DNV·GL

Certificate No:
TAE00003JA

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Cable Ties

with type designation(s)
Cable Bands BZ-C, BZ-L, BZ-L1, BZ-0, BZ-01

Issued to
YueQing XinXing Cable Accessories Co., Ltd.
YueQing, China

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

Application :

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

Issued at **Høvik** on **2019-07-05**
This Certificate is valid until **2024-07-04**.
DNV GL local station: **Ningbo**

Approval Engineer: **Nicolay Horn**

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

Type	Coating	Dimension(mm)			Declared Tensile(N)	Min to Max Instalation Temperature
		T	W	L		
BZ-C	None	0.25	4.6 - 8	100 - 500	350 - 500	-25 to 55 ºC
BZ-C	Epoxy	0.25	4.6 - 8	100 -500	350 - 500	-25 to 55 ºC
BZ-L	Epoxy	0.35	12 - 16	150 - 1000	1100 – 1350	-25 to 55 ºC
BZ-0	Epoxy	0.35	12 - 16	150 - 1000	500 - 650	-25 to 55 ºC
BZ-L1	PVC	0.35	8 - 16	150 - 1000	1000 - 1350	-25 to 55 ºC
BZ-01	PVC	0.35	16	150 - 1000	500 - 650	-25 to 55 ºC

BZ-1 band cable ties buckle type: L1 and O1, length max. 20m; 2. BZ-3 band cable ties buckle type: L and O, length max. 25m

Classification according to IEC 62275

6.1 Material	Metallic component (uncoated)
	Composite component (coated)
6.2 Loop tensile strength for cable ties	350 N – 1350 N
6.2.2 Type 2	Retains 100 % declared loop tensile strength after test conditions
6.3.1 Maximum operating temperature for application	85ºC
6.3.2 Minimum operating temperature for application	-25ºC
6.3.2 Minimum temperature during instalation	-25ºC
6.4 Contribution to fire	Non-flame propagating
6.5 Environnmental influences	Resistant to corrosion

Application/Limitation

Cable ties for use inside on ships and mobile offshore instalations

Type Approval documentation

Tests carried out

Loop Tensil Strength, Instalation and operation temperature tests.

Marking of product

Company name, Type designation and Dimension

Periodical assessment

The scope of the periodical assessment is to verify that the conditions stipulated for the Type Approval is 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 Routines (RT) checked (if not available tests 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.

Survey to be performed at 2 and 3.5 year and at renewal.

END OF CERTIFICATE