

Corrugated Stainless Steel for Gas Connectors

Complete selection of flexible connectors for gas appliance applications.

Required System Components

- Easyflex Gas Connector

Required Tools

- Two 10" adjustable wrenches
- Pipe thread sealant
- Leak detection solution
- Cleaning rag

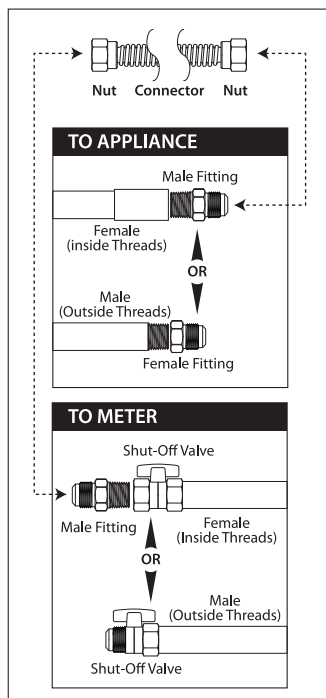
WARNING : Turn off gas supply before disconnecting old appliance. In absence of manual shut-off valve near appliance location, gas **MUST** be shut off on the main valve, near the meter.

* A shut-off valve is not included with this connector.

* Note : Fuel codes require installation of a manual shut-off valve in the same room that is within easy reach of the appliance (i.e. within 6 feet).



< Figure 1 >



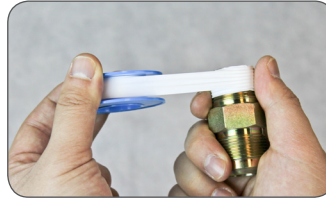
CAUTION & WARNING

- The installation **MUST BE** compliant with the National Fuel Gas Code (ANSI Z223.1) and local installation codes.
- The installation and testing **MUST** be performed by a qualified professional. Make sure that the gas supply and gas valves of the appliances are shut off before the installation of gas connector.
- **DO NOT REUSE** any connectors, fittings and valves. They are designed for use on original installation only. Removal of connector and any additional handling may damage connector making it unsafe and unreliable for reuse.
- **DO NOT use this connector if it has been in a fire.** Fire can damage the connector making it unsafe for reuse.
- **DO NOT use this connector on appliances equipped with rollers or casters.** This connector is designed for limited movement after installation. Repeated bending, flexing or extreme vibration can cause metal fatigue and must be avoided.
- **DO NOT use connectors to make a direct connection to LP gas containers.** Connection **MUST** be made to the regulator device only.
- **DO NOT use connector on appliance in moving vehicles** such as RV's, trailers, etc. However, this product may be used in manufactured housing, like permanent residence mobile homes.
- **DO NOT use this connector with infrared radiant tube heaters.** Cyclic movement of heater may cause connector to fail.
- **Keep cleaning solvents containing ammonia or chlorine away from uncoated or damaged gas connectors. DO NOT store** these solutions near connectors or use the connectors near a swimming pool or hot tub. If exposed to these chemical products, rinse the connectors thoroughly with water.
- **DO NOT join two or more connectors to make a longer connector.**
- **DO NOT stretch connector to make it fit.** Connector should be of adequate length to reach from the gas supply line to the appliance without stretching.
- **DO NOT conceal connector or run connector through enclosed outdoor BBQ pits, walls, partitions, floors or appliance panels.** The gas outlet must be in the same room as appliance.
- **DO NOT assemble gas connector nuts directly to male pipe threads** of gas supply pipe or appliance. Install connector using the fittings provided. (See Figure 1)

Codes and Regulations Gas appliance and connector installation **MUST** comply with all local codes and regulations including municipal and state building codes, and to all local utility regulations. In the absence of local code, the installation must comply with the National Fuel Gas Code ANSI Z223.1/ NFPA 54, and/or Natural Gas or Propane Installation Code, CSA B149.1. Contact your local gas company for details.



1. Clean all pipe threads with a soft bristle brush and rag to ensure connections are free of any debris such as metal shavings, rust, dirt, oil or water.



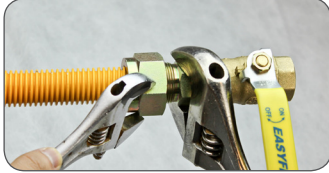
2. Apply pipe thread sealant to the male pipe threads of connection. **DO NOT** apply grease, oil, sealant or tape to flare ends of fitting or shut-off valve. Sealant and tape will prevent this connection from sealing properly.



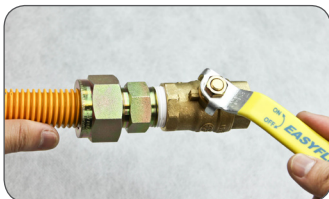
3. Thread steel fitting to manual shut-off valve and other steel fitting onto appliance regulator.

Thread flare nuts of gas connector onto shut-off valve and steel fitting. Wrench tighten all connections. **DO NOT** use a pipe wrench on the connector flare nut.

* If necessary, thread new manual shut-off valve onto gas supply pipe that is wrench tighten. Use a wrench only on the hex surfaces of the fittings.



- CAUTION : **DO NOT** stretch the connector to make it fit. Connector must be long enough to allow the appliance to be positioned at its farthest anticipated connected distance from the gas supply without stretching, twisting or bending that is smaller than a 1-1/2 internal diameter (i.e. approximately the diameter of a golf ball).
- CAUTION : **DO NOT** trap connector against sharp edges or corners.
- CAUTION : **DO NOT** kink, or bend connector sharply on right angles.



3. Turn manual shut-off valve on to allow gas to enter the system after installation.



- WARNING: **DO NOT TURN ON APPLIANCE** until all connections have been leak tested properly.
- WARNING: **DO NOT USE** lighters, matches, candles, open flames or other sources of ignition to leak test connections!



4. Test all connections with non-corrosive gas leak test solution; bubbles will indicate a leak. If a leak is detected, turn off gas supply before further tightening connections. Water rinse and towel dry connection once test is complete.



TEST

- Wait at least 10 minutes or more to be certain that all vapors have dissipated. If the leak test confirms connections do not leak gas and you do not smell any gas, **THEN** light pilot(s) and turn on appliance again.
- If you smell gas, turn off the gas at main shut- off valve and call a licensed plumber to check for leaks and fix any other problems.