

# Gas Connector L/MLV Coated

## Product Specifications

### Product Features

- 1OD 3/4MIP x 3/4MIP
- Tubing..... Annealed, 304 stainless steel (ASTM A240)
- Coating..... Custom Formulated Polymer
- Flare nuts..... Brass or plated steel
- Adapters..... Brass or plated steel
- Meets SAE J512 standard – 45° flare (with the exception of 1-1/8-16 threads of 1" OD)
- Approved for indoor and outdoor use
- Temperature rating of connector with adapters: -40°F to 150°F
- Temperature rating with valves: -40°F to 125°F
- 100% factory leak tested
- When installing a new appliance or when an existing appliance is moved to a new location a NEW gas connector must be used per manufacturer's installation instructions and per product standards ANSI Z21.24/CSA 6.10 and ANSI Z21.75/CSA 6.27.
- Not engineered for high temperature applications such as gas logs, fireplace inserts or free-standing fireplaces
- Not suitable for moveable installations. Not NSF certified
- Avoid repeated bending, flexing, or extreme vibration. Do not use on portable gas generators due to excessive vibration



### Design Certifications and Approvals

- ANSI Z21.24/CSA 6.10 – Connectors for Gas Appliances
- ANSI Z21.75/CSA 6.27 – Connectors for Outdoor Appliances and Manufactured Homes

### ⚠ WARNING

All installations must completely comply with all manufacturing company warnings and instructions, national, provincial and local codes and all applicable ANSI standards.

Connector Minimum Flow Capacity – **For Natural Gas** (per ANSI Z21.24/CSA 6.10 & ANSI Z21.75/CSA 6.27)  
Straight Length Capacity – BTU per Hr 0.64 SG., 1000 BTU per Cu. Ft. at 0.5 inch Water Column (124 Pa) Pressure

| Nominal OD<br>(in) | Nominal ID<br>(in) | 12" | 18" | 24"     | 36"     | 48"     | 60"     |
|--------------------|--------------------|-----|-----|---------|---------|---------|---------|
| 1"                 | 3/4"               |     |     | 290,900 | 255,900 | 215,000 | 197,400 |

Connector Minimum Flow Capacity – **For LPG** (per ANSI Z21.24/CSA 6.10 & ANSI Z21.75/CSA 6.27)  
Straight Length Capacity – BTU per Hr 1.55 SG., 2500 BTU per Cu. Ft. at 0.5 inch Water Column (124 Pa) Pressure

| Nominal OD<br>(in) | Nominal ID<br>(in) | 12" | 18" | 24"     | 36"     | 48"     | 60"     |
|--------------------|--------------------|-----|-----|---------|---------|---------|---------|
| 1"                 | 3/4"               |     |     | 465,440 | 409,440 | 344,000 | 315,840 |

**NOTICE:** When using 0.2 water column pressure drop, capacity can be determined by multiplying the values above by 0.632 (for both natural and propane gas).

| ✓ To<br>Submit | Part Number | Description |
|----------------|-------------|-------------|
|                | MLGCY21B-12 | 12"         |
|                | MLGCY21B-18 | 18"         |
|                | MLGCY21B-24 | 24"         |
|                | MLGCY21B-36 | 36"         |
|                | MLGCY21B-48 | 48"         |
|                | MLGCY21B-60 | 60"         |

### Warranty

See warranty information for more details.

All dimensions listed are nominal. MAINLINE® reserves the right to make product and material changes at any time without notice.



Contact your sales representative for more information or visit our website at [mainlinecollection.ca](http://mainlinecollection.ca)