

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	Seapress and Seapress XL CuNiFe Fittings & Pipe

Endorsements

Tier	2 - PDA Issued
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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	<p>90/10 Copper Nickel (CuNiFe) compression coupling fitting system with press connection technology, suitable for CuNiFe system pipes according to DIN 86019 and 85004 Standards.</p> <p>Size: Seapress (15mm - 54mm) & Seapress XL (76mm to 108mm). Integral with EPDM sealing elements.</p> <p>(*Flammable fluid applications require a HNBR or FKM sealing element. Sealing elements are interchangeable).</p> <p>The fittings are an approved fire resistant type. Applications per 4-6-2/Tables 9 &10 of the MVR for compression couplings/IACS P2.7.4 Rev. 9, Mechanical Joints 4-6-2/ Tables 6 & 7.</p> <p>*Flammable fluid applications require a HNBR or FKM sealing element. Sealing elements are interchangeable.</p>
Ratings	<p>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.</p> <p>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)</p>
Service Restrictions	<ul style="list-style-type: none"> -The fittings are an approved fire resistant type. - Slip on joint requirements shall not apply to SeaPress and SeaPress XL CuNiFe 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. -The fittings are to be installed in accordance with the manufacturer's recommendation / limitations / requirements. - EPDM should not be used in flammable fluid applications.
Comments	<ol style="list-style-type: none"> 1. The Manufacturer has provided a declaration about the control of, or the lack of Asbestos in this product. 2. Domestic & International Standards listed have been determined equivalent compliance with ASTM F1387 (USCG Letter dated 27 JAN 2006 16703 2005-137).
Notes, Drawing and Documentation	<p>Drawing No. H5_US_ABS_2016_09-05_Product_Design_Assessment_Seapress, Revision: -, Pages: - Drawing No Test report MPA NRW # 12 0003163, Phoenix Fire Resistance Test Certificates: 805312, 805313, 805314, 805315 dtd 29 Oct.08</p>

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	Acceptance of product is limited to the "Intended Service" details prescribed in the certificate and as per applicable Rules and Standards.
	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.
	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
ABS Rules	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
	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;
National Standard	UL 213, 2015; IACS Burst test 18 Sept 08
International Standard	ISO 19921:2005, ISO 19922: 2005. CuNi10Fe1.6Mn (2.1972.11 acc. to DIN 86019); 2006
Government Standard	USCG LTR 16714 (2019-3650) Dated 07May 19
EUMED Standard	NA
Others Standard	IACS Standard P2 Requirements

Model Certificate	Model Certificate #	Issue Date	Expiry Date
PDA	21-2079213-PDA	08-FEB-2021	07-FEB-2026