ONE-TOUCH FITTINGS

Application

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

Feature

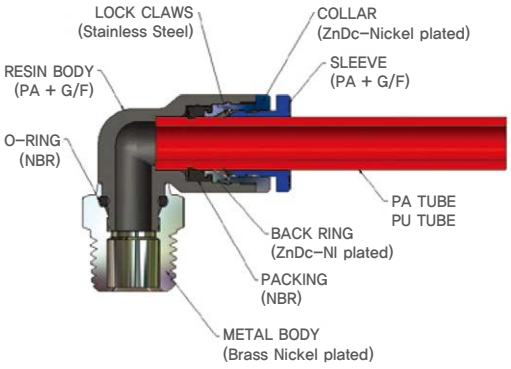
- Easy to connect/disconnect tube by one touch.
- PC type is useful for piping in confined space, given its six-angle wrench processing inside.
- Elliptical sleeve makes it possible to apply and remove the tube easily in confined space.
- Fittings are equipped with a Gasket, O-ring and Teflon-Treatment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

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	



Structural Diagram



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 - G01

① ② ③

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

	Taper Pipe Thread			
Code	G01	G02	G03	G04
Size	G1/8	G1/4	G3/8	G1/2

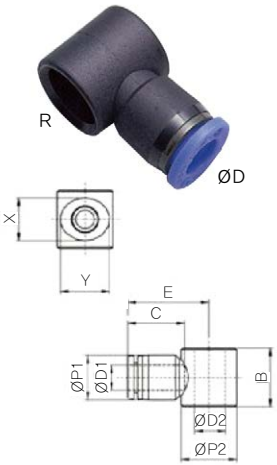
⚠ CAUTION

- 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.

PGL



MODEL [ØD – T] Tube (Metric) – Thread(G) (mm)

CODE	MODEL	R	E	C	B	ØP1	ØD1	ØP2	ØD2	X	Y	W.G(g)	Q'ty/ Inbox
401620000431	PGL 04–G01P	G1/8	19	16	17	10.4	4	15	9.8	10	12	2.2	25
401620000631	PGL 06–G01P	G1/8	19.8	17	17	12.4	6	15	9.8	12	14	3	25
401620000632	PGL 06–G02P	G1/4	20.9	17	19	12.4	6	18	13.2	12	14	3.5	25
401620000831	PGL 08–G01P	G1/8	21.6	18.5	17	14.4	8	15	9.8	14	16	4.1	25
401620000832	PGL 08–G02P	G1/4	21.6	18.5	19	14.4	8	18	13.2	14	16	4.5	25
401620000833	PGL 08–G03P	G3/8	24	18.5	22	14.4	8	21.5	16.7	14	16	5.8	12
401620001032	PGL 10–G02P	G1/4	24	21	19	17.6	10	18	13.2	17	19	7.2	12
401620001033	PGL 10–G03P	G3/8	25.5	21	22	17.6	10	21.5	16.7	17	19	8.9	12
401620001233	PGL 12–G03P	G3/8	28	22.5	22	21.2	12	21.5	16.7	21	23	9.8	12
401620001234	PGL 12–G04P	G1/2	30.3	22.5	24	21.2	12	26	21	21	23	12	12