

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Cable marker label, Roll, white, unlabeled, can be labeled with: THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK ROLLMASTER 300/600, THERMOMARK X1.2, THERMOMARK S1.1, mounting type: adhesive, cable diameter: \leq 20 mm, lettering field size: 31 x 25 mm



Key Commercial Data

| Packing unit | 1 STK |
|--------------------------------------|-----------------|
| GTIN | 4 046356 506700 |
| GTIN | 4046356506700 |
| Weight per Piece (excluding packing) | 620.000 g |
| Custom tariff number | 39199080 |
| Country of origin | Germany |

Technical data

Dimensions

| Length (b) | 93 mm |
|------------|-------|
| Width (a) | 31 mm |

Ambient conditions

| Ambient temperature (operation) | -50 °C 110 °C |
|---------------------------------|---|
| Recommended storage conditions | 23 °C / 50% relative humidity. Storage in poly bags is recommended prior to processing. |

General

| Color | white |
|-----------------------|---------------|
| Base element material | Vinyl film |
| Туре | Label |
| Components | Silicone-free |

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Technical data

General

| Number of individual labels 500 Number of individual labels per row 2 Adhesive Acrylic Printability Thermal transfer Device 5146477 THERMOMARK ROLL 5146237 THERMOMARK ROLL X1 5146257 THERMOMARK S1.1 5146231 THERMOMARK S1.1 5146231 THERMOMARK X1.2 Ink ribbon 5145384 THERMOMARK-RIBBON 110 0829542 THERMOMARK-RIBBON 110 BU 0829542 THERMOMARK-RIBBON 110 GN 0829543 THERMOMARK-RIBBON 110 GN 0829543 THERMOMARK-RIBBON 110 RD Test for substances that would hinder coating with paint or varnish W P V 3.107:2005-02 Result Test passed Test specification weathering-resistance Following ISO 4892-2:2013-03 Test duration 96 h Wipe resistance test result Test passed Salt spray test specification DIN EN 60068-2-11:2000-02 Test duration 96 h Salt spray testing result Test passed Alternating condensation climate with SO2 test specification DIN 50018:2013-05 Climate level AHT 1.0 S Cycles 2 Condensation test result <th>Material</th> <th>PVC</th> | Material | PVC |
|---|---|-------------------------------------|
| Number of individual labels per row 2 Adhesive Acrylic Printability Thermal transfer Device 5146477 THERMOMARK ROLL 5146237 THERMOMARK S1.1 5146237 THERMOMARK S1.1 5146231 THERMOMARK X1.2 Interpretable Interpretable 5145384 THERMOMARK-X1.2 Interpretable 0829544 THERMOMARK-RIBBON 110 0829544 THERMOMARK-RIBBON 110 GN 0829542 THERMOMARK-RIBBON 110 GN Test for substances that would hinder coating with paint or varnish VW PV 3.10.7-2005-02 Result Test passed Test specification weathering-resistance Following ISO 4892-2:2013-03 Test duration 96 h Wijer resistance test result Test passed Salt spray test specification DIN EN 60068-2-11:2000-02 Test duration 96 h Salt spray testing result Test passed Alternating condensation climate with SO2 test specification DIN 50018:2013-05 Climate level AHT 1.0 S Cycles 2 Condensation test result Test passed Wijer resistance of test specification inscriptions | Wipe resistance | DIN EN 61010-1 (VDE 0411-1) |
| Adhesive Acrylic Printability Thermal transfer Device 5146477 THERMOMARK ROLL 5146723 THERMOMARK ROLL X1 5146257 THERMOMARK S1.1 5146257 THERMOMARK X1.2 Ink ribbon 5145231 THERMOMARK X1.2 Ink ribbon 0829542 THERMOMARK-RIBBON 110 0829544 THERMOMARK-RIBBON 110 BU 0829542 THERMOMARK-RIBBON 110 GN 0829543 THERMOMARK-RIBBON 110 RD Test for substances that would hinder coating with paint or varnish WP V 3.10.7:2005-02 Result Test specification weathering-resistance Following ISO 4892-2:2013-03 Test duration 96 h Wipe resistance test result Test passed Salt spray test specification DIN EN 60068-2-11:2000-02 Test duration 96 h Salt spray testing result Test passed Alternating condensation climate with SO2 test specification DIN 50018-2013-05 Alternating condensation climate with SO2 test specification DIN 50018-2013-05 Climate level AHT 1.0 S Cycles 2 Condensation test result Test passed Wipe resistance of test specification inscriptions DIN EN 61010-1 (VDE 0411-1):2011-07 Result Test passed Foil strength Adhesive strength 50 μm | Number of individual labels | 500 |
| Printability Thermal transfer Device 5146477 THERMOMARK ROLL 5146723 THERMOMARK ROLL X1 5146257 THERMOMARK S1.1 5146257 THERMOMARK X1.2 Ink ribbon 5146231 THERMOMARK X1.2 Ink ribbon 625944 THERMOMARK-RIBBON 110 625944 THERMOMARK-RIBBON 110 BU 625944 THERMOMARK-RIBBON 110 BU 625943 THERMOMARK-RIBBON 110 GN 625943 THERMOMARK-RIBBON 110 RD Test for substances that would hinder coating with paint or varnish WP V 3.10.7:2005-02 Result 7est specification weathering-resistance Following ISO 4892-2:2013-03 Test duration 96 h Wipe resistance test result Test passed Salt spray test specification DIN EN 60068-2-11:2000-02 Test duration 96 h Salt spray test specification DIN EN 60068-2-11:2000-02 Test duration 96 h Salt spray testing result Test passed Alternating condensation climate with SO2 test specification DIN 50018:2013-05 Climate level AHT 1.0 S Cycles 2 Condensation test result Test passed Wipe resistance of test specification inscriptions DIN EN 61010-1 (VDE 0411-1):2011-07 Result Test passed Foil strength 50 μm Adhesive strength | Number of individual labels per row | 2 |
| Device 5146477 THERMOMARK ROLL 5146723 THERMOMARK ROLL X1 5146237 THERMOMARK ROLL X1 5146231 THERMOMARK S1.1 5146231 THERMOMARK X1.2 5146231 THERMOMARK X1.2 5145384 THERMOMARK-RIBBON 110 6829544 THERMOMARK-RIBBON 110 6829542 THERMOMARK-RIBBON 110 6829542 THERMOMARK-RIBBON 110 6829542 THERMOMARK-RIBBON 110 6829543 THERMOMARK-RIBBON 110 6829543 THERMOMARK-RIBBON 110 70 70 70 70 70 70 70 | Adhesive | Acrylic |
| 5146723 THERMOMARK ROLL X1 5146257 THERMOMARK S1.1 5146231 THERMOMARK X1.2 5146231 THERMOMARK X1.2 5145384 THERMOMARK-RIBBON 110 0829544 THERMOMARK-RIBBON 110 BU 0829542 THERMOMARK-RIBBON 110 GN 0829543 THERMOMARK-RIBBON 110 GN 0829543 THERMOMARK-RIBBON 110 RD 0829544 THERMOMARK-RIBBON 110 RD 0829543 THERMOMARK-RIBBON 110 RD 0829544 THERMOMARK-RIBBON 110 RD 0829542 THERMOMARK TIBBON 110 RD 0829542 THERMOMARK TIBBON 110 RD 0829542 | Printability | Thermal transfer |
| 5146257 THERMOMARK S1.1 5146231 THERMOMARK X1.2 5146231 THERMOMARK X1.2 5145384 THERMOMARK-RIBBON 110 0829544 THERMOMARK-RIBBON 110 BU 0829542 THERMOMARK-RIBBON 110 GN 0829543 THERMOMARK-RIBBON 110 RD Test for substances that would hinder coating with paint or varnish VW PV 3.10.7:2005-02 Result | Device | 5146477 THERMOMARK ROLL |
| 5146231 THERMOMARK X1.2 Ink ribbon | | 5146723 THERMOMARK ROLL X1 |
| Salt spray test specification Salt spray test specification Salt spray testing result Test passed Salt spray testing result Test passed Alternating condensation climate with SO2 test specification DIN 50018:2013-05 Climate level AHT 1.0 S Cycles Condensation test result Test passed DIN EN 61010-1 (VDE 0411-1):2011-07 Result Test passed Condensation test result Test passed Condensation test result Test passed Condensation DIN EN 61010-1 (VDE 0411-1):2011-07 Result Test passed Condensation Column 1 | | 5146257 THERMOMARK S1.1 |
| 0829544 THERMOMARK-RIBBON 110 BU 0829542 THERMOMARK-RIBBON 110 GN 0829543 THERMOMARK-RIBBON 110 RD Test for substances that would hinder coating with paint or varnish VW PV 3.10.7:2005-02 Result Test passed Test specification weathering-resistance Following ISO 4892-2:2013-03 Test duration 96 h Wipe resistance test result Test passed Salt spray test specification DIN EN 60068-2-11:2000-02 Test duration 96 h Salt spray testing result Test passed Alternating condensation climate with SO2 test specification DIN 50018:2013-05 Climate level AHT 1.0 S Cycles 2 Condensation test result Test passed Wipe resistance of test specification inscriptions DIN EN 61010-1 (VDE 0411-1):2011-07 Result Test passed Foil strength 50 μm Adhesive strength | | 5146231 THERMOMARK X1.2 |
| 0829542 THERMOMARK-RIBBON 110 GN 0829543 THERMOMARK-RIBBON 110 RD Test for substances that would hinder coating with paint or varnish WP V 3.10.7:2005-02 Result Test passed Test specification weathering-resistance Following ISO 4892-2:2013-03 Test duration 96 h Wipe resistance test result Test passed Salt spray test specification DIN EN 60068-2-11:2000-02 Test duration 96 h Salt spray testing result Test passed Alternating condensation climate with SO2 test specification DIN 50018:2013-05 Climate level AHT 1.0 S Cycles 2 Condensation test result Test passed Wipe resistance of test specification inscriptions DIN EN 61010-1 (VDE 0411-1):2011-07 Result Test passed Foil strength Adhesive strength | Ink ribbon | 5145384 THERMOMARK-RIBBON 110 |
| 0829543 THERMOMARK-RIBBON 110 RD Test for substances that would hinder coating with paint or varnish VW PV 3.10.7:2005-02 Result Test passed Test specification weathering-resistance Following ISO 4892-2:2013-03 Test duration 96 h Wipe resistance test result Test passed Salt spray test specification DIN EN 60068-2-11:2000-02 Test duration 96 h Salt spray testing result Test passed Alternating condensation climate with SO2 test specification DIN 50018:2013-05 Climate level AHT 1.0 S Cycles 2 Condensation test result Test passed Wipe resistance of test specification inscriptions DIN EN 61010-1 (VDE 0411-1):2011-07 Result Test passed Foil strength 50 μm Adhesive strength 25 μm | | 0829544 THERMOMARK-RIBBON 110 BU |
| Test for substances that would hinder coating with paint or varnish Result Test passed Test passed Test passed Following ISO 4892-2:2013-03 Test duration 96 h Wipe resistance test result Salt spray test specification DIN EN 60068-2-11:2000-02 Test duration 96 h Salt spray testing result Test passed Alternating condensation climate with SO2 test specification DIN 50018:2013-05 Climate level AHT 1.0 S Cycles 2 Condensation test result Test passed Wipe resistance of test specification inscriptions DIN EN 61010-1 (VDE 0411-1):2011-07 Result Test passed Foil strength Adhesive strength | | 0829542 THERMOMARK-RIBBON 110 GN |
| Result Test passed Test specification weathering-resistance Following ISO 4892-2:2013-03 Test duration 96 h Wipe resistance test result Test passed Salt spray test specification DIN EN 60068-2-11:2000-02 Test duration 96 h Salt spray testing result Test passed Alternating condensation climate with SO2 test specification DIN 50018:2013-05 Climate level AHT 1.0 S Cycles 2 Condensation test result Test passed Wipe resistance of test specification inscriptions DIN EN 61010-1 (VDE 0411-1):2011-07 Result Test passed Foil strength 50 μm Adhesive strength 25 μm | | 0829543 THERMOMARK-RIBBON 110 RD |
| Test specification weathering-resistance Following ISO 4892-2:2013-03 Test duration 96 h Wipe resistance test result Test passed Salt spray test specification DIN EN 60068-2-11:2000-02 Test duration 96 h Salt spray testing result Test passed Alternating condensation climate with SO2 test specification DIN 50018:2013-05 Climate level AHT 1.0 S Cycles 2 Condensation test result Test passed Wipe resistance of test specification inscriptions DIN EN 61010-1 (VDE 0411-1):2011-07 Result Foil strength Adhesive strength 25 µm | Test for substances that would hinder coating with paint or varnish | VW PV 3.10.7:2005-02 |
| Test duration Wipe resistance test result Test passed DIN EN 60068-2-11:2000-02 Test duration 96 h Salt spray test specification 96 h Salt spray testing result Test passed Alternating condensation climate with SO2 test specification DIN 50018:2013-05 Climate level AHT 1.0 S Cycles 2 Condensation test result Test passed Wipe resistance of test specification inscriptions DIN EN 61010-1 (VDE 0411-1):2011-07 Result Test passed Foil strength Adhesive strength | Result | Test passed |
| Wipe resistance test result Salt spray test specification DIN EN 60068-2-11:2000-02 Test duration 96 h Salt spray testing result Alternating condensation climate with SO2 test specification DIN 50018:2013-05 Climate level AHT 1.0 S Cycles 2 Condensation test result Test passed Wipe resistance of test specification inscriptions DIN EN 61010-1 (VDE 0411-1):2011-07 Result Test passed Foil strength 50 µm Adhesive strength | Test specification weathering-resistance | Following ISO 4892-2:2013-03 |
| Salt spray test specification DIN EN 60068-2-11:2000-02 Test duration 96 h Salt spray testing result Test passed Alternating condensation climate with SO2 test specification DIN 50018:2013-05 Climate level AHT 1.0 S Cycles 2 Condensation test result Test passed Wipe resistance of test specification inscriptions DIN EN 61010-1 (VDE 0411-1):2011-07 Result Test passed Foil strength 50 μm Adhesive strength | Test duration | 96 h |
| Test duration 96 h Salt spray testing result Test passed Alternating condensation climate with SO2 test specification DIN 50018:2013-05 Climate level AHT 1.0 S Cycles 2 Condensation test result Test passed Wipe resistance of test specification inscriptions DIN EN 61010-1 (VDE 0411-1):2011-07 Result Test passed Foil strength 50 μm Adhesive strength 25 μm | Wipe resistance test result | Test passed |
| Salt spray testing result Alternating condensation climate with SO2 test specification DIN 50018:2013-05 Climate level AHT 1.0 S Cycles 2 Condensation test result Test passed Wipe resistance of test specification inscriptions DIN EN 61010-1 (VDE 0411-1):2011-07 Result Test passed Foil strength 50 µm Adhesive strength | Salt spray test specification | DIN EN 60068-2-11:2000-02 |
| Alternating condensation climate with SO2 test specification DIN 50018:2013-05 Climate level AHT 1.0 S Cycles 2 Condensation test result Test passed Wipe resistance of test specification inscriptions DIN EN 61010-1 (VDE 0411-1):2011-07 Result Test passed Foil strength 50 µm Adhesive strength | Test duration | 96 h |
| Climate level AHT 1.0 S Cycles 2 Condensation test result Test passed Wipe resistance of test specification inscriptions DIN EN 61010-1 (VDE 0411-1):2011-07 Result Test passed Foil strength 50 µm Adhesive strength 25 µm | Salt spray testing result | Test passed |
| Cycles 2 Condensation test result Test passed Wipe resistance of test specification inscriptions DIN EN 61010-1 (VDE 0411-1):2011-07 Result Test passed Foil strength 50 μm Adhesive strength 25 μm | Alternating condensation climate with SO2 test specification | DIN 50018:2013-05 |
| Condensation test result Test passed Wipe resistance of test specification inscriptions DIN EN 61010-1 (VDE 0411-1):2011-07 Test passed Foil strength 50 µm Adhesive strength 25 µm | Climate level | AHT 1.0 S |
| Wipe resistance of test specification inscriptions DIN EN 61010-1 (VDE 0411-1):2011-07 Result Test passed Foil strength 50 μm Adhesive strength 25 μm | Cycles | 2 |
| Result Test passed Foil strength 50 μm Adhesive strength 25 μm | Condensation test result | Test passed |
| Foil strength 50 µm Adhesive strength 25 µm | Wipe resistance of test specification inscriptions | DIN EN 61010-1 (VDE 0411-1):2011-07 |
| Adhesive strength 25 μm | Result | Test passed |
| | Foil strength | 50 μm |
| Marking mounting type adhesive | Adhesive strength | 25 μm |
| | Marking mounting type | adhesive |

Standards and Regulations

| Wipe resistance | DIN EN 61010-1 (VDE 0411-1) |
|-----------------|-----------------------------|
| • | , |



Classifications

eCl@ss

| eCl@ss 4.0 | 24190219 |
|------------|----------|
| eCl@ss 4.1 | 24190219 |
| eCl@ss 5.0 | 27149103 |
| eCl@ss 5.1 | 27141137 |
| eCl@ss 6.0 | 27141137 |
| eCl@ss 7.0 | 27141137 |
| eCl@ss 8.0 | 27400401 |
| eCl@ss 9.0 | 27400401 |

ETIM

| ETIM 2.0 | EC000761 |
|----------|----------|
| ETIM 3.0 | EC000761 |
| ETIM 4.0 | EC000761 |
| ETIM 5.0 | EC001530 |
| ETIM 6.0 | EC001530 |

UNSPSC

| UNSPSC 6.01 | 30211811 |
|---------------|----------|
| UNSPSC 7.0901 | 39121410 |
| UNSPSC 11 | 39121410 |
| UNSPSC 12.01 | 39121410 |
| UNSPSC 13.2 | 39131504 |

Approvals

Approvals

Approvals

UL Recognized

Ex Approvals

Approval details

UL Recognized



http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm

FILE MH 48542



Accessories

Accessories

Ink ribbon

Ink ribbon - THERMOMARK-RIBBON 110 - 5145384



Ink ribbon, for roll printer for printing product groups TML..., WML..., WML HF..., WML-FLAG..., WMT..., WMTB..., EML..., EML-ESD..., EML-RM..., EML-HA..., EMLS..., EMLC..., EMLP..., EMLF..., PML..., and PMM..., width: 110 mm, color: black

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