

SystemData

viEGA

Viega ProPress®G Fitting Systems

System Description

The ProPressG system is a copper press connection system designed to meet the demands of natural gas and propane gas in the vapor state as well as fuel oil systems. Press fittings are manufactured in copper, and fittings with NPT connections are manufactured in bronze. ProPressG utilizes an HNBR sealing element to provide permanent leak-proof connections in dimensions from ½" to 2".

ProPressG is approved for the use with hard copper tubing from ½" to 2" and soft copper tubing in ½" to 1¼" diameters. All tubing must comply with ASTM B88 standards. ProPressG fittings are also approved for installations in above and below ground applications.

Listings & Certificates

- CSA International
- ICC-ES PMG 1036
- IAPMO/UPC LC-4

International Listings and Certificates

- Lloyd's Register (LR)
- Det Norske Veritas (DNV)
- Registro Italiano Navale (RINA)
- Bureau Veritas (BV)
- KIWA

Compliant with:

- IFGC International Fuel Gas Code
- NFPA 54/Z223.1 National Fuel Gas Code
- NFPA 58 Liquefied Petroleum Gas Code
- UPC Chapter 12 Fuel Piping
- NFPA 30 Flammable and Combustible Liquids code
- NFPA 30A Code for Motor Fuel Dispensing Facilities and Repair Garages
- NFPA 31 Standard for the Installation of Oil-Burning Equipment (supply line only)

Viega ProPressG fittings are offered in configurations including: Elbows, Couplings, Reducers, Tees, Reducing Tees, Threaded Adapters, Unions and Caps.

Operating Parameters

Operating Pressure: 125 PSI maximum

Test Pressure: 600 PSI maximum

Operating Temperature: -40°F to 180°F

This document subject to updates. For the most current Viega technical literature please visit www.viega.us.

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SD-PPG 0615 (ProPressG Systems)



Approved Applications

- Natural Gas
- Propane Gas
- Mixed Fuel Gases (vapor state only)
- Manufactured Fuel Gases
- Butane
- Fuel Oil
- Carbon Dioxide CO₂
- Vacuum 29.2" Mercury
- Diesel Fuel
- Motor Oil

Note: Systems must be installed per local code requirements. See approved applications bulletin for allowable temperature and pressure ranges.

In ProPressG ½" to 2" dimensions, the Smart Connect Feature assures leakage of liquids and/or gases from inside the system past the sealing element of an unpressed connection. The function of this feature is to provide the installer quick and easy identification of connections which have not been pressed prior to putting the system into operation.

Recommended Tools:

- RIDGID RP 200-B (½" to 1¼")
- RIDGID RP 210-B (½" to 1¼")
- RIDGID RP 330-B or 330-C
- RIDGID RP 340