

EC TYPE-EXAMINATION CERTIFICATE (Module B)

Application Of:

DIRECTIVE 2014/90/EU of 23rd July 2014 and REGULATION (EU) 2022/1157 of 04th July 2022

Certificate N° 0987/MED-B/990

This Certificate consists of 2 pages

This is to certify that the product

PREMIER ONE RW

(Inch: from 1/4" to 1") – (Nominal Diameter: from 06 to 25) - (AVP Fitting - Type: no skive)

Item: MED/3.15c

Product type:

MATERIALS OTHER THAN STEEL FOR PIPES CONVEYING OIL OR FUEL OIL:
FLEXIBLE PIPE ASSEMBLIES AND COMPENSATORS

Supplied / Manufactured by:

VITILLO S.p.A.

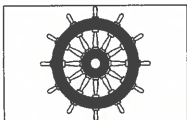
Via Camporeale Zona Pip snc - 83031 ARIANO IRPINO (AV) - Italy

Complies with the requirements in the following Regulations/Standards:

Annex B, Module B in the above Directive and as applicable:

1. SOLAS 74 as amended Reg. II-2/4, - Reg. X/3.
2. Reg. II-2/4, - IMO Res. MSC 36 (63) - (Code HSC 1994) 7, 10, - IMO Res. MSC 97 (73) - (Code HSC 2000) 7, 10, - IMO MSC Circ. 1120.
3. ISO 15540 (2016); ISO 15541 (2016).

Further details of the product and conditions for certification are given overleaf



The Manufacturer is allowed to affix the Mark of conformity according to the Article 10 in the Council Directive 2014/90/EU on Marine Equipment and issue a Declaration of Conformity, only when the Module D or E or F of Annex B in the same Directive is fully complied with.

Prato, 31/01/2023

The Technical Director

The Certification Manager

PROPOSED

Luca Ermini

APPROVED

David Borsini

This certificate is valid until 30/01/2028

This Certificate is issued under the Authority of Ministero delle Infrastrutture e dei Trasporti Comando Generale del Corpo delle Capitanerie di Porto according to decreto dirigenziale N° 90/2021 of 08 February 2021.

Product description:

Appearance: flexible black hose with metallic fittings at both ends.
 Technical data: Vitillo S.p.A. Technical data sheet.

Technical data of hose:

Construction	%	Material	Weight
Cover	21÷28	Synthetic rubber, compound CSM base Nominal thickness : 1.0÷1.6 mm	///
Reinforcement	45÷56	One high tensile brass-plated steel wire braid Nominal thickness : 1÷1.52 mm	///
Core (Underlayer)	23÷29	Synthetic rubber, elastomeric compound NBR base Nominal thickness : 1.5÷2.0 mm	///

Note: for the composition and the detailed technical data, refer to the sheets of workmanship control managed by the Sponsor. Sampling by the Sponsor from the production batch (PREMIER ONE RW): n° L 2208063 Sampling date 21 October 2022 (DN 06 - 1/4"); n° L 2209176 Sampling date 13 December 2022 (DN 12 - 1/2"); n° L 2209196 Sampling date 13 December 2022 (DN 25 - 1") c/o the Factory located in S.S. 90 Km 20,500 - 83031 ARIANO IRPINO (AV).
 Nominal diameter: from 06 (1/4") to 25 (1"). - Working pressure: from 135 bar (DN 25) to 290 bar (DN 06).
 Weight: from 0.195 kg/m (DN 06) to 0.808 kg/m (DN 25).
 Fittings: n.2 no skive ferrule - Metal: AVP zinc plating - Producer: VITILLO S.p.A.



Technical File Reference: 142/23

Applications / Limitations:

- The material fulfils the requirements of **ISO 15540: 2016** as referred to in DIRECTIVE 2014/90/EU of 23rd July 2014 and REGULATION (EU) 2022/1157 of 04th July 2022 - MED/3.15c.

The compliance is valid for:

- All the colours.
- All the nominal hose diameters from 6.4 mm (inch 1/4") to 25.4 mm (inch 1"), these extremes included.

The compliance is valid moreover provided that:

- The composition and the structure of the hose remains the same as the one declared.
- The fittings (no skive type) remain the same as the ones relative supplied for the type examination.

Moreover according to Directive 2014/90/EU, Annex II Paragraph 3, a project examination and a risk evaluation have been carried out. Concerning this aspect, the Sponsor has declared that the applicable standard cover all the reasonable risk that can be foreseen. This Notified Body maintains such a declaration in the files relative to the product object of this EC Type Examination.

Type approval documentation:

Product	Test Report no.	Issued by
PREMIER ONE RW 1/4" (Nom. diameter: 06) - (Size: -4)	<ul style="list-style-type: none"> 2368.0IS0110/22 - ISO 15540: 2016 Ship and marine technology - Fire resistance of non-metallic hose assemblies and non-metallic compensators - Test methods 	LAPI Laboratorio Prevenzione Incendi S.p.A. - Italy -
PREMIER ONE RW 1/2" (Nom. diameter: 12) - (Size: -8)	<ul style="list-style-type: none"> 2369.0IS0110/22 - ISO 15540: 2016 Ship and marine technology - Fire resistance of non-metallic hose assemblies and non-metallic compensators - Test methods 	Notified Testing Body N° 0987 EN 17025 Accredited Laboratory
PREMIER ONE RW 1" (Nom. diameter: 25) - (Size: -16)	<ul style="list-style-type: none"> 2370.0IS0110/22 - ISO 15540: 2016 Ship and marine technology - Fire resistance of non-metallic hose assemblies and non-metallic compensators - Test methods 	IMO Testing Laboratory SSE.1 / Circ. 3 Rev. 2 (2019)

===== End of Document =====