

**ICC-ES PMG Listing****PMG-1036***Effective Date: July 1, 2009**This listing is subject to re-examination in one year.*

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CSI:            DIVISION: 15—MECHANICAL  
                  Section: 15190—Fuel Piping

Products:    Viega LLC's ProPressG System: Press-connect copper and copper alloy fittings for fuel gas distribution systems.

Listee:        Viega LLC  
                  301 North Main Street, Floor 9  
                  Wichita, Kansas 67202  
                  [www.viega.com](http://www.viega.com)

Compliance with the following codes:

2006 *International Fuel Gas Code*® (2006 IFGC)  
2006 *International Residential Code*® (2006 IRC)  
2006 *IAPMO Uniform Plumbing Code*® (2006 IAPMO UPC)  
2009 *International Fuel Gas Code*® (IFGC)  
2009 *International Residential Code*® (IRC)  
2009 *IAPMO Uniform Plumbing Code*® (IAPMO UPC)

Compliance with the following standards:

ASTM B 88-03, Standard Specification for Seamless Copper Water Tube  
ANSI LC 4-07, Press-connect Copper and Copper Alloy Fittings for Use in Fuel Gas Distribution Systems

Identification:

Fittings: The Viega LLC ProPressG fittings must bear a permanent marking with the following information:

- Manufacturer's name or trademark (Viega).
- Nominal size corresponding to the copper tube size.
- Date of manufacture (date code or batch code).
- Maximum specified operating pressure.
- Color identification: yellow (for fuel gas only).
- Mark of the third-party inspection agency (CSA International, AA-659).

Packages of fittings must bear the manufacturer's name (Viega LLC), product name (ProPressG), model number and the ICC-ES PMG listing mark. The ICC-ES listing number (PMG-1036) is optional.

Installation:

Viega ProPressG fittings must be installed in accordance with this listing, the applicable code and the manufacturer's published installation instructions. The manufacturer's published installation

instructions must be furnished to the code official. Installation is subject to approval by the code official having jurisdiction.

Models: Fittings:

The Viega ProPressG fittings are available in sizes from 1/2 inch (13 mm) to 2 inches (51 mm). Viega ProPressG fittings are rated for a maximum operating pressure of 125 pounds per square inch gauge (psig) (34 kPa gauge). Each fitting is available in copper or copper alloy and is provided with a factory-installed HNBR (hydrogenated nitrile butadiene rubber) sealing element. All fittings have a built-in Smart Connect (SC) feature. The function of the SC feature is to identify connections which have not been pressed.

	DESCRIPTION	SIZE RANGE
<b>ADAPTOR</b>	Bronze Male Adaptors: C x M NPT	1/2" to 2"
	Bronze Female Adaptors: C x F NPT	1/2" to 2"
	Bronze Female Adaptors: FTG x F NPT	1/2" to 2"
	Bronze Male Adaptors: FTG x M NPT	1/2" to 2"
<b>CAP</b>	Copper Caps	1/2" to 2"
<b>COUPLING</b>	Copper Couplings with Stop: C x C	1/2" to 2"
	Copper Coupling w/o Stop: C x C	1/2" to 2"
<b>ELBOW</b>	Copper Elbow 90 degrees: C x C	1/2" to 2"
	Copper Elbow 90 degrees: FTG x C	1/2" to 2"
	Copper Elbow 90 degrees: C x M NPT	1/2" to 2"
	Copper Elbow 45 degrees: C x C	1/2" to 2"
	Copper Elbow 45 degrees: FTG x C	1/2" to 2"
<b>FITTING REDUCER</b>	Copper Reducer: FTG x C	1/2" to 2"
	Copper Reducer: C x C	1/2" to 2"
<b>TEE</b>	Copper Tee: C x C x C	1/2" to 2"
<b>MANIFOLD</b>	Copper Manifold Tee: C x FTG x C	1/2" to 2"
	Copper Manifold: 3 Outlet, C x FTG x C	1" x 1" x 1/2"
<b>UNION</b>	Bronze Union: C x M NPT	1/2" to 2"
	Bronze Union: C x C	1/2" to 2"
<b>BALL VALVE</b>	Ball Valve (SC)	1/2" to 2"

For SI: 1 inch = 25.4 mm.

Conditions of Listing:

1. In accordance with IFGC Section 402.6 and UPC Section 1211.5, the maximum design operating pressure for piping systems located inside buildings must not exceed 5 psig (34 kPa gauge) except where at least one of the following conditions is met:
  - a. The piping system is welded.
  - b. The piping is located in a ventilated chase or otherwise enclosed for protection against accidental gas accumulation.
  - c. The piping is located inside buildings or in separate areas of buildings used exclusively for:
    - i. Industrial processing or heating.

- ii. Research.
    - iii. Warehousing.
    - iv. Boiler or mechanical rooms.
  - d. The piping is a temporary installation for buildings under construction.
  - e. The piping serves appliances or equipment used for agricultural purposes.
  - f. The piping system is an LP-gas piping system with design operating pressure greater than 20 psi (137.9 kPa), and complies with NFPA 58 (IFGC) or NFPA 54 (UPC).
2. When piping is installed in vertical chases under the UBC, the gas piping exceeding 5 psig (34 kPa) must be installed in accordance with UBC Section 1211.4.
3. Fittings are for use with ASTM B 88, Type L or Type K, copper only.
4. Operating temperature range must be within minus 40°F to plus 180°F (minus 40°C to plus 82.2°C).
5. The fittings have not been evaluated for use when embedded in a solid material such as concrete.
6. The fitting installation must be pressure-tested for leaks in the presence of the code official or the official's designated representative in accordance with the applicable code.
7. The fittings are manufactured in Grossheringen, Germany, and Ennest, Germany, under a quality control program with one surveillance inspection per year by NSF International (AA-633).