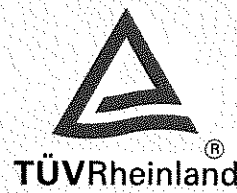


Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
R 50240405

Blatt *Page*
0005

Ihr Zeichen *Client Reference*

Unser Zeichen *Our Reference*

Ausstellungsdatum

Date of Issue
(day/mo/yr)

V.W.

01-ZYI- 15055561 005

02.04.2014

Genehmigungsinhaber *License Holder*

Wenzhou Longhua Daily
Electron Co., Ltd.
No. 3 Building, Part C
Xixi Industry Zone, Hongqiao
Yueqing, Zhejiang 325608
P.R. China

Fertigungsstätte *Manufacturing Plant*

Wenzhou Longhua Daily
Electron Co., Ltd.
No. 3 Building, Part C
Xixi Industry Zone, Hongqiao
Yueqing, Zhejiang 325608
P.R. China

Prüfzeichen *Test Mark*

Geprüft nach *Tested acc. to*
EN 62275:2009



Zertifiziertes Produkt *(Geräteidentifikation)*
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

Kabelbinder (Cable Tie)

as page 0001

Addition

Type Designation	Loop Tensile Strength	2
LH-S-120-5	LH-S-160-6	230N
LH-S-180-7	LH-S-200-8	230N
LH-S-250-10	LH-S-280-11	230N
LH-S-300-12	LH-S-310-12	230N
LH-S-350-1	LH-S-360-14	230N
LH-S-370-15	LH-S-380-15	230N
LH-S-390-16	LH-S-430-17	230N
LH-S-450-18	LH-S-500-20	230N
LH-S-550-21		230N
LH-HD-150-6	LH-HD-200-8	540N
LH-HD-250-10	LH-HD-300-12	540N
LH-HD-350-14	LH-HD-365-14	540N
LH-HD-380-15	LH-HD-400-16	540N

(Trade mark of Wenzhou Longhua Daily Electron Co., Ltd.)

Remark:

Certificate R 50240405 0005 replaces R 50240405 0002.

2

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde und es bestätigt die Konformität des Produktes mit den oben genannten Standards und Prüfgrundlagen. Zusätzliche Anforderungen in Ländern, in denen das Produkt in Verkehr gebracht werden soll, müssen zusätzlich betrachtet werden. Die Herstellung des zertifizierten Produktes wird überwacht.

This certificate is based on our Testing and Certification Regulation and states the conformity of the product with the standards and testing requirements as indicated above. Any additional requirements in countries where the product is going to be marketed have to be considered additionally. The manufacturing of the certified product is subject to surveillance.

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

Tel.: (+49/221)8 06 - 13 71 e-mail: cert-validity@de.tuv.com

Fax: (+49/221)8 06 - 39 35 http://www.tuv.com/safety

Zertifizierungsstelle

Dipl.-Ing. (FH) F. He

Wenzhou Longhua Daily Electron Co.,
Ltd.
Vane Wang
Sales Dept.
No. 3 Building, Part C
Xixi Industry Zone, Hongqiao
Yueqing, Zhejiang 325608
P.R. China

Date : 02.04.2014
Our ref. : ZYI 01
Your ref.: V.W.

Ref : R TÜV-Mark Approval

Type of Equipment : Cable Tie
Model Designation : See Certificate
Certificate No. : R 50240405 0005
Report No. : 15055561 005

Dear Vane Wang,

A specimen of above mentioned product has been tested and found to be technically in compliance with § 20 and § 21 of the ProdSG (= Product Safety Act).

The certificate is issued with the reservation that the licence holder applies all information required in § 6 of the ProdSG related to name and address of the manufacturer or his authorized representative / importer including their respective addresses on the product prior to marketing the product in the European Economic Area. Enclosed please find the certificate of approval No. R 50240405 0005.

If cancellation of the certificate is submitted by November 15 in a given year, no fee will be charged for the following year.

Please contact our office for approval of your new products.

With kind regards,

Certification Body


Dipl.-Ing. (FH) F. He

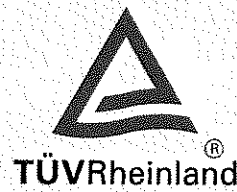
CC: Wenzhou Longhua Daily

Enclosure

证书的详细资料请登陆www.tuvdotcom.com查阅,或拨打我司客服热线800 999 3668 / 400 883 1300咨询

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
R 50240405

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0006

Ihr Zeichen *Client Reference*

V.W.

Unser Zeichen *Our Reference*

01-ZYI- 15055561 005

Ausstellungsdatum

02.04.2014

Date of Issue
(day/mo/yr)

Genehmigungsinhaber *License Holder*

Wenzhou Longhua Daily
Electron Co., Ltd.
No. 3 Building, Part C
Xixi Industry Zone, Hongqiao
Yueqing, Zhejiang 325608
P.R. China

Fertigungsstätte *Manufacturing Plant*

Wenzhou Longhua Daily
Electron Co., Ltd.
No. 3 Building, Part C
Xixi Industry Zone, Hongqiao
Yueqing, Zhejiang 325608
P.R. China

Prüfzeichen *Test Mark*

Geprüft nach *Tested acc. to*
EN 62275:2009



Zertifiziertes Produkt (*Geräteidentifikation*)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

Kabelbinder (Cable Tie)

as page 0001

Addition

Type Designation		Loop Tensile Strength	2
LH-HD-450-18	LH-HD-540-21	540N	
LH-HD-550-22		540N	
LH-EHD-400-16	LH-EHD-450-18	800N	
LH-EHD-500-20	LH-EHD-550-21	800N	
LH-EHD-560-22	LH-EHD-610-24	800N	
LH-EHD-760-30	LH-EHD-780-31	800N	
LH-EHD-810-32	LH-EHD-920-36	800N	
LH-EHD-1220-48		800N	
LH-HSD-530-21	LH-HSD-650-26	1200N	
LH-HSD-1000-34		1200N	

(Trade mark of Wenzhou Longhua Daily Electron Co., Ltd.)

Remark:

- 1) Certificate R 50240405 0006 replaces R 50240405 0003.
- 2) Appendix 1.0 dated on 13-03-2014 replaces Appendix 1.0 dated on 02-11-2012.

2

ANLAGE (Appendix): 1.0

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde und es bestätigt die Konformität des Produktes mit den oben genannten Standards und Prüfgrundlagen. Zusätzliche Anforderungen in Ländern, in denen das Produkt in Verkehr gebracht werden soll, müssen zusätzlich betrachtet werden. Die Herstellung des zertifizierten Produktes wird überwacht.

This certificate is based on our Testing and Certification Regulation and states the conformity of the product with the standards and testing requirements as indicated above. Any additional requirements in countries where the product is going to be marketed have to be considered additionally. The manufacturing of the certified product is subject to surveillance.

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

Tel.: (+49/221)8 06 - 13 71 e-mail: cert-validity@de.tuv.com

Fax: (+49/221)8 06 - 39 35 http://www.tuv.com/safety

Zertifizierungsstelle

Dipl.-Ing. (FH) F. He

Wenzhou Longhua Daily Electron Co.,
Ltd.
Vane Wang
Sales Dept.
No. 3 Building, Part C
Xixi Industry Zone, Hongqiao
Yueqing, Zhejiang 325608
P.R. China

Date : 02.04.2014
Our ref. : ZYI 01
Your ref.: V.W.

Ref : AN Certificate of Conf. Low Voltage D.

Type of Equipment : Cable Tie
Model Designation : See Certificate
Certificate No. : AN 50278509 0001
Report No. : 15055561 005

Dear Vane Wang,

The above specified technical equipment has been tested and found to be in accordance with the relevant requirements.

Enclosed you will find the certificate of approval.

If cancellation of the certificate is submitted by November 15 in a given year, no fee will be charged for the following year.

We appreciate your kind support and would like to offer our assistance and continuous services in the future.

Please contact our office for approval of your new products.

With kind regards,

Certification Body


Dipl.-Ing. (FH) F. He

CC: Wenzhou Longhua Daily

Enclosure

证书的详细资料请登陆www.tuvdotcom.com查阅,或拨打我司客服热线800 999 3668 / 400 883 1300咨询

Wenzhou Longhua Daily Electron Co.,
Ltd.
Vane Wang
Sales Dept.
No. 3 Building, Part C
Xixi Industry Zone, Hongqiao
Yueqing, Zhejiang 325608
P.R. China

Date : 02.04.2014
Our ref. : NWC 01
Your ref.: V.W.
Customer no.: 389275

Ref : Confirmation of license cancellation

Type of Equipment : Cable Tie
Model Designation : See Certificate
Certificate No. : R 50240405 0002
Report No. : 15055561 001

Dear Vane Wang,

We received your cancellation request in time, so that there will be no more annual fee charge from next year on.
The certificate page(s) have been cancelled as requested.

Please feel free to contact us, whatever your requirements may be.

The certificate holder is: Wenzhou Longhua Daily
Electron Co., Ltd.

With kind regards,

Certification Body


Dipl. -Ing. G. Reimann

证书的详细资料请登陆www.tuvdotcom.com查阅,或拨打我司客服热线800 999 3668 / 400 883 1300咨询

Wenzhou Longhua Daily Electron Co.,
Ltd.
Vane Wang
Sales Dept.
No. 3 Building, Part C
Xixi Industry Zone, Hongqiao
Yueqing, Zhejiang 325608
P.R. China

Date : 02.04.2014
Our ref. : NWC 01
Your ref.: V.W.
Customer no.: 389275

Ref : Confirmation of license cancellation

Type of Equipment : Cable Tie
Model Designation : See Certificate
Certificate No. : R 50240405 0003
Report No. : 15055561 001

Dear Vane Wang,

We received your cancellation request in time, so that there will be no more annual fee charge from next year on.
The certificate page(s) have been cancelled as requested.

Please feel free to contact us, whatever your requirements may be.

The certificate holder is: Wenzhou Longhua Daily
Electron Co., Ltd.

With kind regards,

Certification Body


Dipl. -Ing. G. Reimann

证书的详细资料请登陆www.tuvdotcom.com查阅,或拨打我司客服热线800 999 3668 / 400 883 1300咨询



TÜVRheinland®
DIN CERTCO



TÜVRheinland®

Certificate No. R50240405 0006 **Our Reference** 01-ZYI- 15055561 005 **Appendix No.** 1

Constructional Data Form (CDF) for Cable Tie

Page 1 of 3

Licence Holder: Wenzhou Longhua Daily Electron Co., Ltd.
No. 3 Building, Part C, Xixi Industry Zone, Hongqiao, Yueqing, Zhejiang 325608, P.R. China

Factory: Wenzhou Longhua Daily Electron Co., Ltd.
No. 3 Building, Part C, Xixi Industry Zone, Hongqiao, Yueqing, Zhejiang 325608, P.R. China

Type Designation: LH-M series, LH-I series, LH-S series, LH-HD series, LH-EHD series, LH-HSD series
(Detailed model list refer to below)

Mark of Origin:



Technical information

Material..... PA66 VYDYNE 21SPF, manufactured by ASCEND PERFORMANCE MATERIALS LLC.

Type..... Type 1 Type 2

Operating temperature for application..... -40 ~ 85 °C

Minimum temperature during installation..... -20 °C

Contribution to fire Flame propagating Non-flame propagating

Resistance to ultraviolet..... Not declared for white color Resistant to ultraviolet light for black color

Resistance to corrosion..... N/A

Model list

Model	Dimension W x L x T (mm)	Color	Declared bundle diameter (mm)	Declared loop tensile strength (N)
LH-M-080-3	2,5x80x1,1	White and black	3~14	80
LH-M-100-4	2,5x100x1,1	White and black	3~20,5	80
LH-M-120-5	2,5x120x1,1	White and black	3~27	80
LH-M-130-5	2,5x130x1,1	White and black	3~30	80
LH-M-150-6	2,5x150x1,1	White and black	3~36,5	80
LH-M-160-6	2,5x160x1,1	White and black	3~39,8	80
LH-M-200-8	2,5x200x1,1	White and black	3~52,5	80
LH-I-140-5	3,6x140x1,2	White and black	3,5~33	180
LH-I-150-6	3,6x150x1,2	White and black	3,5~36	180
LH-I-200-8	3,6x200x1,2	White and black	3,5~46	180

TÜV Rheinland Group

License holder

13.03.2014

Zhang

Date

Signature

Name

Company Stamp and Signature



TÜVRheinland®
DIN CERTCO



TÜVRheinland®

Certificate No. R50240405 0006

Our Reference 01-ZYI- 15055561 005

Appendix No. 1

Constructional Data Form (CDF) for Cable Tie

Page 2 of 3

LH-I-250-10	3,6x250x1,2	White and black	3,5~68	180
LH-I-280-11	3,6x280x1,2	White and black	3,5~78	180
LH-I-300-12	3,6x300x1,2	White and black	3,5~84	180
LH-I-370-15	3,6x370x1,2	White and black	3,5~106	180
LH-S-120-5	4,8x120x1,3	White and black	3,5~23,8	230 ^{Note 1}
LH-S-160-6	4,8x160x1,3	White and black	3,5~36,6	230 ^{Note 1}
LH-S-180-7	4,8x180x1,3	White and black	3,5~43	230 ^{Note 1}
LH-S-200-8	4,8x200x1,3	White and black	3,5~49,5	230 ^{Note 1}
LH-S-250-10	4,8x250x1,3	White and black	3,5~65	230 ^{Note 1}
LH-S-280-11	4,8x280x1,3	White and black	3,5~74,8	230 ^{Note 1}
LH-S-300-12	4,8x300x1,3	White and black	3,5~81	230 ^{Note 1}
LH-S-310-12	4,8x310x1,3	White and black	3,5~84	230 ^{Note 1}
LH-S-350-1	4,8x350x1,3	White and black	3,5~97	230 ^{Note 1}
LH-S-360-14	4,8x360x1,3	White and black	3,5~100	230 ^{Note 1}
LH-S-370-15	4,8x370x1,3	White and black	3,5~103,5	230 ^{Note 1}
LH-S-380-15	4,8x380x1,3	White and black	3,5~106,7	230 ^{Note 1}
LH-S-390-16	4,8x390x1,3	White and black	3,5~110	230 ^{Note 1}
LH-S-430-17	4,8x430x1,3	White and black	3,5~122,5	230 ^{Note 1}
LH-S-450-18	4,8x450x1,3	White and black	3,5~129	230 ^{Note 1}
LH-S-500-20	4,8x500x1,3	White and black	3,5~145	230 ^{Note 1}
LH-S-550-21	4,8x550x1,3	White and black	3,5~160	230 ^{Note 1}
LH-HD-150-6	7,6x150x1,6	White and black	8,5~35	540 ^{Note 1}
LH-HD-200-8	7,6x200x1,6	White and black	8,5~50,9	540 ^{Note 1}
LH-HD-250-10	7,6x250x1,6	White and black	8,5~66,8	540 ^{Note 1}
LH-HD-300-12	7,6x300x1,6	White and black	8,5~82,8	540 ^{Note 1}
LH-HD-350-14	7,6x350x1,6	White and black	8,5~98,5	540 ^{Note 1}
LH-HD-365-14	7,6x365x1,6	White and black	8,5~103,5	540 ^{Note 1}
LH-HD-380-15	7,6x380x1,6	White and black	8,5~108	540 ^{Note 1}
LH-HD-400-16	7,6x400x1,6	White and black	8,5~114,5	540 ^{Note 1}
LH-HD-450-18	7,6x450x1,6	White and black	8,5~130,5	540 ^{Note 1}

TÜV Rheinland Group

License holder

13.03.2014

[Signature]

Date

Signature

Name

Company Stamp and Signature



TÜVRheinland®
DIN CERTCO



TÜVRheinland®

Certificate No. R50240405 0006 **Our Reference** 01-ZYI- 15055561 005 **Appendix No.** 1

Constructional Data Form (CDF) for Cable Tie

Page 3 of 3

LH-HD-540-21	7,6x540x1,6	White and black	8,5~159	540 ^{Note 1}
LH-HD-550-22	7,6x550x1,6	White and black	8,5~162,5	540 ^{Note 1}
LH-EHD-400-16	8,8x400x1,8	White and black	8,5~115	800
LH-EHD-450-18	8,8x450x1,8	White and black	8,5~130,5	800
LH-EHD-500-20	8,8x500x1,8	White and black	8,5~146,5	800
LH-EHD-550-21	8,8x550x1,8	White and black	8,5~163,5	800
LH-EHD-560-22	8,8x560x1,8	White and black	8,5~165,5	800
LH-EHD-610-24	8,8x610x1,8	White and black	8,5~181,5	800
LH-EHD-760-30	8,8x760x1,8	White and black	8,5~229,5	800
LH-EHD-780-31	8,8x780x1,8	White and black	8,5~235,5	800
LH-EHD-810-32	8,8x810x1,8	White and black	8,5~245	800
LH-EHD-920-36	8,8x920x1,8	White and black	8,5~280	800
LH-EHD-1220-48	8,8x1220x1,8	White and black	78~375,5	800
LH-HSD-530-21	12,4x530x2,0	White and black	10~156	1200
LH-HSD-650-26	12,4x650x2,0	White and black	14~195	1200
LH-HSD-1000-40	12,4x1000x2,0	White and black	18~315	1200

First issue: 02.11.2012

- The CDF was issued based on test report 15055561 001.

Second and latest issue: 13.03.2014

- Loop tensile strength was declared to be changed from 250N to 230N for 4,8mm series (based on test report 15055561 005)
- Loop tensile strength was declared to be changed from 550N to 540N for 7,6mm series (based on test report 15055561 005)

Note 1: Changed in the second and latest issue.

TÜV Rheinland Group

License holder

13.03.2014

[Signature]

Date

Signature

Name

Company Stamp and Signature