

Company Name Details

Company Information	Additional Company / Plant Detail	Confirmation of Type Approval
VIEGA GMBH & CO. KG P.O. BOX 430/440 D-57428 ATTENDORN Germany Tel 49-27-2261-0 Fax 49-27-2261-1206 Email: info@viega.de Website: www.viega.de		This product doesn't have a Confirmation of Type Approval.

Certificate Number	Category	Expiry Date

Product	Piping System and Couplings
Model	Viega Imperial CTS system ProPress 316 (formerly known as ProPress Stainless, ProPress Stainless XL), ProPress 304 FKM Viega Metric CTS system Sanpress Inox and Sanpress Inox XL

Endorsements

Tier 2 - PDA Issued

Intended Service

For use in Class III piping. -Flammable Fluids (flashpoint < 60° C)* : cargo oil lines (1), crude oil washing lines (2), vent lines (3), Inert Gas: water seal effluent lines (4), scrubber effluent lines (5), main lines (6), distribution lines (7), Flammable Fluids (flashpoint > 60° C)*: cargo oil lines (8), fuel oil lines (9), lubricating oil lines (10), hydraulic oil (11), thermal oil (12), Sea Water: bilge lines (13), water filled fire extinguishing systems (14), non-water filled extinguishing systems (15), fire main (not permanently filled)(16), ballast system (17), cooling water system (18), tank cleaning services (19), non-essential systems (20), Fresh Water: cooling water systems (21), condensate return (22), non-essential system (23), Sanitary/Drains/Scuppers: deck drains (internal)(24), sanitary drains (25), scuppers and discharge (overboard)(26), Sounding/Vent: water tanks/dry spaces (27), oil tanks (f.p.>60°C)(28), Miscellaneous: starting/control air (29), service air (non-essential)(30), brine (31), CO² system (32), steam (33) *Flammable fluid applications require a HNBR or FKM sealing element. Sealing elements are interchangeable.

Description

Viega Metric CTS system fittings: Sanpress Inox, Sanpress Inox XL; Viega Imperial CTS system: ProPress 304 FKM, ProPress 316 1/2" - 4". (Formerly known as ProPress Stainless and ProPress Stainless XL) See attached "pdf" for models.

Stainless steel press system with stainless steel fittings and pipe tubing. Integral with EPDM ProPress 316, Sanpress Inox, Sanpress Inox XL), Integral with FKM (ProPress 304 FKM), sealing elements and SC-feature.

(*Flammable fluid applications require a HNBR or FKM sealing element. Sealing elements are interchangeable). Pressing is achieved by a press tool per the fitting manufacturer's installation instructions.

Product range in nominal tube/pipe size. ProPress 316 1/2" - 4". (Formerly known as ProPress Stainless and ProPress Stainless XL), ProPress 304 FKM, Sanpress Inox 15mm - 54mm, Sanpress Inox XL 64mm - 108mm

M.A.W.P. 16 bar (232 psi), 1.6 MPa

Vacuum lines 170 mbar absolute (-12.04 psi/-24.5 in Hg, -0.083 MPa) acc. to the IACS test methods P2.11.5.5.7.

Ratings

Maximum Operating Temperature

FKM: 23°F - 284°F (-5°C - 140°C)

EPDM: 14°F - 230°F (-10°C - 110°C)

HNBR: -40°F - 180°F (-40°C - 82°C)

-The fittings are an approved fire resistant type.

- Slip on joint requirements shall not apply to Sanpress Inox and Inox XL; ProPress 304 FKM and ProPress 316 fittings.

- Unit Certification is not required for this product. If the manufacturer or purchaser request an ABS Certificate for compliance with a specification or standard, the specification or standard, including inspection standards and tolerances, must be clearly defined.

Service

Restrictions

- The fittings are to be installed in accordance with the manufacturer's recommendation / limitations / requirements.

- EPDM should not be used in flammable fluid applications.

- *Flammable fluid applications require a HNBR or FKM sealing element.

Comments

The Manufacturer has provided a declaration about the control of, or the lack of Asbestos in this product.

Notes, Drawing and Documentation

Drawing No. G1_US_ABS_2016-09-

05_Product_Design_Assessment_Sanpress_INOX_EPDM-HNBR-

FKM_sealing_element_neu,: -, Pages: -

Drawing No. Phoenix Fire Resistance Test Certificates: 805308, 805309, 805310, 805311 dated 29 Oct. 2008;

This Product Design Assessment (PDA) Certificate remains valid until 07/Feb/2026 or until the Rules and/or Standards used in the assessment are revised or until there is a design modification warranting design reassessment (whichever occurs first).

Term of Validity	<p>Acceptance of product is limited to the "Intended Service" details prescribed in the certificate and as per applicable Rules and Standards.</p> <p>This Certificate is valid for installation of the listed product on ABS units which exist or are under contract for construction on or previous to the effective date of the ABS Rules and standards applied at the time of PDA issuance. Use of the Product for non-ABS units is subject to agreement between the manufacturer and intended client.</p>
ABS Rules	<p>Rules for Conditions of Classification, Part 1 - 2021 Rules for Building and Classing Marine Vessels 1-1-4/7.7, 1-1-A3, 1-1-A4, which covers the following: 2021 Marine Vessel Rules: 4-6-1/Table 1, 4-6-1/Table 2, 4-6-2/5.9 and 4-6-2/Table 4/Table 10/Table 11/Table 12</p> <p>Rules for Conditions of Classification, Part 1 - 2021 Rules for Building and Classing Mobile Offshore Units 1-1-4/9.7, 1-1-A2, 1-1-A3, which covers the following: 2021 Mobile Offshore Units Rules: 4-2-1/5, 4-2-1/11.13</p> <p>Rules for Conditions of Classification, Part 1 - 2021 High Speed Craft 1-1-4/11.9, 1-1-A2, 1-1-A3, which covers the following: 2021 High Speed Naval Craft Rules: 4-6-2/5.9;</p>
National Standard	<p>UL 213- 2019; NSF 61- 2019; NSF 372- 2016; FM Class 1920- 2007; ICC-ES IC 1002- 2013 IAPMO PS 117- 2019; ASME B16.51- 2013; ASME B31.1- 2018; ASME B31.3- 2018; ASME B31.9- 2017</p>
International Standard	<p>ISO 19921:2005 ISO 19922: 2005</p>
Government Standard	<p>USCG LTR 16714 (2019-3650) Dated 07May 19</p>
EUMED Standard	<p>NA</p>
Others Standard	<p>IACS Standard P2 Requirements; 2016 Manufacturer' s Technical Regulation Spec. W534; WNo 1.4401 (DIN 17455).</p>

Model Certificate	Model Certificate #	Issue Date	Expiry Date
PDA	21-2079215-PDA	08-FEB-2021	07-FEB-2026