

TYPE APPROVAL CERTIFICATE

This is to certify:
that the Cable Ties

with type designation(s)
SPH175N, SPH275N, SPH350N

issued to
HellermannTyton France
TRAPPES, France

is found to comply with
DNV rules for classification – Ships

Application:

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

Material	Polyamide 66 UV resistant (PA66W)
Suitable for open deck	Yes

Issued at **Høvik** on **2026-03-25**

This Certificate is valid until **2031-03-16**.

DNV local unit: **France CMC**

Approval Engineer: **Bennet Toke Aertebjerg Nielsen**



for **DNV**

This document has been digitally signed and will
therefore not have handwritten signature

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 USD 300 000.

Product description

Type:	SPH175N, SPH275N, SPH350N				
Material:	Polyamide 66 UV resistant (PA66W)				
Color:	Black				
Article Designations numbers	Length [mm]	Width [mm]	Thickness [mm]	Diameter Range [mm]	Loop Tensile Strength [N] Max.
SPH175N	185	8.8	1.7	10 - 42	540
SPH275N	262.4	8.8	1.7	25 – 62	920
SPH350N	351	8.8	1.7	25 - 92	920

Details according to manufacturer`s specification

Classification according to IEC 62275:

6.1 Material:	Non Metallic
6.2 Loop tensile strength:	Retains at least 50% strength after testing
6.3 Temperature:	Maximum operation temperature [°C]: +85°C Minimum operation temperature [°C]: -40°C Minimum installation temperature [°C]: -40°C
6.4 Contribution to fire:	Non-flame propagating
6.5.1 Resistance to UV light:	Resistant
6.5.2 Resistance to corrosion:	Not declared

Application/Limitation

For fixing of cables, outdoor and indoor, onboard ships.

To be installed according with the manufacturer`s instructions and DNV rules.

Type Approval Documentation

Datasheet & Drawings:

Technical datasheet dated 23.03.2026

No. 21-1488-002-CSF dated 2026/02/03 (SPH175N)

No. 23-0315-001-CSF dated 2026/03/24 (SPH 275N & SPH350N)

Test reports:

No. R 260510 V1 T1-00 dated 03/09/26.

No. R 252509 V1 T1-02 dated 02/11/26.

No. R 252509 V1 T2-02 dated 02/11/26.

No. R 252509 V1 T3-02 dated 02/12/26.

No. R 252509 V1 T4-02 dated 02/12/26.

No. R 252509 V1 T5-02 dated 02/12/26.

No. R 252509 V1 T6-02 dated 02/13/26.

No. R 252509 V1 T7-02 dated 02/13/26.

No. R 252509 V2 T1-02 dated 02/18/26.

DNV TA initial assessment report dated 2026-02-06.

Tests Carried Out

Mandatory tests for non-metallic types according to type approval programme DNV-CP-0407 and IEC 62275 2022-11

Marking Of Product

The smallest package is to be marked with the following:

- Manufacturer's name / trademark & catalogue type designation
- Manufacturer's rated load (tensile strength) as per catalogue
- Dimensions
- Type of product
- Maximum bundle diameter
- Temperature conditions

Periodical Assessment

The scope of the periodical assessment is to verify that the conditions stipulated for the Type approval are complied with and that no alterations are made to the product design or choice of materials.

The main elements of the assessment are:

- Inspection on factory samples, selected at random from the production line (where practicable)
- Results from Routine Tests (RT) checked (if not available tests according to RT to be carried out)
- Review of type approval documentation
- Review of possible change in design, materials and performance
- Ensuring traceability between manufacturer's product type marking and Type Approval Certificate.

Periodical assessment is to be performed after 2 years and after 3.5 years. A renewal assessment will be performed at renewal of the certificate.

Manufactured by:

DNV id. 10716758

END OF CERTIFICATE