


|                           |                                      |   |
|---------------------------|--------------------------------------|---|
|                           | <b>DATA SHEET</b>                    |  |
| Valid from:<br>18-01-2019 | <b>FLEXIMARK® CABLELABEL PUR FCC</b> |   |

Ready-made cable marking with text.  
Text according to customer specifications.  
Indoor and outdoor in industrial environment.  
Halogen free and flame retardant cable marking .  
Mounted directly on the cable together with plastic cable ties.  
Different sizes give different printing area.



FLEXIMARK® Cablelabel PUR



FLEXIMARK® Cablelabel PUR Diamond

### Technical data

|                        |   |
|------------------------|---|
| Material:              | Thermoplastic Polyether-Polyurethane (PUR) halogen free, hydrolysis and micro organism resistant material |
| Operating temperature: | -50°C up to +100°C. Peak +125°C   |
| Recommended storage:   | Cool and dry in original packaging  |
| Colour:                | Yellow, white, red, orange, blue, black, green (depending on size)  |

### Mounting:

FLEXIMARK® Cablelabel PUR is mounted directly on the cable together with one or two plastic cable ties

### Other product data:

|                      |   |
|----------------------|---|
| ETIM Classification: | EC001288  |
| Resistance:          | Durability of the text (with Ribbon FTI-Y): MIL81531 (SAE-AS81531-1998 Clause 3.4.2/4.6.2). Resistance toward solvent: MIL-STD-202G. MIL81531 (SAE-AS81531-1998 Clause 3.4.2/4.6.2) |
| Approvals:           | Raw material: UL 94-V0  |

### Advantages:

Ready-made marking for mounting on cable.  
Adapted for industrial environment.  
Halogen free and flame retardant durable material.  
Flexible material improves the mounting process of FLEXIMARK® Cablelabel PUR.  
Text with long term durability thanks to thermal transfer printing.  
Thermal transfer printing method increases smudge, scratch resistance and resistance to oils and chemicals.  
The label roll gives a better overview over the printout.

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|-----------------------|---|-------------|
| Creator: Fleximark/LR | Document: DB61800391EN FLEXIMARK Cablelabel PUR FCC CustomizedCustomized<br>Version: 02 | Page 1 of 3 |
|-----------------------|---|-------------|

# DATA SHEET



Valid from:  
18-01-2019

## FLEXIMARK® CABLELABEL PUR FCC

### Product data:

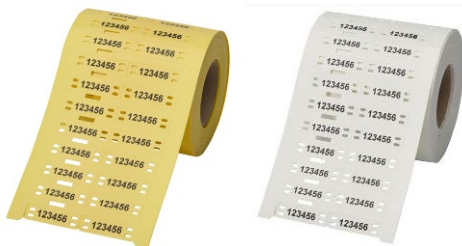
| Part no. | Article designation                    | Type of roll          | Size WxH (mm) | Colour | Mounting with cable ties | Content (unit) | PU |
|----------|--|-----------------------|---------------|--------|--------------------------|----------------|----|
| 83255364 | FLEXIMARK Cablelabel PUR 20x30D YE FCC | Diamond               | 20x30         | Yellow | 1                        | 1              | 1  |
| 83255365 | FLEXIMARK Cablelabel PUR 35x10 YE FCC  | 2 rows marking / roll | 35x10         | Yellow | 2                        | 1              | 1  |
| 83255366 | FLEXIMARK Cablelabel PUR 55x12 YE FCC  | 2 rows marking / roll | 55x12         | Yellow | 1                        | 1              | 1  |
| 61800391 | FLEXIMARK Cablelabel PUR 60x10 YE FCC  | 1 row marking / roll  | 60x10         | Yellow | 2                        | 1              | 1  |
| 61800392 | FLEXIMARK Cablelabel PUR 75x15 YE FCC  | 1 row marking / roll  | 75x15         | Yellow | 2                        | 1              | 1  |
| 61800393 | FLEXIMARK Cablelabel PUR 75x25 YE FCC  | 1 row marking / roll  | 75x25         | Yellow | 2                        | 1              | 1  |
| 83255368 | FLEXIMARK Cablelabel PUR 100x60 YE FCC | 1 row marking / roll  | 100x60        | Yellow | 2                        | 1              | 1  |
| 83255369 | FLEXIMARK Cablelabel PUR 20x30D WH FCC | Diamond               | 20x30         | White  | 1                        | 1              | 1  |
| 83255370 | FLEXIMARK Cablelabel PUR 35x10 WH FCC  | 2 rows marking / roll | 35x10         | White  | 2                        | 1              | 1  |
| 83255371 | FLEXIMARK Cablelabel PUR 55x12 WH FCC  | 2 rows marking / roll | 55x12         | White  | 1                        | 1              | 1  |
| 61800394 | FLEXIMARK Cablelabel PUR 60x10 WH FCC  | 1 row marking / roll  | 60x10         | White  | 2                        | 1              | 1  |
| 61800395 | FLEXIMARK Cablelabel PUR 75x15 WH FCC  | 1 row marking / roll  | 75x15         | White  | 2                        | 1              | 1  |
| 61800396 | FLEXIMARK Cablelabel PUR 75x25 WH FCC  | 1 row marking / roll  | 75x25         | White  | 2                        | 1              | 1  |
| 83255372 | FLEXIMARK Cablelabel PUR 100x60 WH FCC | 1 row marking / roll  | 100x60        | White  | 2                        | 1              | 1  |
| 61800397 | FLEXIMARK Cablelabel PUR 60x10 RD FCC  | 1 row marking / roll  | 60x10         | Red    | 2                        | 1              | 1  |
| 61800398 | FLEXIMARK Cablelabel PUR 75x15 RD FCC  | 1 row marking / roll  | 75x15         | Red    | 2                        | 1              | 1  |
| 61800399 | FLEXIMARK Cablelabel PUR 75x25 RD FCC  | 1 row marking / roll  | 75x15         | Red    | 2                        | 1              | 1  |
| 61800400 | FLEXIMARK Cablelabel PUR 60x10 OG FCC  | 1 row marking / roll  | 60x10         | Orange | 2                        | 1              | 1  |
| 61800401 | FLEXIMARK Cablelabel PUR 75x15 OG FCC  | 1 row marking / roll  | 75x15         | Orange | 2                        | 1              | 1  |
| 61800402 | FLEXIMARK Cablelabel PUR 75x25 OG FCC  | 1 row marking / roll  | 75x25         | Orange | 2                        | 1              | 1  |
| 61800403 | FLEXIMARK Cablelabel PUR 60x10 BU FCC  | 1 row marking / roll  | 60x10         | Blue   | 2                        | 1              | 1  |
| 61800404 | FLEXIMARK Cablelabel PUR 75x15 BU FCC  | 1 row marking / roll  | 75x15         | Blue   | 2                        | 1              | 1  |
| 61800412 | FLEXIMARK Cablelabel PUR 75x25 BK FCC  | 1 row marking / roll  | 75x25         | Blue   | 2                        | 1              | 1  |
| 61800406 | FLEXIMARK Cablelabel PUR 60x10 BK FCC  | 1 row marking / roll  | 60x10         | Black  | 2                        | 1              | 1  |
| 61800407 | FLEXIMARK Cablelabel PUR 75x15 BK FCC  | 1 row marking / roll  | 75x15         | Black  | 2                        | 1              | 1  |
| 61800413 | FLEXIMARK Cablelabel PUR 75x25 BK FCC  | 1 row marking / roll  | 75x25         | Black  | 2                        | 1              | 1  |
| 61800414 | FLEXIMARK Cablelabel PUR 60x10 GN FCC  | 1 row marking / roll  | 60x10         | Green  | 2                        | 1              | 1  |
| 61800415 | FLEXIMARK Cablelabel PUR 75x15 GN FCC  | 1 row marking / roll  | 75x15         | Green  | 2                        | 1              | 1  |
| 61800416 | FLEXIMARK Cablelabel PUR 75x25 GN FCC  | 1 row marking / roll  | 75x25         | Green  | 2                        | 1              | 1  |




**FLEXIMARK® Cablelabel PUR (1 row marking on each roll)**



**FLEXIMARK® Cablelabel PUR 20x30D (Diamond)**



**FLEXIMARK® Cablelabel PUR (2 rows marking on each roll)**

|                           |                                      |   |
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### UV Stability data

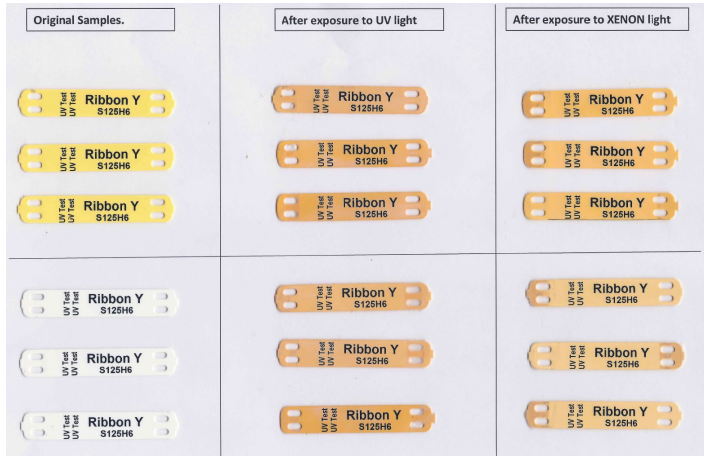
Results of accelerated ageing testing (testing made by the supplier) are as a result of artificial lighting/illumination in a laboratory. Duration of test is 500 hours, which equals 10 years exposure.

TEST with UV lamp UV (340)

- Light 60 ° irradiation 0.76 W/m<sup>2</sup> duration 8 hours
- Spray duration 15 min.
- Condensation 50 ° duration 3,45 hour.

TEST with XENON lamp, XENON (340)

- Light 65 ° c irradiation 0.50 W/m<sup>2</sup> duration 1,42 hours
- Light + Spray duration 0.60 W/m<sup>2</sup> duration 18 min.



### Physical data

| Properties   | Test Method    | Typical Value          |
|--|----------------|------------------------|
| Hardness   | DIN 53505      | 58 Shore D             |
| Density  | DIN 53479      | 1,27 g/cm <sup>3</sup> |
| Tensile Strength   | DIN 53504      | 30 MPa                 |
| Elongation at break  | DIN 53504      | 400%                   |
| Stress at 20% elongation                                       | DIN 53504      | 13 MPa                 |
| Stress at 100% elongation                                      | DIN 53504      | 19 MPa                 |
| Stress at 300% elongation                                      | DIN 53504      | 33 MPa                 |
| Tear Strength  | DIN 53515      | 110 N/mm               |
| Abrasion Loss  | DIN 53516      | 30 mm <sup>3</sup>     |
| Compression set at room temperature                            | DIN EN ISO 815 | 30%                    |
| Compression set at 70°C  | DIN EN ISO 815 | 45%                    |
| Tensile strength after storage in water at 80°C for 42 days    | DIN 53504      | 20MPa                  |
| Elongation at break after storage in water at 80°C for 42 days | DIN 53504      | 400%                   |
| Notched impact strength (Charpy) +23°C                         | DIN EN ISO 179 | 50 kJ/m <sup>2</sup>   |
| Notched impact strength (Charpy) -30°C                         | DIN EN ISO 179 | 3 kJ/m <sup>2</sup>    |

### Related products:

FLEXIMARK® CABLELABEL PUR is mounted with cables ties. Within FLEXIMARK® Assortment we offer different plastic cable ties.

### Note:

Pictures are not to scale and do not represent detailed images of each product.

|                       |   |             |
|-----------------------|---|-------------|
| Creator: Fleximark/LR | Document: DB61800391EN FLEXIMARK Cablelabel PUR FCC CustomizedCustomized<br>Version: 02 | Page 3 of 3 |
|-----------------------|---|-------------|