



TYPE APPROVAL CERTIFICATE
No. MAC010525CS/001

This is to certify that the product identified below is in compliance with the regulations herewith specified.

<i>Description</i>	Non metallic flexible hoses
<i>Type</i>	MARINE SANITARY HOSE - VACUUM
<i>Applicant</i>	ALFAGOMMA HYDRAULIC SPA VIA ENRICO MATTEI 6 64020 Castelnuovo Vomano (TE) ITALY
<i>Manufacturer</i>	SITEF SERVICE S.R.L.
<i>Place of manufacture</i>	VIA ATTILIO DI SANTE SNC FRAZIONE: SANT'ATTO NUCLEO INDUSTRIALE 64100 Teramo (TE) ITALY
<i>Reference standards</i>	Part C, Chapter 1, Section 10 of RINA Rules

Issued in **GENOVA** on **April 29, 2025**. *This Certificate is valid until* **April 27, 2029**

RINA Services S.p.A.
Luigi Benedetti

This certificate consists of this page and 1 enclosure

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MARINE SANITARY HOSE -
VACUUM

Reference documentation:

- *Constructional drawings and specification:*

PPVT-40332 ag_sfh-pvc

- *Technical Specification : 47200*

- *Test Report:*

Test Report 2021AN01525 - 02/07/2021
Test Report 2021AN01706 - 21/09/2021
Test Report 2021AN01751 - 14/10/2021 filed with PPVT-37010
Test Report 2022AN01869 - 14/10/2021 filed with PPVT-40333
Test Report 2024AN844 - 06/12/2024 filed with PPVT-22610

Technical characteristic

Diameters: DN 40, DN50

Working pressure: atmospheric pressure - vacuum 0.55 bar

Working temperature: min 5°C, + 60°C;

Joints material: AISI 316;

Hose layers materials: Internal PVC, Intermediate Steel helix wire and eventually external AISI 304 (optional) .

Application

- Syphone for sanitary systems (grey and black water) or similar.

Remarks

The acceptance of the hydraulic cylinders on board ships and other units classed with RINA is subject to the satisfactory outcome of testing as per RINA Rules.
The product is to be surveyed by the Society during testing.

The installation on board is to be made in accordance with the manufacturer instructions.

The Society must be kept informed of any changes in the product characteristic

The installation on board is to be made in accordance with the Manufacturer's assembly instructions. Where special tools are required for installation, these are to be supplied by the Manufacturer.

This certificate can be withdrawn in case of unsatisfactory working results of product or changes in RINA Rules coming into force.

Validity of this Certificate is subject to positive outcome of periodical Audit as per Rules for Testing and Certification of Marine Materials and Equipment.

GENOVA April 29, 2025