Precautions for Using the Push Fitting Products

Basic Structure of Quick-Connect Fittings

When connecting the pipe, ensure that the pipe's cut surface is smooth and flat; the outer surface of the pipe should be free of scratches or deformation. When inserting the pipe, it should be inserted completely into the fitting without tilting. If it is not fully inserted, it may cause air leakage, or the pipe may come loose. Once the pipe is properly inserted, it will not come out due to the built-in locking mechanism of the fitting. When removing the pipe, make sure the locking sleeve is fully pressed down, and then pull the pipe out.

Dimensions of Release Rings for Removing Air Tubes

Decking		Look	Claura													
Packing		LOCK	Claws						Tube Size	Φ4	Φ6	Φ8	Φ10	Φ12	Φ14	Φ16
	<u></u>			Tube					(mm)							
				6				Ī	A	10.5	12.5	14	17	20.5	22	24
						(-	В	12	14	16	19.5	23	24.5	27
	с			Gleeve	-	В										
						Max		Min	When connec the tubing dif elliptical, difference be mm. After con or bent, it ma air leakage of	ting wit fers, se it is rec tween th nectin y advers r safety	h the tu e Table comme he long g the tu sely affe issues. tabl	ibe fitt 3. If th nded t and s bing, ect the Pleas le belo	ting, if t to use t hort dia if it is ex e fitting te opera tow.	he oute ng's cro ubing w ameters xcessiv , poten ate acc	er diamo ss-sect /here th s is with ely stre tially ca ording t	eter of tion is ne nin 0.2 tched ausing to the
Bendin	g Rad	ius C	lassif	icatio	n			Safe	tv Warning							
Bendin; by Tubi	g Rad ng Siz	ius Cl	lassif	icatio	n			! Safe Do not us	ty Warning e fluids other th	an air o	or water	(som	e mode	els supp	oort wat	ter).
Bendin; by Tubi	g Rad ng Siz	ius Cl e	lassif	icatio	n			Safe Do not us	ty Warning e fluids other th	an air o	or water	(som	e mode	els supp	oort wat	ter).
Bendin; by Tubi	g Rad ng Siz	ius Cl e	lassif	icatio	'n			Safe Do not us	ty Warning e fluids other th ed in environme	an air o nts with	or water I sparks	(som	e mode mes, u	els supp se all-n	oort wat	ter). tings
Bendin; by Tubi	g Rad ng Siz	ius Cl e	lassif	icatio	'n			! Safe Do not us When use to avoid fi	ty Warning e fluids other th ed in environme re hazards.	an air o nts with	r water I sparks	(som	e mode mes, u	els supp se all-n	oort wat netal fit	ter). tings
Bendin by Tubi	g Rad ng Siz	ius Cl e	lassif	icatio	'n			Safe Do not us When use to avoid fi For applic	ty Warning e fluids other th ed in environme re hazards. cations involving	an air o nts with grotatio	or water I sparks In, plea	s or fla	e mode mes, u e rotary	els supp se all-n -type fi	oort wat netal fit ttings.	ter). ttings
Bendin by Tubin	g Rad ng Siz	ius C e Φ6	Lassif	icatio Φ10	ν n	Φ14	Ф16	! Safe Do not us When use to avoid fi For applic For high-t	ty Warning e fluids other th ed in environme re hazards. cations involving emperature env	an air o nts with g rotatio	n water I sparks In, plea Ints ove	(som s or fla se use	e mode mes, u e rotary C (such	els supp se all-n -type fi as wate	oort wat netal fit ttings. er or ho	ter). tings t oil),
Bending by Tubin Tubing Size	g Rad ng Siz	ius C e Φ6	Lassif Φ8	icatio Φ10	Φ 12	Φ14	Ф16	Safe Do not us When use to avoid fi For applic For high-t please co	ty Warning e fluids other th ed in environme re hazards. cations involving emperature env ntact our comp	an air o nts with g rotatio rironme any bef	r water 1 sparks n, plea nts ove ore use	s or fla s or fla se use r 60°C	e mode mes, u e rotary C (such	els supp se all-n -type fi as wate	port wat netal fit ttings. er or ho	ter). tings t oil),
Bending by Tubing Tubing Size	g Rad ng Siz	ius C e Φ6	Lassif Φ8	icatio Φ10	Φ 12	Φ14	Ф16	! Safe Do not us When use to avoid fi For applic For high-t please co	ty Warning e fluids other th ed in environme re hazards. cations involving emperature env ntact our comp	an air o nts with grotatio vironme any bef	nr water n sparks n, plea nts ove fore use	s or fla se use r 60°C	e mode mes, u e rotary C (such	els supp se all-n -type fi as wate	oort wat netal fit ttings. er or ho	ter). tings t oil),
Bendin by Tubin Tubing Size	g Rad ng Siz	ius Cl e Φ6	Lassif Φ8	icatio Φ10	Φ 12	Φ14	Φ16	Safe Do not us When use to avoid fi For applic For high-t please co	ty Warning e fluids other th ed in environme re hazards. cations involving emperature env ntact our comp	an air o nts with grotatio vironme any bef ng elect	n water n sparks n, plea nts ove ore use	sor fla sor fla se use r 60°C s. c prote	e mode mes, u e rotary C (such ection,	els supp se all-n -type fi as wate contac	bort wat netal fit ttings. er or ho t our co	ter). tings t oil), ompany
Bending by Tubin Tubing Size	g Rad ng Siz	ius C e Φ6	Lassif Φ8	icatio Φ10	φ12	Φ14	Φ16	Safe Do not us When use to avoid fi For applic For high-t please co For enviro before use	ty Warning e fluids other th ed in environme re hazards. cations involving emperature env ntact our comp onments requiring e. Static electric	an air o nts with g rotatio vironme any bef ng elect city may	or water a sparks on, plea nts ove ore use crostatio rostatio	(som s or fla se use r 60°C c prote e prod	e mode imes, u e rotary C (such ection, luct qua	els supp se all-n -type fi as wate contac ality or e	oort wat netal fit ttings. er or ho t our co cause f	ter). tings t oil), ompany ailure.
Bending by Tubing Size R	g Rad ng Siz	ius C e Φ6	Φ 8	icatio Φ10 80	φ12 150	Φ14	Φ16	! Safe Do not us When use to avoid fi For applic For high-t please co For enviro before use	ty Warning e fluids other th ed in environme re hazards. cations involving emperature env intact our comp onments requiring e. Static electric excessive extern	an air o nts with grotatio vironme any bef ng elect city may nal load	or water o sparks on, plea nts ove ore use crostatio reduce s (benc	(som s or fla se use r 60°C c prote e prod	e mode mes, u e rotary C (such ection, uct qua	els supp se all-n -type fi as wate contac ality or o pulling	bort wat netal fit ttings. er or ho t our co cause f	ter). tings t oil), ompany ailure. e fitting
Bending by Tubing Size	g Rad ng Siz Ф4	ius C e Φ6 30	Φ8 50	icatio Φ10 80	φ12 150	Φ14 230	Ф16 350	Safe Do not us When use to avoid fi For applic For high-t please co For enviro before use Applying e may cause	ty Warning e fluids other th ed in environme re hazards. cations involving emperature env ntact our comp onments requiring e. Static electric excessive exterring e product dama	an air o nts with grotatio rironme any bef ng elect city may nal load	or water a sparks on, plea nts ove ore use core use rostatio reduce s (bence	s or fla s or fla se use r 60°C c prote prod	e mode mes, u e rotary C (such ection, uct qua wisting,	els supp se all-n -type fi as wate contac ality or o pulling	bort wat netal fit ttings. er or ho t our co cause fi () on the	ter). tings t oil), ompany ailure. e fitting

Notes: When using air tubing not manufactured by our company (nylon or polyurethane tubing), please first confirm whether the outer diameter of the tubing complies with the tolerances shown in Table 3.

Model	Nylon Tubing	Polyurethane Tubing
Ø 3 mm	±0.08	±0.08
Ø4 mm	±0.08	±0.1
Ø6 mm	±0.08	±0.1
Ø8 mm	±0.08	±0.1
Ø10 mm	±0.08	±0.15
Ø12 mm	±0.1	±0.15
Ø14 mm	±0.15	±0.15
Ø16 mm	±0.15	±0.2

Table 3 – Reference Table for Air Tube Outer Diameter Tolerance