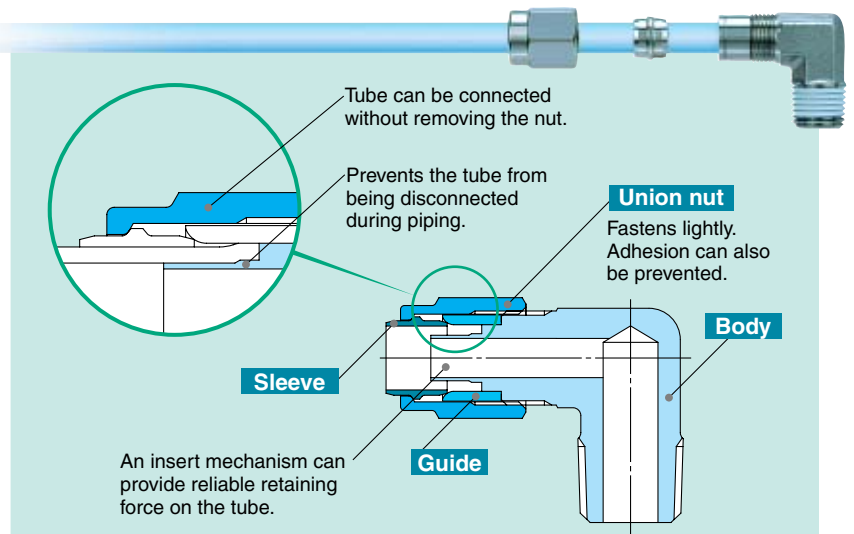
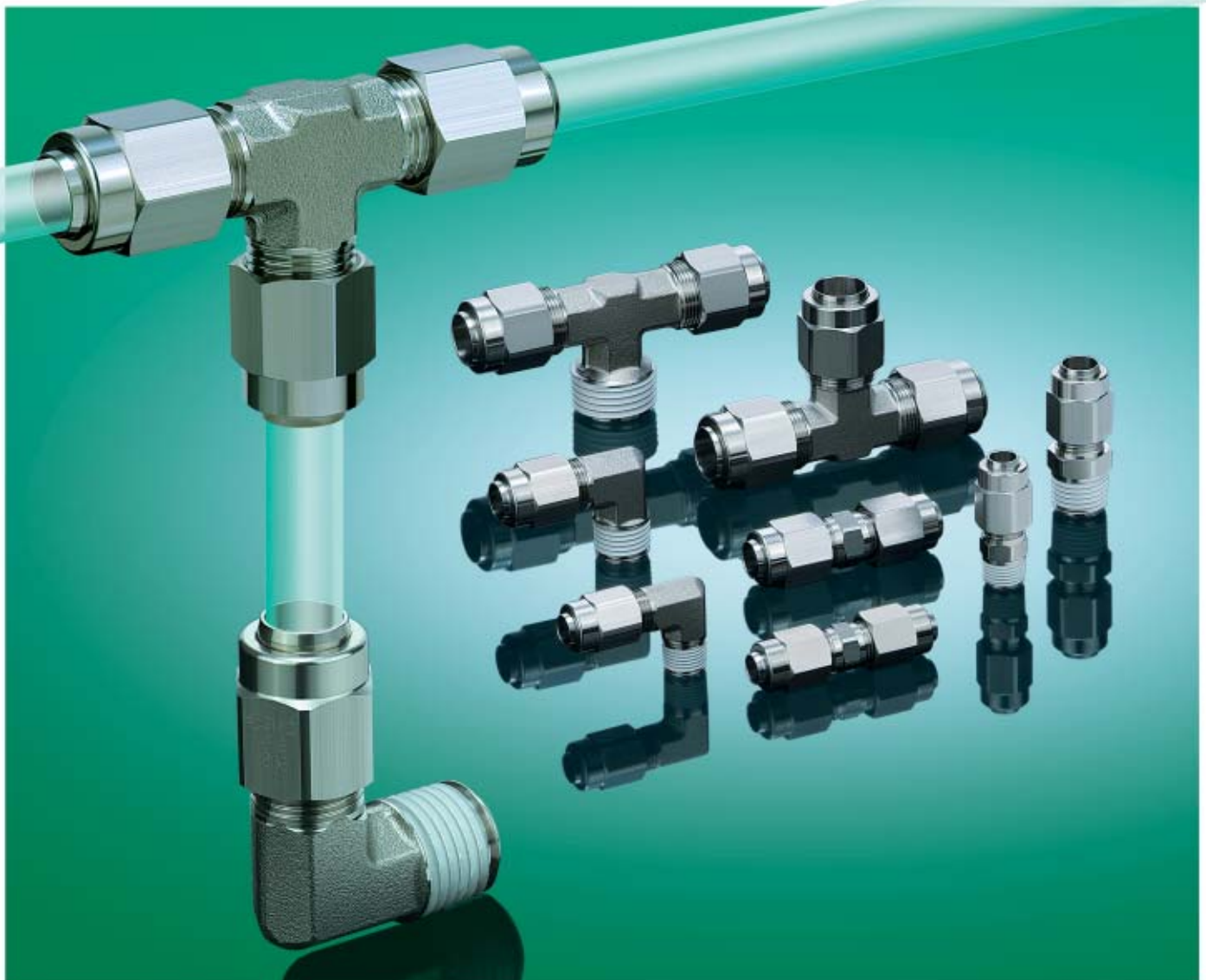


Material: Stainless Steel 316

- Operating fluid temperature
-5 to 150 °C
- Can be used with steam.
- Grease-free
- Applicable tubing material
**FEP, PFA, Nylon, Soft nylon,
Polyurethane, Polyolefin**



Stainless Steel 316 Insert Fittings



Series **KFG**

Male Connector: KFGH

Applicable tubing size		Connection thread	Model
O.D.	I.D.		
ø4	ø2.5	R1/8	KFGH0425-01S
		R1/4	KFGH0425-02S
ø6	ø4	R1/8	KFGH0604-01S
		R1/4	KFGH0604-02S
ø8	ø6	R1/8	KFGH0806-01S
		R1/4	KFGH0806-02S
		R3/8	KFGH0806-03S
ø10	ø7.5	R1/4	KFGH1075-02S
		R3/8	KFGH1075-03S
		R1/2	KFGH1075-04S
ø12	ø9	R1/4	KFGH1209-02S
		R3/8	KFGH1209-03S
		R1/2	KFGH1209-04S



Male Branch Tee: KFGT

Applicable tubing size		Connection thread	Model
O.D.	I.D.		
ø4	ø2.5	R1/8	KFGT0425-01S
		R1/4	KFGT0425-02S
ø6	ø4	R1/8	KFGT0604-01S
		R1/4	KFGT0604-02S
ø8	ø6	R1/8	KFGT0806-01S
		R1/4	KFGT0806-02S
		R3/8	KFGT0806-03S
ø10	ø7.5	R1/4	KFGT1075-02S
		R3/8	KFGT1075-03S
		R1/2	KFGT1075-04S
ø12	ø9	R1/4	KFGT1209-02S
		R3/8	KFGT1209-03S
		R1/2	KFGT1209-04S



Male Elbow: KFGL

Applicable tubing size		Connection thread	Model
O.D.	I.D.		
ø4	ø2.5	R1/8	KFGL0425-01S
		R1/4	KFGL0425-02S
ø6	ø4	R1/8	KFGL0604-01S
		R1/4	KFGL0604-02S
ø8	ø6	R1/8	KFGL0806-01S
		R1/4	KFGL0806-02S
		R3/8	KFGL0806-03S
ø10	ø7.5	R1/4	KFGL1075-02S
		R3/8	KFGL1075-03S
		R1/2	KFGL1075-04S
ø12	ø9	R1/4	KFGL1209-02S
		R3/8	KFGL1209-03S
		R1/2	KFGL1209-04S



Straight Union: KFGH

Applicable tubing size		Model
O.D.	I.D.	
ø4	ø2.5	KFGH0425-00
ø6	ø4	KFGH0604-00
ø8	ø6	KFGH0806-00
ø10	ø7.5	KFGH1075-00
ø12	ø9	KFGH1209-00



Union Tee: KFGT

Applicable tubing size		Model
O.D.	I.D.	
ø4	ø2.5	KFGT0425-00
ø6	ø4	KFGT0604-00
ø8	ø6	KFGT0806-00
ø10	ø7.5	KFGT1075-00
ø12	ø9	KFGT1209-00



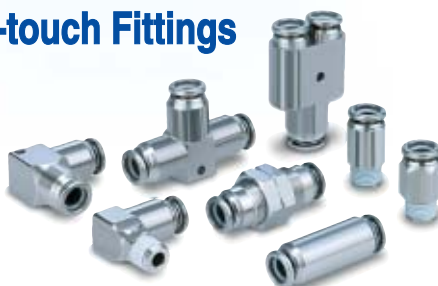
Specifications

Operating fluid	Air, Water, Steam
Operating pressure range	-100 kPa to 1MPa
Proof pressure	3.0 MPa
Ambient and Operating fluid temperature	-5 to 150°C (No freezing)
Lubricant	Grease-free specification
Seal on the threads	With sealant

Related Product

Stainless Steel 316 One-touch Fittings Series KQG

- Material: Metal parts/
Stainless steel 316
Seal parts/Special FKM
- Operating fluid temperature:
-5 to 150°C
- Grease-free



Port size	Applicable tubing O.D.				
	ø4	ø6	ø8	ø10	ø12
M5	●	●			
R1/8	●	●	●		
R1/4		●	●	●	
R3/8			●	●	●
R1/2					●

Stainless Steel 316

Insert Fittings

Series *KFG*



Applicable Tubing

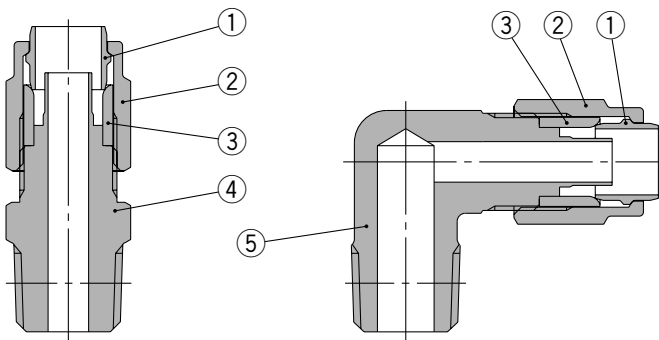
Operating fluid	Air, Water, Steam
Operating pressure range ^{Note)}	-100 kPa to 1 MPa
Proof pressure	3.0 MPa
Ambient and Operating fluid temperature	-5 to 150°C (No freezing)
Lubricant	Grease-free specification
Seal on the threads	With sealant

Note) Please avoid using in a vacuum holding application such as a leak tester, since there is leakage.

Applicable Tubing

Series	Tubing O.D.	Tubing O.D. x I.D. (mm)				
		ø4 x ø2.5	ø6 x ø4	ø8 x ø6	ø10 x ø7.5	ø12 x ø9
TH	FEP	●	●	●	●	●
TL	PFA	—	●	●	—	—
T	Nylon	●	●	●	●	●
TS	Soft nylon	●	●	●	●	●
TU	Polyurethane	●	●	—	—	—
TPH	Polyolefin	●	●	●	●	●
TPS	Soft polyolefin	●	●	—	—	—

Construction



Component Parts

No.	Description	Material	Note
1	Sleeve	Stainless steel 316	Silver plated inner surface
2	Union nut		
3	Guide		Fluorine coating
4	Male connector body		
5	Male elbow body		

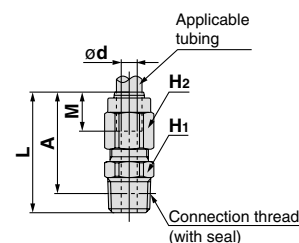
Series KFG

Dimensions

Male Connector: KFGH



Applicable tubing size		Conne- tion thread	Model	Width across flats		L	M	ød	A*	Effective area ^{Note)} (mm ²)	Weight (g)
O.D.	I.D.			H ₁	H ₂						
ø4	ø2.5	R1/8	KFGH0425-01S	10	10	32	11.5	1.5	28	1.6	16
		R1/4	KFGH0425-02S	14		36					
ø6	ø4	R1/8	KFGH0604-01S	10	12	32.7	11.2	3	28.7	6	19
		R1/4	KFGH0604-02S	14		36.7					
ø8	ø6	R1/8	KFGH0806-01S	12	14	33.7	12.2	5	29.7	17	24
		R1/4	KFGH0806-02S	14		37.7					
		R3/8	KFGH0806-03S	17		38.7					
ø10	ø7.5	R1/4	KFGH1075-02S	17	17	39.7	14.2	6.5	33.7	30	44
		R3/8	KFGH1075-03S	17		40.7					
		R1/2	KFGH1075-04S	22		43.7					
ø12	ø9	R1/4	KFGH1209-02S	17	19	39.7	14.2	8	33.7	45	47
		R3/8	KFGH1209-03S	19		40.7					
		R1/2	KFGH1209-04S	22		43.7					

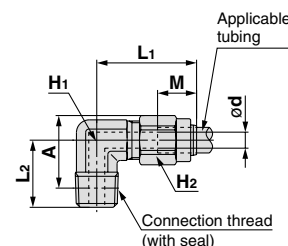


* Reference dimensions after installation of R thread
Note) Figures shown when using FEP tubing

Male Elbow: KFGL



Applicable tubing size		Conne- tion thread	Model	Width across flats		L ₁	L ₂	M	ød	A*	Effective area ^{Note)} (mm ²)	Weight (g)
O.D.	I.D.			H ₁	H ₂							
ø4	ø2.5	R1/8	KFGL0425-01S	10	10	29	17	11.5	1.5	19	1.6	22
		R1/4	KFGL0425-02S				19					
ø6	ø4	R1/8	KFGL0604-01S	10	12	29.7	17	11.2	3	20	6	25
		R1/4	KFGL0604-02S				19					
ø8	ø6	R1/8	KFGL0806-01S	12	14	31.2	18	12.2	5	22.1	12	35
		R1/4	KFGL0806-02S				21					
		R3/8	KFGL0806-03S				20					
ø10	ø7.5	R1/4	KFGL1075-02S	14	17	36.7	21	14.2	6.5	24.8	23	58
		R3/8	KFGL1075-03S				25					
		R1/2	KFGL1075-04S				25					
ø12	ø9	R1/4	KFGL1209-02S	14	19	36.7	21	14.2	8	26	27	61
		R3/8	KFGL1209-03S				25					
		R1/2	KFGL1209-04S				25					

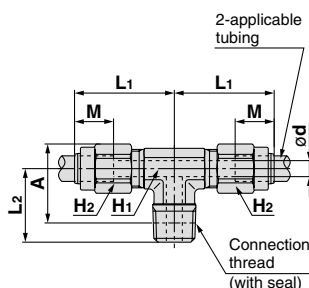


* Reference dimensions after installation of R thread
Note) Figures shown when using FEP tubing

Male Branch Tee: KFGT



Applicable tubing size		Conne- tion thread	Model	Width across flats		L ₁	L ₂	M	ød	A*	Effective area ^{Note)} (mm ²)	Weight (g)
O.D.	I.D.			H ₁	H ₂							
ø4	ø2.5	R1/8	KFGT0425-01S	10	10	29	17	11.5	1.5	19	3	35
		R1/4	KFGT0425-02S				19					
ø6	ø4	R1/8	KFGT0604-01S	10	12	29.7	17	11.2	3	20	10	41
		R1/4	KFGT0604-02S				19					
ø8	ø6	R1/8	KFGT0806-01S	12	14	31.2	20	12.2	5	24.1	16	58
		R1/4	KFGT0806-02S				23					
		R3/8	KFGT0806-03S				22					
ø10	ø7.5	R1/4	KFGT1075-02S	14	17	36.7	23	14.2	6.5	26.8	30	95
		R3/8	KFGT1075-03S				22					
		R1/2	KFGT1075-04S				27					
ø12	ø9	R1/4	KFGT1209-02S	14	19	36.7	24	14.2	8	29	32	104
		R3/8	KFGT1209-03S				27					
		R1/2	KFGT1209-04S				27					



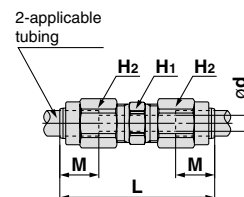
* Reference dimensions after installation of R thread
Note) Figures shown when using FEP tubing

Dimensions

Straight Union: KFGH



Applicable tubing size		Model	Width across flats		L	M	ød	Effective area ^{Note)} (mm ²)	Weight (g)
O.D.	I.D.		H ₁	H ₂					
ø4	ø2.5	KFGH0425-00	8	10	43.9	11.5	1.5	1.6	20
ø6	ø4	KFGH0604-00	10	12	45.4	11.2	3	6	28
ø8	ø6	KFGH0806-00	12	14	48.4	12.2	5	17	39
ø10	ø7.5	KFGH1075-00	17	17	52.4	14.2	6.5	30	63
ø12	ø9	KFGH1209-00	17	19	52.3		8	45	73

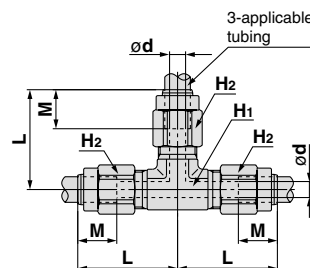


Note) Figures shown when using FEP tubing.

Union Tee: KFGT



Applicable tubing size		Model	Width across flats		L	M	ød	Effective area ^{Note)} (mm ²)	Weight (g)
O.D.	I.D.		H ₁	H ₂					
ø4	ø2.5	KFGT0425-00	10	10	29	11.5	1.5	1.6	42
ø6	ø4	KFGT0604-00		12	29.7	11.2	3	6	52
ø8	ø6	KFGT0806-00	12	14	31.2	12.2	5	17	70
ø10	ø7.5	KFGT1075-00	14	17	36.7	14.2	6.5	30	117
ø12	ø9	KFGT1209-00		19			8	45	128

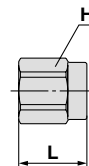


Note) Figures shown when using FEP tubing.

Union Nut: KFGN



Applicable tubing O.D.	Model	Width across flats H	L	Weight (g)
ø4	KFGN-04	10	15	5
ø6	KFGN-06	12	16	6
ø8	KFGN-08	14	16	8
ø10	KFGN-10	17	18	11.5
ø12	KFGN-12	19	18	13.5



Sleeve: KFGS



Applicable tubing O.D.	Model	øD	L	Weight (g)
ø4	KFGS-04	6.5		0.7
ø6	KFGS-06	8.5	8	0.9
ø8	KFGS-08	10.5		1.2
ø10	KFGS-10	13	9	2.1
ø12	KFGS-12	15		2.2





Series **KFG**

Applicable Fluid Compatibility List

Compatibility Checklist for Used Materials and Fluids

Chemical	Main body	Chemical	Main body
	Stainless steel 316		Stainless steel 316
Acrylonitrile	◎	Citric acid	◎
Acetamide	○	Cumene	×
Acetaldehyde	◎	Glycerin	◎
Acetone	◎	Cresol	◎
Aniline	○	Chromic acid [10%]	◎
Amylene	◎	Chlorosulfonic acid	○
Sulphurous acid gas (Humid gas)	◎	Chlorofluorocarbon (CFC) 11	—
Sodium bisulfite [50%]	◎	Chlorofluorocarbon (CFC) 113	—
Allyl alcohol	◎	Chlorofluorocarbon (CFC) 12	○
Benzoic acid	◎	Chlorofluorocarbon (CFC) 13B1	—
Ammonia (Compressed gas)	◎	Chlorofluorocarbon (CFC) 14	—
Isopropyl alcohol	○	Chlorofluorocarbon (CFC) 22	○
Isophorone	×	Chlorobenzene	×
Ethyl alcohol	◎	Chloroform (Trichloromethane)	○
Ethyl ether	○	Acetic acid	○
Ethylene	◎	Amyl acetate	◎
Ethylene glycol	×	Isopropyl acetate [20%]	◎
Ethylene diamine	◎	Ethyl acetate	×
Ethylene dichloride	◎	Butyl acetate	×
Epichlorohydrine	◎	Methyl acetate	◎
Methyl tertiary butyl ether	—	Calcium hypochlorite	◎
Allyl chloride	×	Sodium hypochlorite [5%]	◎
Ammonium chloride	◎	Potassium cyanide [50%]	◎
Calcium chloride	◎	Copper cyanide	◎
Iron chloride (II) [5%]	×	Diisobutyl ketone	◎
Sodium chloride	○	Diisobutylene	—
Magnesium chloride	◎	Diethanolamine	◎
Hydrochloric acid [5%]	×	Diethylamine	×
Chlorine gas (Humid gas)	×	Diethylene glycol	◎
Carbitol	×	Carbon tetrachloride	◎
Formic acid [50%]	○	Cyclohexanol	×
o-Xylene	△	Cyclohexanone	×
p-Xylene	△	Cyclohexane	×

Note 1) [] denotes the concentration. Aqueous solutions without condensation notes are in a saturated state.

Note 2) The above data is based on a room temperature of 20°C. Note that you may obtain different figures, depending on temperature conditions.

Note 3) The above data shows compatibility guidelines based upon component parts. Therefore, it is no guarantee of product performance. In addition, using fluids other than those specified in the catalog are not covered by the product's warranty.

How to Read the Table

- ◎: Completely unaffected or largely unaffected.
- : May be slightly affected, but, dependent upon condition, can sufficiently withstand.
- △: Advisable to use as little as possible.
- ×: Not applicable, as substantially affected.
- : No data is available.



Series KFG

Applicable Fluid Compatibility List

Compatibility Checklist for Used Materials and Fluids

Chemical	Main body	Chemical	Main body
	Stainless steel 316		Stainless steel 316
Dichloroethylene	—	Butyl phthalate	×
Dichlorobenzene	—	Butyl alcohol	△
Dichloromethane (Methylene chloride)	△	Hydrofluoric acid [50%]	◎
Ethylene bromide	×	Furfurol	×
Potassium bromide [30%]	◎	n-Propyl alcohol	◎
Potassium dichromate [25%]	◎	Propylene glycol	◎
Oxalic acid	◎	Bromochloroethane	—
Bromine gas	×	n-Hexane	○
Tartaric acid	◎	n-Hexyl alcohol	◎
Nitric acid [65%]	◎	n-Heptane	◎
Ammonium nitrate	◎	Benzene	×
Ammonium hydroxide	—	n-Pentane	×
Calcium hydroxide	◎	Boric acid	◎
Sodium hydroxide [50%]	◎	Gallic acid	◎
Barium hydroxide	◎	Formic aldehyde	◎
Solvent naphtha	◎	Methyl methacrylate	×
Carbonic acid (Humid gas and aqueous solution)	◎	Methyl alcohol	◎
Tetrachloroethylene	×	Methyl isobutyl ketone	×
Tetrahydrofuran	—	Methyl ethyl ketone	×
Dodecylbenzene	◎	Ethyleneglycol monomethyl ether	×
Trichloroethane	△	Monoethanolamine	◎
Trichloroethylene	◎	Morpholine	◎
Trichloroacetic acid	—	Butyric acid	◎
Toluene	◎	Hydrogen sulfide (Humid gas and aqueous solution)	◎
Naphtha	○	Sulphuric acid [10%]	◎
Naphthenic acid	◎	Ammonium sulfate	◎
Lactic acid	◎	Sodium bisulfate [10%]	◎
Carbon disulfide	○	Iron sulfate (II)	○
Picric acid	◎	Sodium sulfate	◎
Pyridine	×	Phosphoric acid [85%]	◎
Phenol	×		

Note 1) [] denotes the concentration. Aqueous solutions without condensation notes are in a saturated state.

Note 2) The above data is based on a room temperature of 20°C. Note that you may obtain different figures, depending on temperature conditions.

Note 3) The above data shows compatibility guidelines based upon component parts. Therefore, it is no guarantee of product performance. In addition, using fluids other than those specified in the catalog are not covered by the product's warranty.

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- : No data is available.






Series **KFG**

Safety Instructions

These safety instructions are intended to prevent a hazardous situation and/or equipment damage. These instructions indicate the level of potential hazard by labels of "Caution", "Warning" or "Danger". To ensure safety, be sure to observe ISO 4414 ^{Note 1)}, JIS B 8370 ^{Note 2)} and other safety practices.

■ Explanation of the Labels

Labels	Explanation of the labels
 Danger	In extreme conditions, there is a possible result of serious injury or loss of life.
 Warning	Operator error could result in serious injury or loss of life.
 Caution	Operator error could result in injury ^{Note 3)} or equipment damage ^{Note 4)} .

Note 1) ISO 4414: Pneumatic fluid power – General rules relating to systems

Note 2) JIS B 8370: General Rules for Pneumatic Equipment

Note 3) Injury indicates light wounds, burns and electrical shocks that do not require hospitalization or hospital visits for long-term medical treatment.

Note 4) Equipment damage refers to extensive damage to the equipment and surrounding devices.

■ Selection/Handling/Applications

1. The compatibility of the pneumatic equipment is the responsibility of the person who designs the pneumatic system or decides its specifications.

Since the products specified here are used in various operating conditions, their compatibility for the specific pneumatic system must be based on specifications or post analysis and/or tests to meet the specific requirements. The expected performance and safety assurance are the responsibility of the person who has determined the compatibility of the system. This person should continuously review the suitability of all items specified, referring to the latest catalog information with a view to giving due consideration to any possibility of equipment failure when configuring a system.

2. Only trained personnel should operate pneumatically operated machinery and equipment.

Compressed air can be dangerous if handled incorrectly. Assembly, handling or repair of pneumatic systems should be performed by trained and experienced operators. (Understanding JIS B 8370 General Rules for Pneumatic Equipment, and other safety rules are included.)

3. Do not service machinery/equipment or attempt to remove components until safety is confirmed.

1. Inspection and maintenance of machinery/equipment should only be performed once measures to prevent falling or runaway of the driver objects have been confirmed.
2. When equipment is removed, confirm that safety process as mentioned above. Turn off the supply pressure for this equipment and exhaust all residual compressed air in the system, and release all the energy (liquid pressure, spring, condenser, gravity).
3. Before machinery/equipment is restarted, take measures to prevent quick extension of a cylinder piston rod, etc.

4. Contact SMC if the product will be used in any of the following conditions:

1. Conditions and environments beyond the given specifications, or if product is used outdoors.
2. Installation on equipment in conjunction with atomic energy, railway, air navigation, vehicles, medical equipment, food and beverages, recreation equipment, emergency stop circuits, clutch and brake circuits in press applications, or safety equipment.
3. An application which has the possibility of having negative effects on people, property, or animals, requiring special safety analysis.
4. If the products are used in an interlock circuit, prepare a double interlock style circuit with a mechanical protection function for the prevention of a breakdown. And, examine the devices periodically if they function normally or not.

■ Exemption from Liability

1. SMC, its officers and employees shall be exempted from liability for any loss or damage arising out of earthquakes or fire, action by a third person, accidents, customer error with or without intention, product misuse, and any other damages caused by abnormal operating conditions.

2. SMC, its officers and employees shall be exempted from liability for any direct or indirect loss or damage, including consequential loss or damage, loss of profits, or loss of chance, claims, demands, proceedings, costs, expenses, awards, judgments and any other liability whatsoever including legal costs and expenses, which may be suffered or incurred, whether in tort (including negligence), contract, breach of statutory duty, equity or otherwise.

3. SMC is exempted from liability for any damages caused by operations not contained in the catalogs and/or instruction manuals, and operations outside of the specification range.

4. SMC is exempted from liability for any loss or damage whatsoever caused by malfunctions of its products when combined with other devices or software.



Series KFG Specific Product Precautions 1

Be sure to read this before handling. For Safety Instructions, refer to the back of page 1. For Fittings and Tubing Precautions, refer to “Precautions for Handling Pneumatic Devices” (M-03-E3A).

Selection

⚠ Caution

1. Do not use in locations where the connecting threads and tubing connection will slide or rotate. The connecting threads and tubing connection will come apart under these conditions.
2. Use tubing at or above the minimum bending radius. Using below the minimum bending radius can cause breakage or flattening of the tube.
3. Consult with SMC regarding fluids other than air, water and steam.
4. In case of liquid fluids, keep surge pressure at or below the maximum operating pressure. If the surge pressure exceeds the maximum operating pressure, damage to the fittings and tubing may occur.

Mounting

⚠ Caution

1. Before mounting, please confirm that the model, size, etc. are correct. In addition, please confirm that there are no blemishes, nicks or cracks in the product.
2. When tubing is connected, consider factors such as changes in the tubing length due to pressure, and give adequate space.
3. Mount so that the fittings and tubing are not subjected to strain or moment loads. This can cause damage to the fittings and flattening, bursting or disconnection of the tubing, etc.
4. Mount so that tubing is not damaged due to tangling and abrasion. This can cause flattening, bursting or disconnection of the tubing, etc.

Installation of Threads

⚠ Caution

1. Taper threads
When installing, tighten with the proper torque shown in the table below. As a rule, this corresponds to two or three turns with a tool after being tightened by hand.

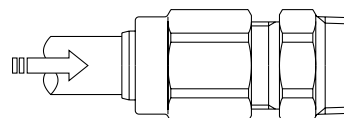
Connection thread size	Proper tightening torque N•m
R 1/8	7 to 9
R 1/4	12 to 14
R 3/8	22 to 24
R 1/2	28 to 30

2. Tightening tools
Tighten with an appropriate wrench using the hexagon wrench flats on the body.
Tighten by placing an appropriate wrench firmly against the fitting body. Position the wrench on the base as close as possible to the threads. If the wrench size is not correct, the fitting body may be damaged.

Installation and Removal of Tubing

⚠ Caution

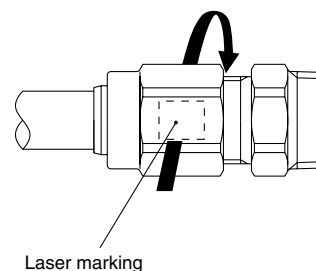
1. Installation of tubing
 - 1) Take a tube having no flaws on its periphery and cut it off at a right angle. Do not use pinchers, nippers or scissors, etc. The tubing might be cut diagonally or flattened, making installation impossible or causing problems such as disconnection and leakage.
 - 2) Without loosening the union nut, grab the tube and gently push it thoroughly into the fitting.
 - 3) After insertion, confirm that the tube will not disconnect.



- 4) When the union is loose, tighten it additionally, temporarily by hand.
- 5) After fixing the body with the tightening tool, tighten the union nut by 1.5 turns, using an appropriate wrench. Shown below is the equivalent tightening torque.

Fitting size	Equivalent tightening torque N•m
KFG□0425	7 to 9
KFG□0604	11 to 13
KFG□0806	13 to 15
KFG□1075	16 to 18
KFG□1209	16 to 18

When tightening the nut, the laser marking can be used for reference.





Series KFG Specific Product Precautions 2

Be sure to read this before handling. For Safety Instructions, refer to the back of page 1. For Fittings and Tubing Precautions, refer to “Precautions for Handling Pneumatic Devices” (M-03-E3A).

Operating Environment

Warning

1. Do not use in environments or locations where there is a danger of damage to the fittings and tubing.
For fitting and tubing materials, refer to specifications and construction drawings, etc.
2. Do not operate in locations where vibration or impact occurs because this can cause leakage, damage to fittings, etc.
Please contact SMC regarding use in these environments.

Maintenance

Caution

1. Pre-maintenance inspection
When the product is removed, turn off the power, cut off the supply pressure, and confirm that fluid in the piping has been discharged.
2. During regular maintenance, check for the following and replace any components as necessary.
 - a) Scratches, gouges, abrasion, corrosion
 - b) Leakage
 - c) Flattening or distortion of tubing
 - d) Hardening, deterioration or softness of tubing
3. Do not repair the fittings or patch the tubing for reuse.
4. Using this product for extended periods of time can result in leaks due to the material change. In such cases, tighten the union nut additionally.
A guide for the additional tightening is 1/6 to 1/4 turns. The limit for additional tightening is 1/2 turns.
When there is a leak even after additional tightening, replace the sleeve and union nuts with new ones.
5. Sleeve is not recyclable. Replace it every time piping is performed.
Body and union nut are recyclable. Refer to the table below for recyclable life.

Recyclable Life for Body and Union Nut

Tubing		Recyclable life
Series	Material	
TH TL	FEP PFA	5 times
T TS TU TPH TPS	Nylon Soft nylon Polyurethane Polyolefin Soft polyolefin	Twice

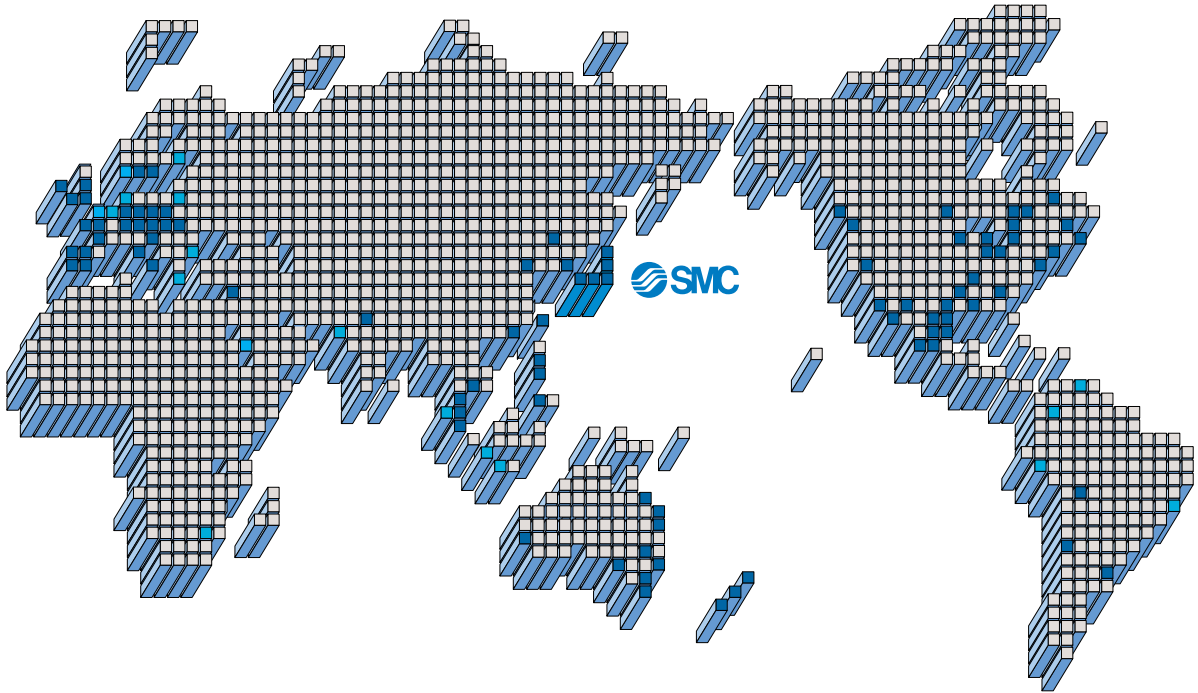
Precautions on Use of Other Tubing Brands

Caution

1. Our product warranty is not valid if tubing brands other than from SMC are used.



SMC'S GLOBAL MANUFACTURING, DISTRIBUTION AND SERVICE NETWORK



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Safety Instructions

Be sure to read "Precautions for Handling Pneumatic Devices" (M-03-E3A) before using.

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