ONE-TOUCH FITTINGS

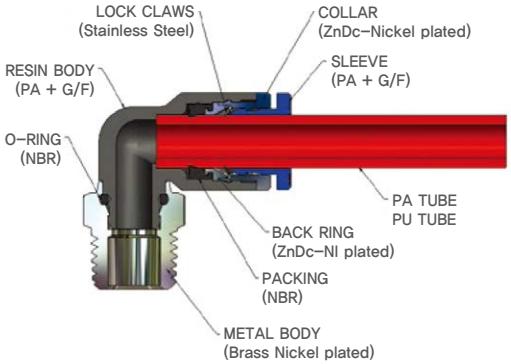
Application

- 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.

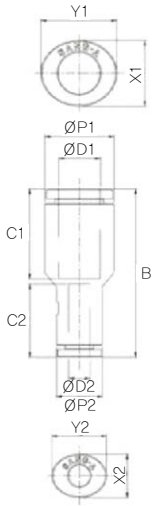
⚠ WARNING

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

GPG

Reducer





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

CODE	MODEL	ØD1	ØD2	ØP1	ØP2	B	C1	C2	X1	Y1	X2	Y2	Orifice (Ømm)	W.G(g)	Q'ty/ Inbox
11314100	GPG 0403	4	3	9	9	30.2	14.5	14.5	8.6	10.8	8.6	10.8	2.5	2.9	100
11314300	GPG 0604	6	4	11.2	9	31.5	15.5	14.5	11	13	8.6	10.8	3.2	3.8	100
11314400	GPG 0804	8	4	13.6	9	33.3	17.8	14.5	13	15	8.6	10.8	3.2	4.9	50
11314500	GPG 0806	8	6	13.6	11.2	34.3	17.8	15.5	13	15	11	13	5	5.8	50
11314600	GPG 1006	10	6	16.3	11.2	35.9	19.4	15.5	16	18.5	11	13	5	7.2	50
11314700	GPG 1008	10	8	16.3	13.6	38.2	19.4	17.8	16	18.5	13	15	7	8.4	50
11314900	GPG 1208	12	8	19.7	13.6	41.2	22.4	17.8	19.5	22.5	13	15	7	12.4	25
11315000	GPG 1210	12	10	19.7	16.3	42.8	22.4	19.4	19.5	22.5	16	18.5	9	14	25
11315100	GPG 1612	16	12	25.6	19.7	48.9	25	22.4	24	27	19.5	22.5	10	23.4	25