

EC Type Examination Certificate

This is to certify that:

BODTECH Sp. z o.o.
Mszanska 1A
Wodzislaw Slaski
44-304
Poland

Holds Certificate Number:

BSI/A.1/3.29/716480

In respect of:

MED/3.29 - Fire-fighting Hoses - Non-percolating Lay Flat Fire-fighting Hoses (range of the inside diameter from 25mm to 52mm)

Product Type – 38mm, 45mm, 52mm Non-percolating Lay Flat Fire-fighting Hoses for Fixed Systems

Product Standard – EN 14540:2014

on the basis that BSI carried out the relevant EC type examination procedures for the equipment identified above which was found to be in compliance with the Marine Equipment Directive (MED) 2014/90/EU and Regulation (EU) 2018/773, subject to any conditions in the schedule attached hereto. The attached schedule of approval forms part of this certificate.

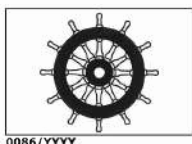
For and on behalf of BSI, a Notified Body for the above Directive (Notified Body Number 0086):


Chris Lewis - Certification Director, Product Certification

First Issued: 2019-11-08

Latest Issue: 2019-11-08

Expiry Date: 2022-05-31



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EC Type Examination Certificate

No. BSI/A.1/3.29/716480

Schedule of Approval

Product Designation :

Model	Description
15-38-XX	15BAR, 38mm Inside Diameter, Non-percolating Lay Flat Fire Fighting Hose. XX = Length.
15-45-XX	15BAR, 45mm Inside Diameter, Non-percolating Lay Flat Fire Fighting Hose. XX = Length.
15-52-XX	15BAR, 52mm Inside Diameter, Non-percolating Lay Flat Fire Fighting Hose. XX = Length.

Product Specifications :

Inside Diameter (mm)	Tolerance (mm)	Maximum mass per unit length (kg/m)	Normal working pressure (Mpa)	maximum working pressure (Mpa)	Proof Pressure (Mpa)	Minimum burst pressure (Mpa)
38	-0.5 +1.5	0.24	1.0	1.5	2.25	4.5
45		0.29	1.0	1.5	2.25	4.5
52		0.35	1.0	1.5	2.25	4.5

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Schedule of Approval

Approval Documentation that forms part of this certification:

Drawing No.	Rev/Issue	Date	Description
15-38-25	0	02/05/2017	General Drawing, covering lengths 10Mtrs, 15Mtrs, 20Mtrs & 25Mts
15-45-25	0	02/05/2017	General Drawing, covering lengths 10Mtrs, 15Mtrs, 20Mtrs & 25Mts
15-52-25	0	02/05/2017	General Drawing, covering lengths 10Mtrs, 15Mtrs, 20Mtrs & 25Mts
SUPPORTING DOCUMENTATION			
Technical File	Electronic Copy Supplied – Project Ref – SMO 8316697 & 3061663		
Test Report	201670092, 201670093 & 201670094 dated 13/02/2017		

Conditions of Certification

- i) This BSI/A.1/3.29/716480 certificate remains valid unless cancelled or revoked, provided the conditions listed below are complied with and the equipment remains satisfactory in service.
- ii) The equipment detailed on page 1 on this certificate is to be manufactured in accordance with Production Quality Assurance system (Module D).
- iii) SOLAS 74 Reg. II-2/10, SOLAS 74 Reg. X/3, IMO Res.MSC.36(63)-(1994 HSC Code) 7, IMO Res.MSC.97(73)-(2000 HSC Code) 7 requirements, as applicable.
- iv) Detailed User instructions are to be provided with each product.
- v) If the product is modified and/or the specified standards are amended during the validity of this certificate, this product type is to be re-approved prior to it being supplied to vessels to which the standards apply.
- vi) Production tests are to be conducted in accordance with the applicable requirements of the IMO Resolutions and applicable standards and be recorded by the manufacturer in accordance with the approved Production Quality Assurance system (Module D) of the Marine Equipment Directive.
- vii) Each item, batch or lot of the equipment is to have the "Mark of Conformity" affixed and be issued with a "Declaration of Conformity".
- viii) The product also meets the requirements of MED Regulation (EU) 2019/1397.

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