

# 55GP Series

Advanced Plastic Latch

## Intuitive Couplings with Advanced Non-Spill Technology

55GP Series couplings feature advanced non-spill technology to prevent leakage during disconnection, allowing for the highest level of performance. Optimal component designs produce reliable and cost-effective results, including improved product safety, reduced downtime, and a simplified process. Manufactured from a chemically resistant, high performance glass filled polypropylene, the material supports sterilization. The user-friendly interface provides for easy operation, and all 55GP couplings interconnect with other similar industry non-spill type couplings.



### Features & Benefits

- Advanced plastic thumb-latch couplings available with hose barb and threaded terminations
- Non-spill technology to prevent leakage
- Intuitive, easy-to-use design
- Chemically resistant, glass-filled polypropylene
- Available with internal shut-off valves
- Interconnect with each other and with similar industry non-spill couplings

### Specifications

- **Materials:**
  - Bodies & Terminations: Glass Filled Polypropylene
  - Internal Valves: Glass Filled Polypropylene
  - Internal Valve Springs: 316 Stainless Steel
  - Latch Spring: Stainless Steel
  - O-rings: EPDM
  - Thumb-latch: Glass Filled Polypropylene
- **Performance Ratings:**
  - Operating Pressure: Vacuum to 120psi; (8.3bar)
  - Temperature: -32°F to 160°F; (0°C to 71°C)
  - Flow Capacity: Between 1/8" (3.2 mm) and 1/4" (6.4 mm)
  - Fits Tubing IDs: 1/4" (6.4 mm) - 3/8" (9.5 mm)

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## Part Style

## Part Image

### Female Valved Straight

1/4" (6.4 mm) threaded  
1/4" (6.4 mm) tube ID  
3/8" (9.5 mm) tube ID



### Male Valved Straight

1/4" (6.4 mm) threaded  
1/4" (6.4 mm) tube ID  
3/8" (9.5 mm) tube ID



MAR-55GP-DS-01