DNV·GL

Certificate No:
TAE00003EA

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Cable Ties

with type designation(s)
SEL.2 and SEL.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**
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**

Approval Engineer: **Georgy Abramenko**

for **DNV GL**

Trond Sjåvåg
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.

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Product description

Cable ties of polyamide (PA 6.6), natural (SEL.2.XXX) or black (SEL.3.XXX).

Generic Numbers *	Tie Length (mm)	Tie Width (mm)
SEL.2.X01 – SEL.2.X05 SEL.3.X01 – SEL.3.X05	75 100 135 160 200	2,5
SEL.2.X10 – SEL.2.X12 SEL.3.X10 – SEL.3.X12 SEL.2.X14 - SEL.2.X16 SEL.3.X14 - SEL.3.X16	140 200 225 250 280 360	3,5
SEL.2.X20 – SEL.2.X29 SEL.3.X20 – SEL.3.X29	140 160 180 200 250 280 300 360 380 430	4,5
SEL.2.X30 – SEL.2.X38 SEL.3.X30 – SEL.3.X38 SEL.2.X41 SEL.3.X41	180 200 240 280 320 360 450 500 540 750	7,5
SEL.2.X42 – SEL.2.X44 SEL.3.X42 – SEL.3.X44 SEL.2.X54 – SEL.2.X57 SEL.3.X54 – SEL.3.X57	430 550 780 920 1220 1330 1600	9
SEL.2.X50 – SEL.2.X53 SEL.3.X50 – SEL.3.X53	250 500 750 1000	12,5

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

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