



Marine & Offshore
Division

Certificate number: 03856/10 BV

File number: ACE 14/281/01

Product code: 2535D

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
HELLERMANN TYTON
Manchester - UNITED KINGDOM

for the type of product
CABLE TIES
TYPES: T, LK, RELK, RLT, LRT, RT, LPH, PE, MLT, MAT, MBT.

Requirements:
BV Rules for the Classification of Steel Ships.
IEC 60092 series.

This certificate is issued to attest that BUREAU VERITAS 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: 08 Jul 2020

For BUREAU VERITAS,
At BV LONDON, on 08 Jul 2015,
Spencer Yule



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. 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 Division 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 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.veristamb.com/veristamb/jsp/viewPublicPdfTypepec.jsp?id=arrprorgew>
BV Mod. Ad.E 530 October 2014

This certificate consists of 3 page(s)

THE SCHEDULE OF APPROVAL

1. PRODUCT DESCRIPTION :

Type:	Cable Ties
. Standard Cable Ties:	T18R to T250L LK2 to LK5
. Releasable Cable Ties:	RELK2R to RELK2L RLT120 & RLT150 LRT230 RT250S to RT250M
. Low Profile Ties:	LPH175to LPH 350
. Parallel Entry Ties:	PE180 to PE530
. Metal Ties:	MLT8 to MLT24 MAT8 to MAT24 MBT5S to MBT33H MBT14XH to MBT33XH

2. DOCUMENTS AND DRAWINGS :

According to documents filed in ACE 14/281/01.

For modification I0 version:

Hellermann Tyton:

- Drawing MBT_S Series No. 11-0551-001-CSE, dated 16.04.2014
- Drawing MBT_H Series No. 14-0389-001-CSE, dated 16.04.2014
- Drawing MBT_XH Series No. 14-0394-001-CSE, dated 16.04.2014

3. TEST REPORTS :

According to test report filed in ACE 14/281/01.

4. APPLICATION / LIMITATION :

- 4.1 - One metallic fastener is to be fitted every five ties except for "MLT, MAT, MBT" types.
- 4.2 - According to BUREAU VERITAS Rules for the Classification of Steel Ships.
- 4.3 - IEC 60092 series.

5. PRODUCTION SURVEY REQUIREMENTS :

- 5.1 - The above products are to be supplied by HELLERMANN TYTON in accordance with the type described in this certificate.
- 5.2 - This type of product is within the category DBV of Bureau Veritas Rule Note NR320.

6. MARKING OF PRODUCT :

- Maker's name or Trade name
- Date of manufacture and serial number
- Equipment type number or model identification under which it was type-tested.

7. OTHERS :

7.1 - This approval is given on the understanding that the Society reserves the right to require check tests to be carried out on the units at any time and that:HELLERMANN TYTON - UNITED KINGDOMwill accept full responsibility for informing shipbuilders, shipowners or their sub-contractors of the proper methods of use and general maintenance of the units and the conditions of this approval.

7.2 - This certificate supersedes the Type Approval Certificate No. 03856/H0 BV issued on 18 Dec 2009 by the Society.

*** END OF CERTIFICATE ***