

TYPE APPROVAL CERTIFICATE

This is to certify that the undernoted product(s) has/have been tested in accordance with the relevant requirements of the DNV GL Type Approval System.

Certificate No. **86 137 - 81 HH**

Company **HellermannTyton GmbH**
Großer Moorweg 45
25436 Tornesch, GERMANY

Product Description **1. Standard Cable Ties, plastic, colour : natural or black**
2. Releasable Cable Ties, plastic, colour : natural or black

Type **1. Series "T", "LK", "KR"**
2. Series "RLT"

Environmental Category **Natural: A, black: F**

Technical Data / Range of Application **Cable ties for bundling cables and insulated wires manufactured from polyamide 6.6 (natural) or polyamide 6.6 UV stabilized (black) type-addition "W". Temperature range: -40°C to +85°C**

- 1. Standard cable ties**
T18L, T18I, T18S, T18R, T25L, T25LL, T30R, T30L, T30LL, T40R, T40L, T50S, T50R, T50I, T50L, T60R, T60S, T80R, T80I, T80L, T120S, T120R, T120M, T150R, T50M, T120I T120L, T150M, T150L
- LK2, LK5**
- KR6/18, KR6/35, KR8/21, KR8/33**

- 2. Releasable cable ties**
RLT120, RLT150

Test Standard **GL Guidelines for the Performance of Type Approvals, Chapter 2 - Test Requirements for Electrical / Electronic Equipment and Systems (VI-7-2), Edition 2012**
EN 50149:1999, IEC 62275:2006

Documents **UL file No. E 64139**
VDE certificate 40013189 dated 2005-05-12
Hellermann report (DNVGL tgb. 14-066649)

Remarks **Instructions of the manufacturer to be observed**
This certificate is issued on the basis of GL Guidelines for the Performance of Type Approvals, Chapter 1 - Procedure (VI-7-1), Edition 2007

Valid until **2019-07-17**

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File No. **I.N.04**

Hamburg, 2014-07-23

Type Approval Symbol



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 Arne Schaarmann

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Place of Production:

Hellermann Tyton GmbH
Großer Moorweg 45
25436 Tornesch
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