

# TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate No:  
**MERB0000985**  
Revision No:  
**0**

This Certificate is issued by DNV UK Limited based on authorisation of the Maritime & Coast Guard Agency (MCA) as an UK Approved Body to undertake conformity assessments on marine equipment in accordance with the requirements of the Merchant Shipping (Marine Equipment) Regulations 2016 as amended.

## This is to certify:

**That the Surface materials and floor coverings with low flame-spread characteristics: pipe insulation covers**

with type designation(s)  
**iT-C430S1**

Issued to

**Izo Tech Osadnik sp. z o.o**  
**Toszek, Poland**

is found to comply with the requirements in the following Regulations/Standards:

Regulation **MSN 1874 Amendment 10**,

item No. **UK/3.18d. SOLAS 74, Reg. II-2/3, II-2/5 & X/3, IMO MSC/Circ. 1120, 2000 HSC Code 7 and IMO 2010 FTP Code**

Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2030-03-25**.

Issued at **London** on **2025-03-26**

DNV local unit:  
**Katowice CMC**

Approval Engineer:  
**Marcin Tobiasz**



Approved Body No.: **0097**

for **DNV UK Ltd.**

**Christine Mydlak-Röder**  
**MER Service Responsible**



**Maritime &  
Coastguard  
Agency**

UK Approved Body Authorised  
by the MCA

This certificate will not be valid if the manufacturer makes any changes or modifications to the approved type of equipment, which have not been notified to, and agreed with the approved body named on this certificate.

During the period of validity of this certificate the applicable regulations (international conventions and the relevant resolutions and circulars of the IMO) and testing standards may change, therefore the product conformity may need to be re-assessed by the Approved Body.

"The Mark of Conformity" may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when the production-control phase module (D, E or F) of Schedule 2 of the Merchant Shipping (Marine Equipment) Regulations 2016, as amended is fully complied with and controlled by a written inspection agreement with an approved body. In case limitations of use apply, these should be indicated in the Annex.

**LEGAL DISCLAIMER:** Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.

## Product description

"IT-C430S1"

is a medium weight woven fiberglass fabric covered with flame retardant silicone rubber on one side.

| Material                        | Nominal thickness [mm] | Weight [g/m <sup>2</sup> ] |
|---------------------------------|------------------------|----------------------------|
| Fiberglass fabric               | 0.37 ± 0.06            | 430 ± 30                   |
| Flame retardant silicone rubber | 0.40 ± 0.03            | 510 ± 25                   |

## Application/Limitation

Approved for use as combustible insulation material with low flame-spread characteristics, not generating excessive quantities of neither smoke nor toxic products in fire.

Approved colour: grey

Maximum organic content: 15.7%

The combustible insulation with low-flame spread characteristics may be used in cargo spaces, mail rooms, baggage rooms and refrigerated compartments of service spaces as well as for cold service pipework/fittings for refrigeration systems (SOLAS Reg. II-2/5.3.1.1). Piping for hot and cold sanitary water is not regarded as "cold service pipework/fittings".

The product satisfies the requirement for maximum calorific value (ref. SOLAS Chapter II-2, Reg 5.3.2.2) without further testing.

Extent of application is to be considered and accepted for each case/project.

Each product is to be supplied with its manual for installation and maintenance.

## Type Examination documentation

Test report No. SL/Z-303/FTP5/0295a/2023 dated 27 April 2023 from SYCHTA LABORATORIUM, Police, Poland.

## Tests carried out

Tested according to IMO 2010 FTP Code part 5 and Annex 2 item 2.2 and 2.3.

## Marking of product

The product or packing is to be marked with name and address of manufacturer, type designation and Mark of Conformity (see first page).