



**TYPE APPROVAL CERTIFICATE**  
**No. MAC010525CS/002**

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

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

*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

TYPE APPROVAL CERTIFICATE  
No. **MAC010525CS/002**  
Enclosure - Page 1 of 1  
MARINE SANITARY HOSE - GRAVITY

**Reference documentation:**

- *Constructional drawings and specification:*

PPVT-40343 ag\_sfh-pu

- *Technical Specification: 161OL*

- *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: DN40 and DN50

Working pressure: atmospheric pressure

Working temperature: min 5°C, + 60°C;

Joints material: AISI 316;

Hose layers materials: Internal PU, Intermediate rigid PVC and eventually external AISI 304 ( optional ) .

**Application**

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

**Remarks**

The installation on board is to be carried out in accordance with Manufacturer's instructions.

The products are to be permanently marked, for traceability, in compliance with para. 7.2 of RINA "Rules for the type approval of flexible hoses and expansion joints".

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

This certificate can be withdrawn in case of unsatisfactory working results of product or changes in RINA Rules coming into force.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