



CITY OF KYLE



Building and Code Services

Code Interpretation 4202-52-01

Questions:

- Should pipe sealants or sealing (Teflon) tape be used on gas appliance connectors?
- Can appliance connectors be reused?

Interpretation supporting literature:

- **2021 International Fuel Gas Code section 404.1(2415.1 IRC) Installation of Materials.**
 - Materials used shall be installed in strict accordance with the standards under which the materials are accepted and approved. In the absence of such installation procedures, the manufacturer's instructions shall be followed. Where the requirements of referenced standards or manufacturers' instructions do not conform to the minimum provisions of this code, the provisions of this code shall apply.
- **Brasscraft Installation Specifications for Gas Appliance Connectors.**
 - Apply pipe thread sealant to the male pipe threads of connection. DO NOT apply sealant or tape to flare ends of fittings or shut-off valve. Sealant and tape will prevent this connection from sealing properly.
 - **DO NOT REUSE.** The connector and fittings are designed for use only on the original installation and are not to be reused for another appliance or at another location.

Conclusion:

- The uses of sealant or (Teflon) tape will not be permitted to be installed on the flared end or shutoff valve of gas appliance connectors. Tape and sealant should only be used on the male ends of the gas pipe entering the gas shutoff valve for the appliance.
- If sealant or tape is found on the valve or the appliance connector, the connector will need to be removed and replaced or thoroughly cleaned to pass the inspection. The appliance connector will not have to be replaced unless it is to be reused for another appliance or at another location.

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City of Kyle