

System Data

Viega ProPress® 316 for Marine



ProPress 316 is a stainless steel system designed to be used with Viega 316 stainless steel tubing to form a complete press system that is ideal for potable water and durable enough to handle industrial applications or environments. ProPress 316 fittings feature the same

EPDM sealing element found in ProPress copper fittings and provide the same permanent leak-free connections in dimensions from ½" to 4". ProPress 316 fittings are offered in configurations including: elbows, couplings, reducers, tees, reducing tees, threaded adapters, unions, caps, and flanges.

Advantages

- Up to 90% time savings
- Lowest overall installed cost
- Marine approved joining technology
- Technical field support
- No hot work, fire permit, or chemist required
- Smart Connect® technology

Components

- Alloy: 316 stainless steel
- EPDM sealing element
- 420 stainless steel bite ring for 2½" to 4" fittings
- PBT separator ring for 2½" to 4" fittings

Operating Parameters

- Operating Pressure: 232 psi M.A.W.P.
- Test Pressure: 600 psi max
- Operating Temperatures: 14°F to 230°F (-10°C to 110°C)
Operating temperatures dependent on EPDM sealing element.



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

Listings and Certificates

Marine:

- ABS type approval
- BV: Bureau Veritas
- DNV-GL
- Lloyds Register
- RINA
- USCG Acceptance Letter

Land based:

- IAPMO/ANSI/CAN Z1117
- ICC LC1002
- NSF®-61-372
- TSSA/B31
- UL 213

Compliant With

- ISO 19921, 19922 Fire Resistance Test
- IACS P2.11.5
- ISO 9001 Quality Management System Certification

Marine and Offshore Applications

- Compressed air including service and control air
- Fire sprinkler
- Fire-main (wet or dry)
- Hot/cold potable water
- Cooling water
- Low pressure steam

Refer to specific type approval for list of applicable systems and conditions. For use in Class III pipe components for media in accordance with section 4.6.2 Tables 9 and 10 of the ABS Steel Vessel Rules for compression couplings. The fittings are an approved fire-resistant type.

Shipbuilding Rules

The ProPress system conforms to the following:

- ABS Steel Vessel Rules
- United States Coast Guard
- International Association of Classification Societies
 - Requirements concerning pipes and pressure vessels



Viega products must be installed by trained installers. ProPress credential training is provided at no cost by Viega and is recommended every two years. Please contact Viega to arrange credential training on-site or at our training facility. **Installation by non-professionals may void Viega LLC's warranty.**

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