

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Cable Ties**

with type designation(s)
MET.2 and MET.3

Issued to

SAPISELCO S.R.L.
Saonara, PD, Italy

is found to comply with
DNV GL rules for classification – Ships, offshore units, and high speed and light craft

Application :

For fixing of cables onboard ships and mobile offshore units.

Products approved by this certificate are accepted for installation on all vessels classed by DNV GL.

Material	Polyamide with stainless steel tooth
Suitable for open deck	No

Issued at **Høvik** on **2019-05-11**

This Certificate is valid until **2023-12-31**.

DNV GL local station: **Venice**

for **DNV GL**

Approval Engineer: **Georgy Abramenko**

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Trond Sjøvåg
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.



Product description

Cable ties of polyamide (PA 6.6) with stainless steel tooth, natural (MET.2.XXXX) or black (MET.3.XXXX).

Generic Numbers *	Tie Length (mm)	Tie Width (mm)
MET.2.XX02 MET.2.XX05 MET.3.XX02 MET.3.XX05	100 200	2,5
MET.2.XX10 – MET.2.XX12 MET.3.XX10 – MET.3.XX12 MET.2.XX14 MET.3.XX14	140 200 280 360	3,5
MET.2.XX23 MET.3.XX23 MET.2.XX40 MET.3.XX40 MET.2.XX26 MET.3.XX26	186 290 360	4,5
MET.2.XX48 MET.3.XX48	340	7
MET.2.XX39 MET.3.XX39 MET.2.XX34 MET.3.XX34	220 360	7,5

* The generic X is a letter or a number, and it indicates the packaging.
Models may be followed by additional letter (R).

Application/Limitation

For fixing of cables onboard ships and mobile offshore units.
Cable ties shall not be used on open spaces.

Type Approval documentation

Tests carried out

Relevant tests as per IEC 62275, UL 62275.

Marking of product

SapiSelco – type designation

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.

END OF CERTIFICATE