

# 50GP SERIES

TUBING SIZE 1/4" - 3/8" | 1/4" FLOW GLASS FILLED POLYPROPYLENE



50GP Series couplings are manufactured from a high performance glass filled polypropylene. With excellent chemical resistance properties, these couplings are well suited for applications in acid and chemical transfer. All 50GP couplings interconnect with the 50AC Series product range.

## PERFORMANCE RATINGS

- Operating Pressure: Vacuum to 120psi; (8.3bar)
- Temperature: -32°F to 160°F; (-0°C to 71°C)
- Flow Capacity: 1/4" Size

## MATERIALS & CONSTRUCTION

- Bodies & Terminations: Glass Filled Polypropylene
- Thumb-latch: Acetal (POM)
- Springs: Stainless Steel
- O-rings: Food Grade EPDM (others available)
- Internal Valves: Acetal (POM)



**PART NUMBER GUIDE EXAMPLE:**

<b>50</b>	<b>GP</b>	<b>-S</b>	<b>1</b>	<b>-04</b>
FLOW SIZE OR LATCH TYPE	MATERIAL	CONFIG. AND O-RING	TYPE	CONNECTION SIZE



# 50GP

Tubing Size 1/4" - 3/8"  
1/4" Flow Glass Filled Polypro.

**MALE THREAD SOCKET**

NON-VALVED	THREAD SIZE	LENGTH	WIDTH	HEIGHT
50GP-S1-04	1/4" NPT	1.40" (36mm)	.75" (19mm)	.93" (24mm)

**IN-LINE HOSE BARB SOCKET, SHORT BODY**

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
50GP-S5-04	1/4" ID	6.4mm ID	1.35" (34mm)	.75" (19mm)	.93" (24mm)
50GP-S5-06	3/8" ID	9.5mm ID	1.35" (34mm)	.75" (19mm)	.93" (24mm)

**IN-LINE HOSE BARB SOCKET, LONG BODY**

NON-VALVED	VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
50GP-S5-06LB	50GP-SF5-06	3/8" ID	9.5mm ID	2.00" (51mm)	.83" (21mm)	.94" (24mm)

**ELBOW HOSE BARB SOCKET**

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
50GP-S7-06	3/8" ID	9.5mm ID	1.23" (31mm)	.75" (19mm)	1.50" (38mm)

**MALE THREAD PLUG**

NON-VALVED	THREAD SIZE	LENGTH	WIDTH	HEIGHT
50GP-PF1-04	1/4" NPT	1.35" (34mm)	.62" (16mm)	.62" (16mm)

**IN-LINE HOSE BARB PLUG**

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
50GP-PF5-04	1/4" ID	6.4mm ID	1.35" (34mm)	.62" (16mm)	.62" (16mm)
50GP-PF5-06	3/8" ID	9.5mm ID	1.35" (34mm)	.62" (16mm)	.62" (16mm)

**ELBOW HOSE BARB PLUG**

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
50GP-PF7-06	3/8" ID	9.5mm ID	1.25" (32mm)	.62" (16mm)	1.26" (32mm)

**END STOP PLUG**

NON-VALVED	LENGTH	WIDTH	HEIGHT
50GP-PF6	1.20" (30mm)	.69" (18mm)	.69" (18mm)

50GP SERIES SOCKETS/PLUGS