



TYPE APPROVAL CERTIFICATE

Certificate No:
TAF00000U3
Revision No:
1

This is to certify:

That the Protective Clothing

with type designation(s)

Gastight chemical protective suit "Chemprotector Divetex® Berlin 1b"

Issued to

Pflüger Safety GmbH & Co. KG
Neumünster, Germany

is found to comply with

DNV rules for classification – Ships

DNV offshore standards

DNV statutory interpretations DNV-SI-0364 – SOLAS interpretations, Edition July 2021

Application :

Approved as chemical protective clothing for handling of dangerous cargo and for emergency teams.

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV.

Issued at **Høvik** on **2022-12-16**

for **DNV**

This Certificate is valid until **2027-12-15**.

DNV local unit: **Hamburg**

Approval Engineer: **Roland Priebe**

Jowita Permoda
Head of Section

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid. The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.

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

The "Chemprotector Divetex® Berlin 1b" is a chemical protective clothing classed as a Type 1b gas-tight chemical protective suit with a breathable air supply worn outside the chemical protective suit.

It is resistant against various chemicals which are listed under item 8.3 of the Manufacturer's Information.

All seams of the suit are hot air welded in order to provide perfect protection against chemicals and mechanical stress. The gloves and boots are designed to be exchangeable. The gloves are made of butyl material in accordance with EN 374 and the boots are manufactured in accordance with EN 345 standard. The fluid and gas-proof zipper is placed at the back, running from the head to the lower back.

The suit must only be worn in combination with a full mask complying with EN 136 (incl. air filter) or a self-contained breathing apparatus approved according to ISO 23269-3:2011.

Optionally, the suit can be equipped with an exhaust valve.

Overall weight:	6.9 kg (incl. gloves and boots)
Zipper:	Gas-proof
Seams:	Linking seams
Colour:	red or bright yellow
Material:	Divetex®
Size:	L = 54 – 56, XL = 58 - 60

For further details refer to the documentation listed below under "Type Examination documentation".

Application/Limitation

Approved as chemical protective clothing of type 1b for handling of dangerous cargo and for emergency teams.

As required by SOLAS 1974 as amended, Ch. II-2 Reg.19.3.6.1 and IMO IBC Code, Ch.14.1.

The applicant's instructions for use, storage, transport, maintenance and the applicant's recommendations and restrictions for use are to be complied with.

Type Approval documentation

Test report no.: 2002 20297 of 26.05.2003 issued by BIA, Germany.

Tests carried out

EN 943-1:2015+A1:2019 and EN 943-2:2019

Marking of product

The markings are to be in accordance with EN 943-1:2015+A1:2019 Para 8.

The product or its packing shall as a minimum be marked with the company's name and address, trademark and the same type designations as given in the TA certificate for traceability. The marking shall be permanent and unique.

Periodical assessment

DNV's surveyor is to be given permission to perform Periodical Assessments at any time during the validity of this certificate and at least every second year. The arrangement is to be in accordance with procedure described in Class Program DNV-CP-0338, Section 4.