ONE-TOUCH FITTINGS

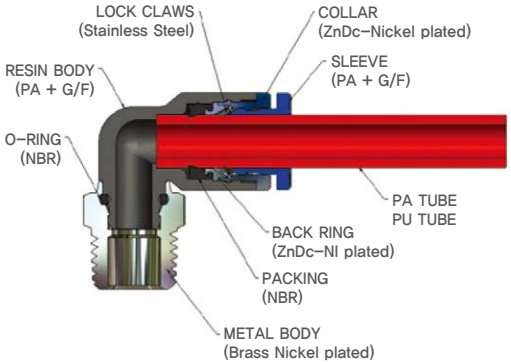
Application

- One-touch joints used in pneumatic piping.
- Used for a wide variety of models to meet all needs.

Feature

- Easy to connect/disconnect tube by one touch.
- PC type is useful for piping in confined space, given its six-angle wrench processing inside.
- Elliptical sleeve makes it possible to apply and remove the tube easily in confined space.
- Fittings are equipped with a Gasket, O-ring and Teflon-Treatment already on the thread.

Structural Diagram



Specification

Fluid	Air(No other gases or liquids)	
Working Pressure Range	0~284PSI	0~20Kgf/㎠(0~1960kPa)
Negative Pressure	-29.5inHg	-750mmHg(10Torr)
Temperature Range	32~176℉	0~80℃
Applicable Tube Material	Polyurethane and Nylon	



Case In Use

▶ POC Model

- The hexagonal hole of the inside body makes it possible to tighten the fitting with a hexagonal wrench.
- A hexagonal wrench must be used due to the round exterior.

Product Code System

GPC 08 - 02 (①) (②) (③)

GPC 08 - 02 (GR) (①) (②) (③) (④)

① Type
② Tube Dia(ØD)

Code	04	06	08	10	12	16
Dia	Ø4	Ø6	Ø8	Ø10	Ø12	Ø16

③ Thread Size(T) *Metric Thread & R(PT) Thread

	Metric size		Taper Pipe Thread			
Code	M5	M6	01	02	03	04
Size	M5X0.8	M6X1.0	R1/8	R1/4	R3/8	R1/2

④ Color (Gray fitting can be produced)

	None	(GR)
Color	Black	Gray



⚠ CAUTION

- Be sure to read the "Common Precautions" and the "Using Precautions of Fitting Series" (P14) before using.
- In putting tube on the fitting, be sure to push it deeply into the inside. In case of incorrect installation, there is a risk of air leakage or loose tube.

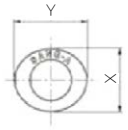
⚠ WARNING

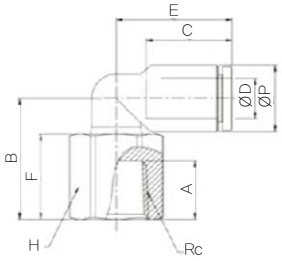
- Be sure to confirm that proper conditions are met(specifications), otherwise there may be air leakage by damage on the fitting body.

GPLF

Female Elbow







MODEL [ØD-T] Tube (Metric)-Thread(R) (mm)

CODE	MODEL	ØD	R	ØP	A	B	C	E	F	H	X	Y	Orifice (Ømm)	W.G(g)	Q'ty/Inbox
11300402	GPLF 04M5	4	M5	9	5	14.6	14.5	17.1	9.8	9	8.6	10.8	3.2	4.9	100
11300403	GPLF 04M6	4	M6	9	6	15.6	14.5	17.1	10.8	9	8.6	10.8	3.2	5	100
11300421	GPLF 0401	4	R1/8	9	9	18.6	14.5	17.1	13.8	13	8.6	10.8	3.2	14.7	100
11300422	GPLF 0402	4	R1/4	9	12	21.6	14.5	17.1	16.8	17	8.6	10.8	3.2	28.6	50
11300602	GPLF 06M5	6	M5	11.2	5	15.7	15.5	18	9.8	9	11	13	3.5	5.7	100
11300603	GPLF 06M6	6	M6	11.2	6	16.7	15.5	18	10.8	9	11	13	4	5.9	100
11300621	GPLF 0601	6	R1/8	11.2	9	19.7	15.5	18	13.8	13	11	13	4	15.5	50
11300622	GPLF 0602	6	R1/4	11.2	12	22.7	15.5	18	16.8	17	11	13	4	29.4	50
11300623	GPLF 0603	6	R3/8	11.2	13	23.7	15.5	18	17.8	19	11	13	4	32.6	25
11300821	GPLF 0801	8	R1/8	13.6	9	21.7	17.8	23.6	14.4	13	13	15	5.5	17.9	50
11300822	GPLF 0802	8	R1/4	13.6	12	24.7	17.8	23.6	17.4	17	13	15	5.5	32.4	50
11300823	GPLF 0803	8	R3/8	13.6	13	25.7	17.8	23.6	18.4	19	13	15	5.5	35.9	25
11301022	GPLF 1002	10	R1/4	16.3	12	26	19.4	25	16.9	17	16	18.5	9	30.8	25
11301023	GPLF 1003	10	R3/8	16.3	13	27	19.4	25	17.9	19	16	18.5	9	34	25
11301024	GPLF 1004	10	R1/2	16.3	16	30	19.4	25	20.9	24	16	18.5	9	60.3	25
11301222	GPLF 1202	12	R1/4	19.7	12	27.9	22.4	32.2	16.9	17	19.5	22.5	9.5	36.4	25
11301223	GPLF 1203	12	R3/8	19.7	13	28.9	22.4	32.2	17.9	19	19.5	22.5	9.5	39.6	20
11301224	GPLF 1204	12	R1/2	19.7	16	31.9	22.4	32.2	20.9	24	19.5	22.5	9.5	65.9	20

*Rotating body construction after a proper installation.