

# Type Approval Certificate



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

Certificate No. 99 332 - 97 HH

Company ITW Construction Products Italy S.r.l.  
Viale Regione Veneto, 5  
35127 Padova Z.I., ITALY

Product Description 1. Plastic Cable Ties, colour natural  
2. Plastic Cable Ties, colour black

Type 1. 52..  
2. 53..

Environmental Category 1. C; 2. F

Technical Data / Range of Application 1. Type 5201 to 5243  
Tensile strength: 60 N to 1080 N  
Max. bundle dia.: 15 mm to 302 mm  
Colour: natural

2. Type 5301 to 5343  
Tensile strength: 60 N to 1080 N  
Max. bundle dia.: 15 mm to 302 mm  
Colour: black

Material: Polyamide 6.6, Halogen free  
Temperature rating: 85 °C

Test Standard Guidelines for the Performance of Type Approval, Chapter 2, Edition 2003;  
UL 1565, EN 50146:2000, IEC 62275:2006

Documents Test record no. 11 File E86244 dated 21.11.2001 from UL  
Data sheets: techn. characteristics for polyamide 6.6;  
Flammability test Report of 20.03.2008.  
IMQ report: 01SL00189

Remarks Operating instruction of the manufacturer to be observed

Valid until 2017-02-13

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File No. I.N.04


Hamburg, 2012-02-14

Type Approval Symbol



Germanischer Lloyd

  
Thomas Hartmann

  
Joachim Zipfel

This certificate is issued on the basis of "Guidelines for the Performance of Type Approvals Part 1, Procedure".