTW	FR6-00UTW	FR8-00UTW	FR10-00UTW	FR12-00UTW	FR16-00UTW

Model	Body Color	Tubing O.D.					
		4	6	8	10	12	16
<b>Union</b> 	Black	FR4-00U	FR6-00U	FR8-00U	FR10-00U	FR12-00U	FR16-00U
	White	FR4-00UW	FR6-00UW	FR8-00UW	FR10-00UW	FR12-00UW	FR16-00UW
<b>Plug PN</b> 	Black		F6-PN	F8-PN	F10-PN	F12-PN	
	White		F6-PNW	F8-PNW	F10-PNW	F12-PNW	
<b>Plug PL</b> 	Black		F6-PL	F8-PL	F10-PL	F12-PL	
	White		F6-PLW	F8-PLW	F10-PLW	F12-PLW	

## TOUCH CONNECTOR FUJI-V

Model	Tubing O.D.	Thread T			
		R 1/8	R 1/4	R 3/8	R 1/2
<b>Straight</b> 	8	8-01M-V	8-02M-V	8-03M-V	
	10	10-01M-V	10-02M-V	10-03M-V	
	12		12-02M-V	12-03M-V	12-04M-V
<b>Elbow</b> 	8	8-01MLB-V	8-02MLB-V	8-03MLB-V	
	10	10-01MLB-V	10-02MLB-V	10-03MLB-V	
	12		12-02MLB-V	12-03MLB-V	12-04MLB-V
<b>Long Elbow</b> 	8	8-01M2LB-V	8-02M2LB-V	8-03M2LB-V	
	10		10-02M2LB-V	10-03M2LB-V	
	12		12-02M2LB-V	12-03M2LB-V	12-04M2LB-V
<b>Union Tee</b> 	8	8-00UTB-V			
	10	10-00UTB-V			
	12	12-00UTB-V			
<b>L Connector</b> 	8	8-00LCB-V			
	10	10-00LCB-V			
	12	12-00LCB-V			
<b>Straight Connector</b> 	8	HF8-8RC			
	10	HF10-10RC			
	12	HF12-12RC			
<b>Indicator Ring</b>  1 Pack (10 pcs)	8	8-CR-□			
	10	10-CR-□			
	12	12-CR-□			

**[Measures to improve the durability of fluororesin tubes]**

<b>Standard</b>	
<b>Countermeasure products</b>	

※Straight Connector can only be used with the FUJI-V series.

## TOUCH CONNECTOR

Model	Tubing O.D.	Thread T			
		R 1/8	R 1/4	R 3/8	R 1/2
<b>Straight</b> 	4	CKN-4-01	CKN-4-02		
	6	CKN-6-01	CKN-6-02	CKN-6-03	
	8	CKN-8-01	CKN-8-02	CKN-8-03	
	10	CKN-10-01	CKN-10-02	CKN-10-03	CKN-10-04
	12		CKN-12-02	CKN-12-03	CKN-12-04
<b>Elbow</b> 	4	CKL-4-01	CKL-4-02		
	6	CKL-6-01	CKL-6-02	CKL-6-03	
	8	CKL-8-01	CKL-8-02	CKL-8-03	
	10	CKL-10-01	CKL-10-02	CKL-10-03	CKL-10-04
	12		CKL-12-02	CKL-12-03	CKL-12-04
<b>Long Elbow</b> 	4	CKL-4-01-2L	CKL-4-02-2L		
	6	CKL-6-01-2L	CKL-6-02-2L		
	8	CKL-8-01-2L	CKL-8-02-2L	CKL-8-03-2L	
	10		CKL-10-02-2L	CKL-10-03-2L	CKL-10-04-2L
	12		CKL-12-02-2L	CKL-12-03-2L	CKL-12-04-2L
<b>Union</b> 	6	CUN-6-00			
	8	CUN-8-00			
	10	CUN-10-00			
	12	CUN-12-00			
	<b>Union Tee</b> 	6	CUT-6-00		
8		CUT-8-00			
10		CUT-10-00			
12		CUT-12-00			

## Customize

■ Viton specifications  
 By changing the O-ring to Viton, it can handle high-temperature water.  
**[Model No. CKN-6-01-OF Example]**

■ Copper tube specifications  
 Metal pipes can be used by changing the built-in parts.  
**[Model No. CKN-6-01-S Example]**


## Sleeve Connector

Model	Tubing O.D.	Thread T			
		R 1/8	R 1/4	R 3/8	R 1/2
<b>Straight</b> 	4	YPN-4-01	YPN-4-02		
	6	YPN-6-01	YPN-6-02		
	8	YPN-8-01	YPN-8-02	YPN-8-03	
	10	YPN-10-01	YPN-10-02	YPN-10-03	YPN-10-04
	12		YPN-12-02	YPN-12-03	YPN-12-04
<b>Elbow</b> 	4	YPL-4-01	YPL-4-02		
	6	YPL-6-01	YPL-6-02		
	8	YPL-8-01	YPL-8-02	YPL-8-03	
	10	YPL-10-01	YPL-10-02	YPL-10-03	YPL-10-04
	12		YPL-12-02	YPL-12-03	YPL-12-04
<b>Sleeve</b>  <small>1 Pack (10 pcs)</small>	4	Sleeve Φ4			
	6	Sleeve Φ6			
	8	Sleeve Φ8			
	10	Sleeve Φ10			



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