ONE-TOUCH FITTINGS

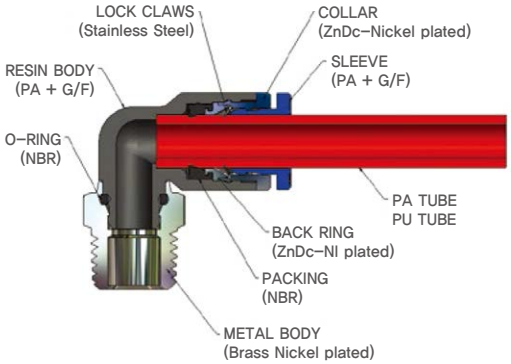
Application

- 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.

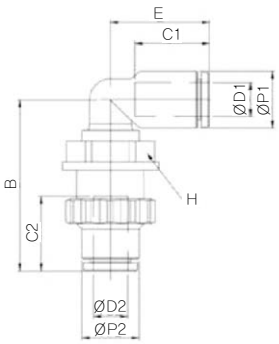
⚠ WARNING

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

GPLM

Bulkhead Union Elbow P





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

CODE	MODEL	ØD1	ØD2	ØP1	ØP2	C1	C2	M	B	E	F	G	H	I	Orifice (Ø mm)	W.G(g)	Q'ty/ Inbox
11710400	GPLM 04	4	4	9	9	14.5	14.5	M12×1.5P	33.2	17.1	11.6	5	14	5.1	3.2	6.1	50
11710600	GPLM 06	6	6	11.2	11.2	15.5	15.5	M14×1.5P	35.3	18	13	5	17	6.6	4	9.5	50
11710800	GPLM 08	8	8	13.6	13.6	17.8	17.8	M16×1.5P	40.9	23.6	14	6	19	6.8	5.5	15.2	25
11711000	GPLM 10	10	10	16.3	16.3	19.4	19.4	M20×2.0P	45.6	25	16	6	24	8.15	9	21.9	20
11711200	GPLM 12	12	12	19.7	19.7	22.4	22.4	M24×2.0P	52.1	32.2	18	6	27	9.85	9.5	38.6	15