

# US-EMP (52,5X15) - Snap-in markers



0830296

<https://www.phoenixcontact.com/ca/products/0830296>

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Snap-in markers, Card, white, unlabeled, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, mounting type: snapped, lettering field size: 52.5 x 15 mm, Number of individual labels: 16



## Your advantages

- The markers, which are supplied in uniform sheets, can be labeled quickly, easily, and cost-effectively using the THERMOMARK CARD
- The perforated markers and labels are easy to separate and can be easily fitted
- The sheets provide space for including function texts
- The US-EMP ... UniSheet labeling range includes markers that can be fitted into existing CARRIER EMP ... label frames

## Commercial data

|                                      |                     |
|--------------------------------------|---------------------|
| Item number                          | 0830296             |
| Packing unit                         | 10 pc               |
| Minimum order quantity               | 10 pc               |
| Sales key                            | BG14                |
| Product key                          | BG2419              |
| Catalog page                         | Page 318 (C-3-2019) |
| GTIN                                 | 4046356715706       |
| Weight per piece (including packing) | 14.97 g             |
| Weight per piece (excluding packing) | 14.97 g             |
| Customs tariff number                | 39269097            |
| Country of origin                    | DE                  |

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## Technical data

### Product properties

|                                     |                                       |
|-------------------------------------|---------------------------------------|
| Product type                        | Device marking                        |
| Data management status              |                                       |
| Article revision                    | 00                                    |
| Marking                             |                                       |
| Number of individual labels         | 16                                    |
| Number of individual labels per row | 2                                     |
| Identification technology           | Thermal transfer for sheets and cards |

### Mounting

|               |         |
|---------------|---------|
| Mounting type | snapped |
|---------------|---------|

### Material specifications

|                                        |               |
|----------------------------------------|---------------|
| RoHS compliant                         | yes           |
| Foil strength                          | 500 µm        |
| Color                                  | white         |
| Material                               | PVC           |
|                                        | PVC           |
| Flammability rating according to UL 94 | V0            |
| Components                             | Silicone-free |

### Environmental and real-life conditions

#### Test for substances that would hinder coating with paint or varnish

|        |             |
|--------|-------------|
| Result | Test passed |
|--------|-------------|

#### UV resistance

|               |                                |
|---------------|--------------------------------|
| Specification | ISO 4892-2:2013-03 (following) |
| Result        | Test passed                    |
| Test duration | 96 h                           |

#### Wipe resistance of inscriptions

|                                                 |                                                |
|-------------------------------------------------|------------------------------------------------|
| Specification                                   | IEC 61010-1:2010-06                            |
|                                                 | DIN EN 62208 (VDE 0660-511):2012-06 (in parts) |
| Isopropyl<br>[CAS No. 67-63-0]                  | Test passed                                    |
| n-Hexane<br>[CAS No. 110-54-3]                  | Test passed                                    |
| Water + Petroleum ether<br>[CAS No. 64742-82-1] | Test passed                                    |

#### Testing in a condensation changing climate in the presence of sulfur dioxide

|               |                               |
|---------------|-------------------------------|
| Specification | DIN 50018:2013-05 (following) |
|---------------|-------------------------------|

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|               |             |
|---------------|-------------|
| Result        | Test passed |
| Climate level | AHT 1.0 S   |
| Cycles        | 2           |

## Salt spray test

|               |                           |
|---------------|---------------------------|
| Specification | DIN EN 60068-2-11:2000-02 |
| Result        | Test passed               |

## Ambient conditions

|                                                     |                                                                                               |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------------|
| Ambient temperature (operation)                     | -30 °C ... 80 °C                                                                              |
| Recommended storage conditions                      | 10 ... 25 °C / 35 ... 65 % relative humidity. Storage in a cool and dry place is recommended. |
| Recommended ambient temperature (storage/transport) | 10 °C ... 25 °C                                                                               |
| Recommended humidity (storage/transport)            | 35 % ... 65 %                                                                                 |
| Shelf life                                          | 12 months (see packaging date)                                                                |

## Dimensions

|                   |          |
|-------------------|----------|
| Width             | 52.5 mm  |
| Text field width  | 52.50 mm |
| Height            | 0.5 mm   |
| Text field height | 15.00 mm |
| Depth             | 0.5 mm   |
| Length            | 15 mm    |
| Material strength | 0.50 mm  |

## Standards and regulations

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

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-11.0 | 27281106 |
| ECLASS-12.0 | 27281106 |
| ECLASS-13.0 | 27281106 |

### ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | EC001530 |
|----------|----------|

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 39131700 |
|-------------|----------|

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## Environmental product compliance

### EU RoHS

|                                         |                    |
|-----------------------------------------|--------------------|
| Fulfills EU RoHS substance requirements | Yes, No exemptions |
|-----------------------------------------|--------------------|

### EU REACH SVHC

|                                     |                            |
|-------------------------------------|----------------------------|
| REACH candidate substance (CAS No.) | No substance above 0.1 wt% |
|-------------------------------------|----------------------------|

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## Accessories

### THERMOMARK CARD 2.0 - Thermal transfer printer

1085267

<https://www.phoenixcontact.com/ca/products/1085267>



Thermal transfer printer for card materials, including Euro/US power cable and USB cable. User manual printed in German and English. Magazine for UCT-TM.. sheets and magazines for US-... cards. One packing unit each UCT-TM 6, US-EMLP (85,6x54), ink ribbon = 50 m

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### THERMOMARK PRIME 2.0 US - Thermal transfer printer

1472410

<https://www.phoenixcontact.com/ca/products/1472410>



Thermal transfer printer for printing card materials with a print resolution of 300 dpi. Suitable for stationary as well as mobile use thanks a 7" color touch display with integrated "MARKING system app" and a replaceable battery pack.

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## BLUEMARK ID - Printer

1003334

<https://www.phoenixcontact.com/ca/products/1003334>



Monochrome printer with UV inkjet technology and integrated "MARKING system app" identification software. 7" touch color display for printing plastic labels in UC, UCT, US, and UM format, as well as metal labels.

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## BLUEMARK ID COLOR - Printer

1002329

<https://www.phoenixcontact.com/ca/products/1002329>



CMYK multicolor printer with UV inkjet technology, with integrated "MARKING system app" identification software, 7" touch color display for printing plastic labels in UC, UCT, and UM format, as well as metal labels.

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### THERMOMARK-RIBBON 110/50-TC - Ink ribbon

0801384

<https://www.phoenixcontact.com/ca/products/0801384>



Ink ribbon, for THERMOMARK CARD for printing product groups UCT..., US..., and UM..., length: 50 m, roll length: 50 m, width: 110 mm, color: black

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### THERMOMARK-RIBBON 110-TC - Ink ribbon

0801371

<https://www.phoenixcontact.com/ca/products/0801371>



Ink ribbon, for THERMOMARK CARD for printing product groups UCT..., US..., and UM..., length: 300 m, roll length: 300 m, width: 110 mm, color: black



# US-EMP (52,5X15) - Snap-in markers

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## TMP-RIBBON 110 BK 100 - Ink ribbon cartridge

0803374

<https://www.phoenixcontact.com/ca/products/0803374>

Ink ribbon cartridge, for THERMOMARK PRIME for printing product groups UCT. ..., US..., and UM..., length: 70 m, roll length: 70 m, width: 110 mm, color: black



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## TMP-RIBBON 110 BK 101 - Ink ribbon cartridge

0803714

<https://www.phoenixcontact.com/ca/products/0803714>

Ink ribbon cartridge, for THERMOMARK PRIME for printing product groups US(2)-TM(F)..., US-TM(F)L..., US-WMTB..., US-EML..., US-EML(S)P..., US-EMLP-HA..., US-EM(S)P..., US-EML-RS..., length: 60 m, roll length: 60 m, width: 110 mm, color: black



## US-EMP (52,5X15) - Snap-in markers

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### TMP-RIBBON 110 BU 100 - Ink ribbon cartridge

0803378

<https://www.phoenixcontact.com/ca/products/0803378>



Ink ribbon cartridge, for THERMOMARK PRIME for printing product groups US(2)-TM(F)...., US-TM(F)L...., US-WMTB...., US-EML...., US-EML(S)P...., US-EMLP-HA...., US-EM(S)P...., US-EML-RS...., length: 60 m, roll length: 60 m, width: 110 mm, color: blue

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### TMP-RIBBON 110 GN 100 - Ink ribbon cartridge

0803380

<https://www.phoenixcontact.com/ca/products/0803380>



Ink ribbon cartridge, for THERMOMARK PRIME for printing product groups US(2)-TM(F)...., US-TM(F)L...., US-WMTB...., US-EML...., US-EML(S)P...., US-EMLP-HA...., US-EM(S)P...., US-EML-RS...., length: 60 m, roll length: 60 m, width: 110 mm, color: green

# US-EMP (52,5X15) - Snap-in markers

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## TMP-RIBBON 110 RD 100 - Ink ribbon cartridge

0803377

<https://www.phoenixcontact.com/ca/products/0803377>



Ink ribbon cartridge, for THERMOMARK PRIME for printing product groups US(2)-TM(F)..., US-TM(F)L..., US-WMTB..., US-EML..., US-EML(S)P..., US-EMLP-HA..., US-EM(S)P..., US-EML-RS..., length: 60 m, roll length: 60 m, width: 110 mm, color: red

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## TMP-RIBBON 110 YE 100 - Ink ribbon cartridge

0803379

<https://www.phoenixcontact.com/ca/products/0803379>



Ink ribbon cartridge, for THERMOMARK PRIME for printing product groups US(2)-TM(F)..., US-TM(F)L..., US-WMTB..., US-EML..., US-EML(S)P..., US-EMLP-HA..., US-EM(S)P..., US-EML-RS..., length: 60 m, roll length: 60 m, width: 110 mm, color: yellow

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<https://www.phoenixcontact.com/ca/products/0830296>



### BM ID-CARTR. BK - Ink cartridge

1044345

<https://www.phoenixcontact.com/ca/products/1044345>



Replacement UV fluid, 23 ml, color: black

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### BM ID-CARTR. CY - Ink cartridge

1044346

<https://www.phoenixcontact.com/ca/products/1044346>



Replacement UV fluid, 23 ml, color: cyan

## US-EMP (52,5X15) - Snap-in markers

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<https://www.phoenixcontact.com/ca/products/0830296>



## BM ID-CARTR. YE - Ink cartridge

1044348

<https://www.phoenixcontact.com/ca/products/1044348>



Replacement UV fluid, 23 ml, color: yellow

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## TMP-US-MAG1 - Magazine

0803341

<https://www.phoenixcontact.com/ca/products/0803341>



Magazine, For THERMOMARK CARD and THERMOMARK PRIME, for accommodating US cards, length: 0.166 m, width: 114 mm, height: 10 mm

## US-EMP (52,5X15) - Snap-in markers

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<https://www.phoenixcontact.com/ca/products/0830296>



## BM ID-ADAPTER PLATE-US - Magazine

1044355

<https://www.phoenixcontact.com/ca/products/1044355>

Adapter plate for accommodating US sheets



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## CARRIER-EMP (1000X15) GY - Marker carriers

0829366

<https://www.phoenixcontact.com/ca/products/0829366>



Profile, for screwing or riveting, 1000 mm long, for accommodating UC und US materials, height: 15 mm

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<https://www.phoenixcontact.com/ca/products/0830296>



## CARRIER-EMP (1000X15) TR - Marker carriers

0829530

<https://www.phoenixcontact.com/ca/products/0829530>



Marker carriers, transparent, unlabeled, mounting type: screw, rivet, lettering field size: 1000 x 15 mm

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## CARRIER-EMP (49X15) - Marker carriers

0827452

<https://www.phoenixcontact.com/ca/products/0827452>



Marker carriers, black, unlabeled, mounting type: screw, rivet, lettering field size: 49 x 15 mm

## US-EMP (52,5X15) - Snap-in markers

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### CARRIER/L-EMP (1000X15) GY - Marker carriers

0829559

<https://www.phoenixcontact.com/ca/products/0829559>



Profile, self-adhesive, 1000 mm long, for accommodating UC-,/US-, LS-, and EMT (EX15)R material, 15 mm height

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### CARRIER/L-EMP (1000X15) TR - Marker carriers

0829560

<https://www.phoenixcontact.com/ca/products/0829560>



Profile, self-adhesive, 1000 mm long, for accommodating UC-,/US-, LS-, and EMT (EX15)R material, 15 mm height



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## THERMOMARK CARD - Thermal transfer printer

5146464

<https://www.phoenixcontact.com/ca/products/5146464>

Thermal transfer printer for cards



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## THERMOMARK PRIME - Thermal transfer printer

5148888

<https://www.phoenixcontact.com/ca/products/5148888>



Mobile thermal transfer printer for card materials, including power supply unit, Euro/US power cable, and USB cable. User manual printed in German and English. Magazine for UCT-TM... sheets and magazine for US-... cards. One packing unit each UCT-TM 6, US-EMLP (85,6x54), ink ribbon cartridge = 70 m

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## BLUEMARK CLED - Printer

5147999

<https://www.phoenixcontact.com/ca/products/5147999>

Printers with LED-UV technology for printing plastic labels in UniCard format.



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## THERMOMARK CARD-US-MAG1 - Magazine

5146451

<https://www.phoenixcontact.com/ca/products/5146451>

Magazine for the THERMOMARK CARD printer, for accommodating US cards



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