Certificate No:
TAP00002T3

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Non-metallic float

with type designation(s)
PE-non-metallic float

Issued to
Winteb B.V.
Winschoten, Groningen, Netherlands

is found to comply with
DNV class programme DNV-CP-0187 – Type approval – Air vent heads

Application :

Non-metallic ring floats used in air pipe closing devices
Sizes: DN50, DN65, DN80, DN100, DN125, DN150, DN200, DN250, DN300, DN350, DN400, DN450, DN500, DN600

Issued at **Høvik** on **2023-09-25**
This Certificate is valid until **2028-09-24** .
DNV local unit: **Netherlands VMC**

Approval Engineer: **Per Ola Nymoen**

for **DNV**

Zeinab Sharifi
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

Non-metallic floats made of PE(polyethene) ICORENE 3940, yellow colour

Size (all in mm)

Outside diameter	50	65	80	100	125	150	200	250	300	350	400	450	500	600
Thickness	5	5	5	5	6	6	6	7	8	9	9	9	12	12

Manufacturer:
Dan Hill Plast A/S
Hornsyld Industrivey 37
8783 Hornsyld

Application/Limitation

This approval covers the compatibility of non-metallic floats against DNV-CP-0187 Section 3 [2]. Components covered by this certificate may be used as a part of air vent heads which are to be approved according to DNV-CP-0187.

The maximum allowable tolerances for wall thickness of floats shall not exceed ± 10% of the wall thickness.

Type Approval documentation

Tests carried out

Impact and compression loading tests in dry and wet conditions

Marking of product

Marking not applicable for the float, traceability to this TA is ensured by marking of Air vent head assembly.

Periodical assessment

For retention of the Type Approval, a DNV Surveyor shall perform periodical assessment after two years (+/- 90 days) and after 3.5 years (+/- 90 days) to verify that the conditions for the approval are complied with. Reference is made to DNV-CP-0338.