ONE-TOUCH FITTINGS

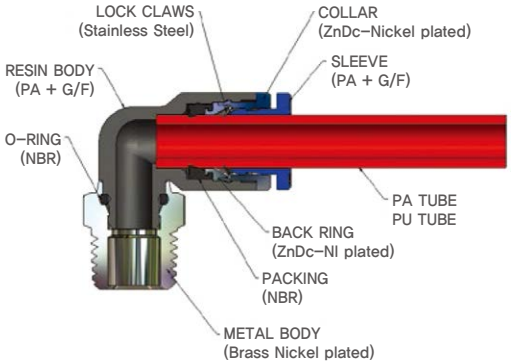
Application

- 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.

GPUC

Union Straight



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

CODE	MODEL	ØD	ØP	B	C	X	Y	Orifice (Ø mm)	W.G(g)	Q'ty/ Inbox
11040300	GPUC 03	3	9	30.2	14.5	8.6	10.8	2.5	3.3	100
11040400	GPUC 04	4	9	30.2	14.5	8.6	10.8	3.2	3.1	100
11040600	GPUC 06	6	11.2	32	15.5	11	13	5	4.8	50
11040800	GPUC 08	8	13.6	40.2	17.8	13	15	7	8.8	50
11041000	GPUC 10	10	16.3	40	19.4	16	8.5	9	10.6	50
11041200	GPUC 12	12	19.7	54.8	22.4	19.5	22.5	10	20.9	25
11041400	GPUC 14	14	23.5	50.8	24.4	23	25	12	32.7	20
11041600	GPUC 16	16	25.6	52	25	24	27	14	32.8	20

