ONE-TOUCH FITTINGS

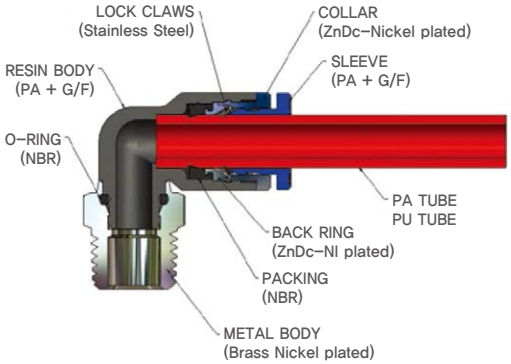
Application

- 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.

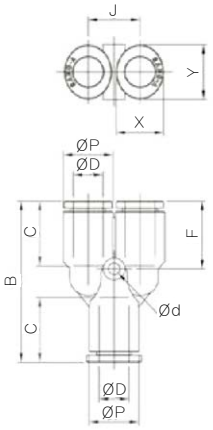
⚠ WARNING

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

GPY

Union Y





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

CODE	MODEL	ØD	ØP	B	C	F	J	Ød	X	Y	Orifice (Ø mm)	W.G(g)	Q´ty/ Inbox
11080300	GPY 03	3	9	31.2	14.5	13.2	9.3	3.2	8.6	10.8	2.1	5.2	100
11080400	GPY 04	4	9	31.2	14.5	13.2	9.3	3.2	8.6	10.8	2.1	4.9	100
11080600	GPY 06	6	11.2	34.7	15.5	14.1	11.4	3.2	11	13	2.3	7.3	50
11080800	GPY 08	8	13.6	44.2	17.8	18.6	14.2	3.2	13	15	5.4	13.9	50
11081000	GPY 10	10	16.3	46	19.4	18	17	4.2	16	18.5	6.4	17.7	25
11081200	GPY 12	12	19.7	56.8	22.4	23.9	20	4.2	19.5	22.5	7.3	32.5	20
11081400	GPY 14	14	23.5	59.3	24.4	24.4	24	4.2	23	25	8.8	53.7	16
11081600	GPY 16	16	25.6	62	25	24	26	4.2	24	27	12	55.5	12