

Applications

- Boilers
- Gas Meters
- Furnaces
- Commercial Water Heaters
- Gas packs/Rooftop HVAC units
- Tankless Water Heater
- Stationary Standby Gas Generators*
- Specifically designed for application with a significant BTU requirement. Can supply up to 1.5 million BTU (natural gas) or 2.4 million (propane), depending on length.
- Eliminates the need for pipe nipples, 90's and elbows.
- Pre-fabricated gas connector means no field threading, cutting or assembly of CSST fitting and tubing.
- Available with hot-dipped PVC coating with antimicrobial agent, Safety Shield yellow coating, or Stainless Steel.


Designed for high BTU demand

Exclusive No-Neck® design increases flexibility

CSA design-certified

Durable 304 stainless steel tubing

More corrugations per inch increase flexibility and extend service life




| 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 Pressure Drop | | | | | | | | | | |
| Series | Nominal OD (in) | Nominal ID (in) | 12'' | 18'' | 24'' | 30'' | 36'' | 48'' | 60'' | 72'' |
| 40/41/40C | 1'' | 3/4'' | 349,000 | 318,500 | 290,900 | 270,500 | 255,900 | 215,000 | 197,400 | 173,900 |
| 50/51 | 1-1/4'' | 1'' | 698,000 | 637,000 | 581,800 | 545,200 | 515,900 | 442,700 | 398,900 | 347,800 |
| 60/61 | 1-1/2'' | 1-1/4'' | 1,500,000 | ———— | 1,470,000 | ———— | 1,200,000 | 1,130,000 | 960,000 | 930,000 |


| Connector Minimum Flow Capacity – For Propane Gas (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 Pressure Drop | | | | | | | | | | |
| Series | Nominal OD (in) | Nominal ID (in) | 12'' | 18'' | 24'' | 30'' | 36'' | 48'' | 60'' | 72'' |
| 40/41/40C | 1'' | 3/4'' | 558,400 | 509,600 | 465,440 | 432,800 | 409,440 | 344,000 | 315,840 | 278,240 |
| 50/51 | 1-1/4'' | 1'' | 1,116,800 | 1,019,200 | 930,880 | 872,320 | 825,440 | 708,320 | 638,240 | 556,480 |
| 60/61 | 1-1/2'' | 1-1/4'' | 2,400,000 | ———— | 2,352,000 | ———— | 1,920,000 | 1,808,000 | 1,536,000 | 1,488,000 |

NOTE: 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). For capacities at other than noted, contact Dormont at 1-800-DORMONT.

Approvals and Certifications

- ANSI Z21.24/CSA 6.10 – Connectors for Gas Appliances
- ANSI Z21.75/CSA 6.27 – Connectors for Outdoor Appliances and Manufactured Homes
- City of New York – MEA #376-92-M
- Approved by the Commonwealth of Massachusetts Board of State Examiners of Plumbers and Gas Fitters – *connector length may not exceed 36''.*
- * Tested and passed vibration criteria set forth in UL2200, section 35.1.3.3, "Stationary Engine Generator Assemblies," and UL536, section 7, "Flexible Metallic Hose."

ALL INSTALLATIONS MUST COMPLETELY COMPLY WITH ALL DORMONT MANUFACTURING COMPANY WARNINGS AND INSTRUCTIONS, NATIONAL, STATE AND LOCAL CODES AND ALL APPLICABLE ANSI STANDARDS.

 40/41, 50/51 and 60/61 series only are IAPMO approved

Features and Specifications

- Tubing Annealed, 304 stainless steel (ASTM A240)
- Flare nuts. Brass or plated steel
- Adapters Brass or plated steel
- Optional coating . . . Heavy-duty, antimicrobial, hot-dipped gray PVC (41, 51 & 61 series). Coating will not hold a flame.
- Approved for indoor and outdoor use
- Operating temperature with adapters: -40°F to 150°F
- 100% 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.
- Avoid repeated bending, flexing, or extreme vibration. Do not use on portable gas generators due to excessive vibration
- Not suitable for moveable installations. Not NSF certified.