

Annular type flexible tube & Fitting (KS marked item for cold and hot water) (Model-004)

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Dong-A's stainless steel corrugated tubes, which are approved by UL(USA), RWTUV(Germany) and are certified as quality products with NET, KS(KSD3628) by the Korean government, are supplied in a roll up to 1,200m for easy speedy inexpensive installation. As no connecting point exists on the tubes except both ends of the tube, there is no fear of leakage. The screw-in type connection with NBR, EPDM, Silicon, or Copper packing doesn't require any tool for installation.



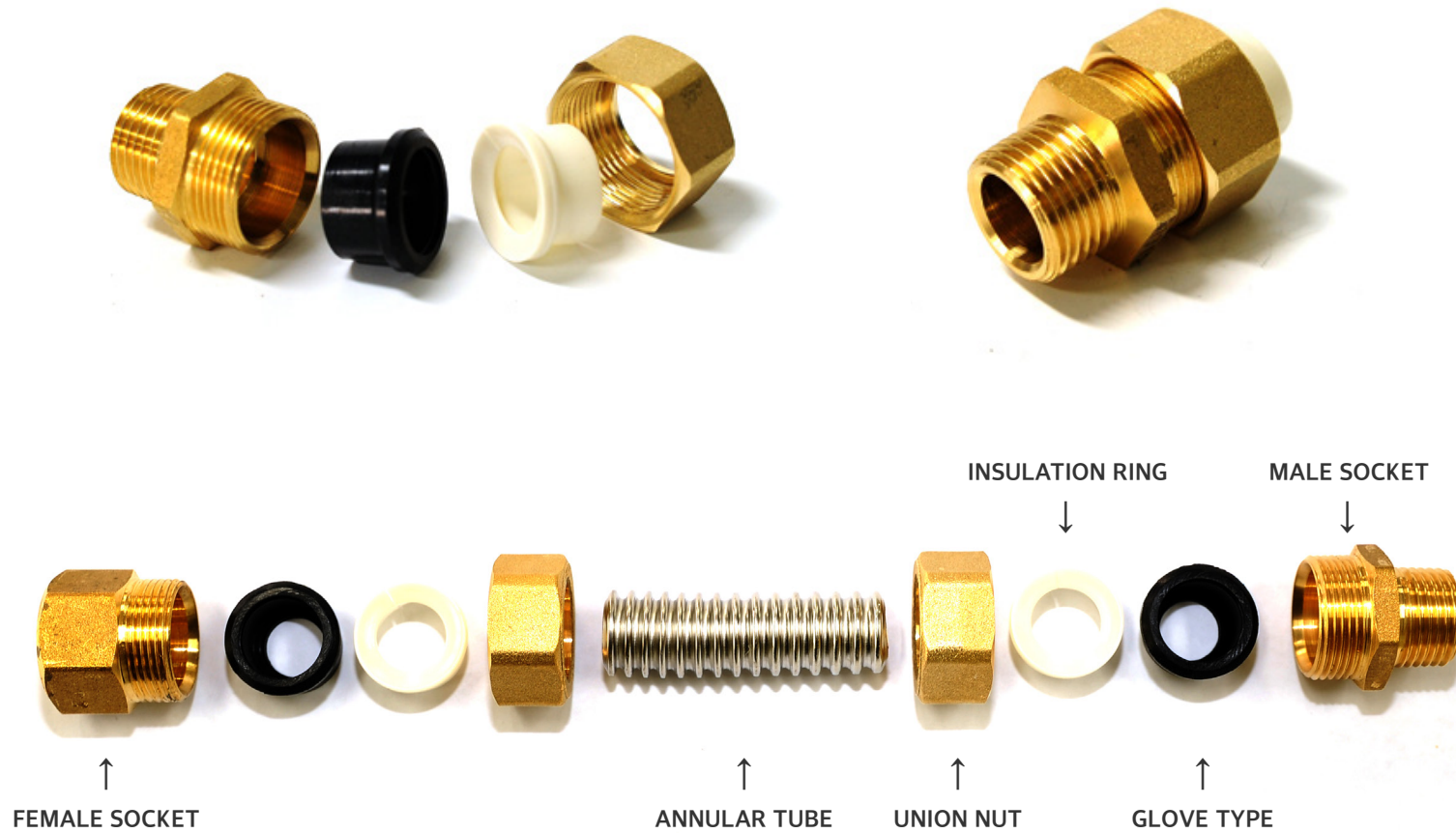
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Product Specification

	Nominal Diameter	Thickness	O.D.(mm)	I.D.(mm)	No. of Pitch (EA/M)	Length (m)	Min. Bending Radius (mm)	Max. Working Pressure (kgf/cm ²)
MODEL-004 Annular Type Tubes AISI 304, 316L	DN10 (3/8")	0.2t~0.3t	14.9~15.5	11.3~11.9	237~243 (240+/-3)	25, 50 (Max. Length300)	30	18
	DN15 (1/2")		17.7~18.3	13.4~14.0	234~240 (237+/-3)			13
	DN20 (3/4")	0.25t~0.3t	25.3~25.9	19.7~ 21.3	210~216 (213+/-3)		40	12
	DN25 (1")		31.5~32.1	26.5~27.1	193~199 (196+/-3)		50	10
	DN32 (1 1/4")	0.3t~0.4t	37.3~37.9	31.7~32.3	180~186 (183+/-3)		80	8
	DN40 (1 1/2")		45.7~46.3	38.7~39.3	167~173 (170+/-3)		120	
	DN50 (2")		54.7~55.3	47.7~48.3	152~158 (155+/-3)		150	

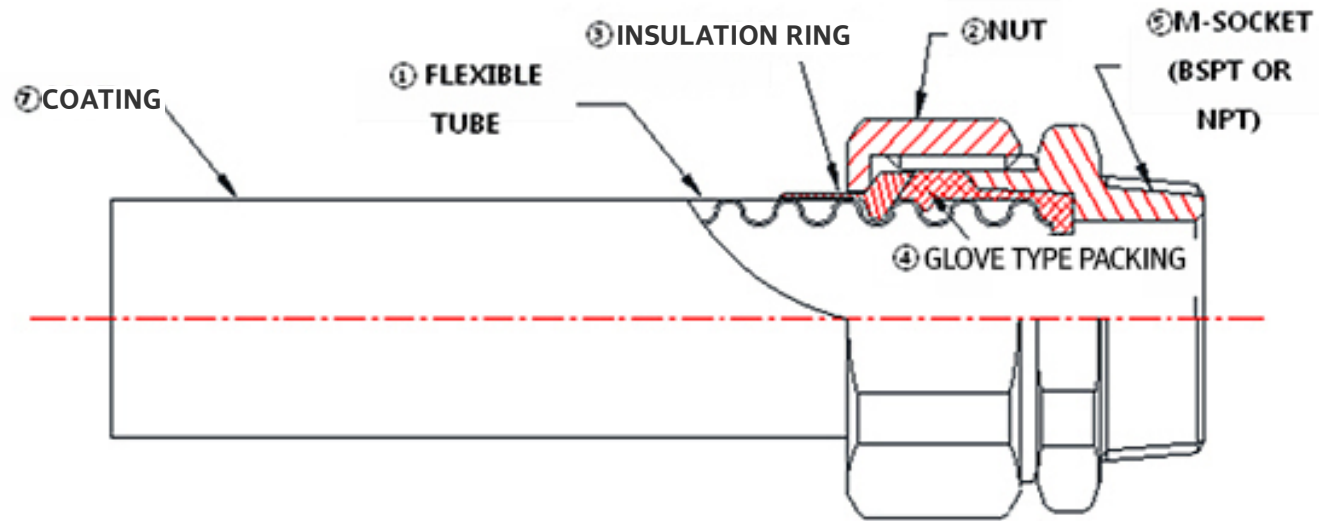
Glove type fitting

For gas system & drinking water



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• Cross-cut drawing



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- Component

No.	Component	Material	No.	Component	Material
①	FLEXIBLE TUBE	AISI 304/316L	④	GLOVE TYPE PACKING	NBR or EPDM or SILICONE
②	NUT	BRASS	⑤	M-SOCKET	BRASS
③	INSULATION RING	NYLON66	⑥	F-SOCKET	BRASS
			⑦	COATING	P.E

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Fitting Assembly Guidelines

Glove packing type fitting for drinking water



Step 1 : Cut Tube

Cut tube with stainless steel tube at right angle to tube center axis. Make sure the cut end to be clean and flat with no burr.



Step 2 : Assemble Union Nut

Put union nut onto tube. Make sure the thread side of the nut to face tube-end.



Step 3 : Put Insulation Ring on Tube

Open wide insulation ring to put on the 3rd valley of tube from cut-end.



Step 4 : Assemble Glove Packing

Put the glove packing at the end of tube.



Step 5 : Assemble Socket

Put sealant on tapered thread of socket, then screw the socket into piping system (eg. Tee, Boiler) with high torque using a crescent wrench.



Step 6 : Assemble Fitting

Put a whole set of tube+insulation+glove packing into tapered hold of socket.



Step 7 : Tighten Union Nut

Tighten the union nut onto parallel male thread of socket using a crescent wrench with high torque.
Warning : DO NOT use sealant on parallel thread!

Torque

DN15:60kgf · cm(5.88N · m)

DN20:72kgf · cm(7.0N · m)

DN25:84kgf · cm(8.2N · m)

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Certifications

