

## Shrink sleeve - WMS 19,1 (60X30)R YE - 0800404

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Shrink sleeve, Roll, yellow, can be labeled with: THERMOMARK ROLLMaster 300/600, THERMOMARK X1.2, THERMOMARK ROLL X1, THERMOMARK ROLL 2.0, THERMOMARK ROLL: without print, perforated, mounting type: slide-on, cable diameter range: 6.4 ... 19.1 mm, lettering field size: 60 x 30 mm, Number of individual labels: 250

### Your advantages

- ✓ The conductor to be marked is simply threaded through the sleeve and fixed by shrinking the sleeve
- ✓ The sleeves remain flexible after shrinking
- ✓ The sleeves are pre-assembled for optimum use of material
- ✓ WMS ... shrink sleeves provide permanent and captive conductor and cable marking
- ✓ The shrink sleeves provide additional electrical insulation and mechanical protection for the conductors
- ✓ Up to four markers per sleeve are separated by perforations
- ✓ UL 224 (125°C, 600 V, all tubing)
- ✓ CSA.C22.2 No. 198.1 (125°C, 600 V, all tubing)

RoHS

### Key Commercial Data

|              |                                                                                                         |
|--------------|---------------------------------------------------------------------------------------------------------|
| Packing unit | 1 pc                                                                                                    |
| GTIN         | <br>4 046356 626712 |
| GTIN         | 4046356626712                                                                                           |

### Technical data

#### Dimensions

|                |                    |
|----------------|--------------------|
| Length (b)     | 60 mm              |
| Width (a)      | 30 mm              |
| Cable diameter | 6.4 mm ... 19.1 mm |

#### Ambient conditions

|                                 |                                                                                                         |
|---------------------------------|---------------------------------------------------------------------------------------------------------|
| Ambient temperature (operation) | -55 °C ... 135 °C                                                                                       |
| Recommended storage conditions  | 23 °C/50 % relative humidity. Storage in a dry and dark place in the original packaging is recommended. |

#### General

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## Technical data

### General

|                                                                     |                                     |
|---------------------------------------------------------------------|-------------------------------------|
| Color                                                               | yellow                              |
| Base element material                                               | polyolefine                         |
| Type                                                                | Shrink sleeve                       |
| Components                                                          | halogen-free                        |
| Material                                                            | Polyolefine                         |
| Shrink rate                                                         | 3:1                                 |
| RoHS compliant                                                      | Yes                                 |
| Wipe resistance                                                     | DIN EN 61010-1 (VDE 0411-1)         |
| Printing                                                            | without print                       |
| Number of individual labels                                         | 250                                 |
| Number of individual labels per row                                 | 1                                   |
| 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                                |
| Result of weather resistance test                                   | Test passed                         |
| Salt spray test specification                                       | DIN EN 60068-2-11:2000-02           |
| Test duration                                                       | 96 h                                |
| Salt spray testing result                                           | Test passed                         |
| Wipe resistance of test specification inscriptions                  | DIN EN 61010-1 (VDE 0411-1):2011-07 |
| Result of wipe resistance test                                      | Test passed                         |
| Marking mounting type                                               | slide-on                            |

### Standards and Regulations

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

## Classifications

### eCl@ss

|               |          |
|---------------|----------|
| eCl@ss 10.0.1 | 27400401 |
| eCl@ss 4.0    | 24190200 |
| eCl@ss 4.1    | 24190200 |
| eCl@ss 5.0    | 27400100 |
| eCl@ss 5.1    | 27400100 |
| eCl@ss 6.0    | 27400100 |
| eCl@ss 7.0    | 27400105 |
| eCl@ss 8.0    | 27400105 |
| eCl@ss 9.0    | 27400401 |

### ETIM

|          |          |
|----------|----------|
| ETIM 2.0 | EC000761 |
|----------|----------|

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### Classifications

#### ETIM

|          |          |
|----------|----------|
| ETIM 3.0 | EC001530 |
| ETIM 4.0 | EC000217 |
| ETIM 5.0 | EC000217 |
| ETIM 6.0 | EC001530 |
| ETIM 7.0 | EC001530 |

#### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211811 |
| UNSPSC 7.0901 | 39121410 |
| UNSPSC 11     | 39121410 |
| UNSPSC 12.01  | 39121410 |
| UNSPSC 13.2   | 39131504 |
| UNSPSC 18.0   | 39131504 |
| UNSPSC 19.0   | 39131504 |
| UNSPSC 20.0   | 39131504 |
| UNSPSC 21.0   | 39131504 |

### Approvals

#### Approvals

##### Approvals

CSA / UL Recognized

##### Ex Approvals

#### Approval details

|     |                                                                                     |                                                                                                                                         |        |
|-----|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|--------|
| CSA |  | <a href="http://www.csagroup.org/services-industries/product-listing/">http://www.csagroup.org/services-industries/product-listing/</a> | 252259 |
|-----|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|--------|

|               |                                                                                     |                                                                                                                                                       |               |
|---------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| UL Recognized |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | FILE E 310982 |
|---------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|

### Accessories

#### Accessories

Ink ribbon

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Ink ribbon - THERMOMARK-RIBBON 110-WMSU - 0801358



Ink ribbon, for roll printer for printing product groups WMS... and WMS-2 HF..., width: 110 mm, color: black

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Ink ribbon - THERMOMARK-RIBBON 64-WMSU - 0801360



Ink ribbon, for roll printer for printing product groups WMS... and WMS-2 HF..., width: 64 mm, color: black

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Ink ribbon - THERMOMARK-RIBBON 64-WMSU WH - 0801361



Ink ribbon, for roll printer for printing product group WMS... (black), width: 64 mm, color: white

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Ink ribbon - THERMOMARK-RIBBON 110-WMSU WH - 0801359



Ink ribbon, for roll printer for printing product group WMS... (black), width: 110 mm, color: white

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### Printing system accessories

Media hub - THERMOMARK ROLL-ERH - 5146448



External media hub, for the THERMOMARK ROLL, for roll diameter of 150 to 400 mm

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