



Marine & Offshore

Certificate number: 53685/B0 BV

File number: ACE14-935/2

Product code: 2535H

This certificate is not valid when presented without the full attached schedule composed of 7 sections

www.veristar.com

TYPE APPROVAL CERTIFICATE

This certificate is issued to
JEONO CO., LTD.
 Gyeonggi-do - KOREA (REPUBLIC OF)

for the type of product
CABLE TIES
 Indoor and outdoor cables ties
 J-, JW-, JLT-, JLTW-, JMT- and JMTW- series

Requirements:

Bureau Veritas Rules for the Classification of Steel Ships, Offshore Units, Naval Ships and Yachts.
 IEC 62275 (2022)

This certificate is issued to attest that Bureau Veritas Marine & Offshore did undertake the relevant approval procedures for the product identified above which was found to comply with the relevant requirements mentioned above.

This certificate will expire on: 18 Sep 2028

For Bureau Veritas Marine & Offshore,

At BV PUSAN, on 18 Sep 2023,
 Won-jun JANG

This certificate was created electronically and is valid without signature



This certificate remains valid until the date stated above, unless cancelled or revoked, provided the conditions indicated in the subsequent page(s) are complied with and the product remains satisfactory in service. This certificate will not be valid if the applicant makes any changes or modifications to the approved product, which have not been notified to, and agreed in writing with Bureau Veritas Marine & Offshore. Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be re-approved prior to it/they being placed on board vessels to which the amended regulations or standards apply. This certificate is issued within the scope of the General Conditions of Bureau Veritas Marine & Offshore available on the internet site www.veristar.com. Any Person not a party to the contract pursuant to which this document is delivered may not assert a claim against Bureau Veritas Marine & Offshore for any liability arising out of errors or omissions which may be contained in said document, or for errors of judgement, fault or negligence committed by personnel of the Society or of its Agents in establishment or issuance of this document, and in connection with any activities for which it may provide.

The electronic version is available at: <http://www.veristarm.com/veristarnb/jsp/viewPublicPdfTypepec.jsp?id=6je0ldfunt>

BV Mod. Ad.E 530 June 2017

This certificate consists of 3 page(s)

THE SCHEDULE OF APPROVAL

1. PRODUCT DESCRIPTION :

Indoor and outdoor non-metallic cable ties for Marine and Offshore applications.

1.1 - Classification :

1.1.1 - Type designation and material

Type	Description	Use for
J- series	width 2.5 to 12.7	Indoor use
JW- series	width 2.5 to 12.7	Indoor and Outdoor use
JLT- series	Lashing tie, width 12.7	Indoor use
JLW- series	Lashing tie, width 12.7	Indoor and Outdoor use
JMT- series	Mark tie, width 2.5	Indoor use
JMTW- series	Mark tie, width 2.5	Indoor and Outdoor use

* Material : Nylon 66 Resin

* Color : Natural and black

1.1.2 - Loop tensile strength

Type 2 : Retain 100% strength after test for metallic & coated cable tie

Strap I.D.	Loop tensile strength (N)
width 2.5	80
width 3.6	180
width 4.8	220
width 6.0	440
width 7.6	540
width 9.0	800
width 12.7	1150

1.1.3 - Maximum operating temperature : 85°C

1.1.4 - Minimum operating temperature : -60°C

1.1.5 - Minimum installation temperature : -40°C

1.1.6 - Contribution to fire : Non-flame propagating

1.1.7 - Resistant to ultraviolet light : W type only

1.1.8 - Resistant to corrosion : Resistant

1.2 - Product range :

Type	Length (mm)	Min. bundle dia. (mm)	Max. bundle dia. (mm)	Width (mm)
J-100, J-162, J-202 JW-100, JW-162, JW-202	101 to 200	2	22 to 51	2.5
J-140, J-203, J-303 JW-140, JW-203, JW-303	147 to 300	2	35 to 77	3.6
J-200, J-250, J-300, J-373 JW-200, JW-250, JW-300, JW-373	201 to 368	2	48 to 102	4.8
J-270 JW-270	266	3	73	6
J-370 JW-370	368	15	102	7.6
J-450, J-530, J-650, J-780 JW-450, JW-530, JW-650, JW-780	455 to 780	35	127 to 229	9
J-300EH, J-400EH, J-540EH, J-780EH JW-300EH, JW-400EH, JW-540EH, JW-780EH	300 to 780	35	77 to 220	12.7
JLT-540 JLW-540	547	35	150	12.7
JMT-1M, JMT-2M JMTW-1M, JMTW-2M	105 to 200	6	19 to 51	2.5

2. DOCUMENTS AND DRAWINGS :

Specifications N° J-CLS-DNV-01, dated 29 Aug 2011

3. TEST REPORTS :

Tests report N° J-ITR-DNV-01/02/03/04/05/06/07/08/09/10, dated 29 Aug 2011

Tests report N° J-ITR-DNV(2017), dated 17 Apr 2017

4. APPLICATION / LIMITATION :

According to BV rules for the Classification of Steel Ships, Offshore Units, Naval Ships and Yachts and IEC 62275.

5. PRODUCTION SURVEY REQUIREMENTS :

5.1 - The above products are to be supplied by **JEONO CO., LTD.** in compliance with the type described in this certificate.

5.2 - This type of product is within the category HBV of Bureau Veritas Rule Note NR320 and as such does not require a BV product certificate.

5.3 - **JEONO CO., LTD.** has to make the necessary arrangements to have its works recognised by Bureau Veritas in compliance with the requirements of NR320 for HBV products.

5.4 - For information, **JEONO CO., LTD.** has declared to Bureau Veritas the following production site:

JEONO CO., LTD.
641, Aegibong-ro, Tongjin-eup, Gimpo-si
Gyeonggi-do
KOREA (REPUBLIC OF)

6. MARKING OF PRODUCT :

- Maker's name or trade mark

- Serial number of the units

- Equipment type number or model identification under which it was type-tested.

7. OTHERS :

7.1 - It is **JEONO CO., LTD.**'s responsibility to inform shipbuilders or their sub-contractors of the proper methods of fitting, use and general maintenance of the approved equipment and the conditions of this approval.

7.2 - This certificate supersedes the Type Approval Certificate N° 53685/A0 BV issued on 01 Aug 2018 by the Society.

*** END OF CERTIFICATE ***