


	<b>DATA SHEET</b>	
Valid from: 05-12-2018	<b>FLEXIMARK® Cablelabel PUR</b>	

Cable marking. Indoor and outdoor in industrial environments.  
Halogen free and flame retardant cable marking.  
Mounted directly on the cable together with plastic cable ties.  
Printed with CAB thermal transfer printers.  
Different sizes give different printing area.



**Technical data:**

Material:	Thermoplastic Polyether-Polyurethane (PUR) halogen free, hydrolysis and micro organism resistant material.
Temperature range:	-50°C up to +100°C. Peak 125°C
Colour:	Yellow, white, red, orange, blue, black, green (depending on size).
Approvals:	Raw material: UL 94-V0
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)
Recommended ribbon:	FTI-Y
Recommended storage:	Cool and dry in original packing

**Mounting:**

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


**Other product data:**

ETIM Classification: EC001288

**Advantages:**

Print your own marking when you need it.  
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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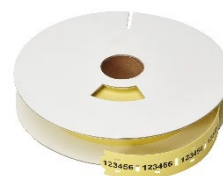
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**Product data:**

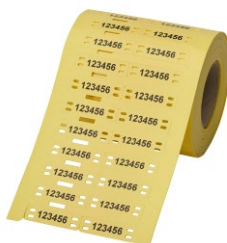
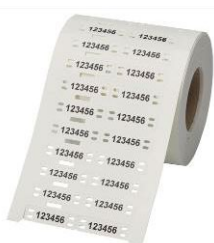
E-nr.	LAPP Part no.	Article designation	Type of roll	Size WxH (mm)	Colour	Mounting holes	Content (unit)	PU
2941503	83280275	FLEXIMARK Cablelabel PUR 20x30YE Diamond	Diamond	20x30	Yellow	1	1000	1
2941504	83280276	FLEXIMARK Cablelabel PUR 20x30WH Diamond	Diamond	20x30	White	1	1000	1
2941507	83280279	FLEXIMARK Cablelabel PUR 35x10YE 2H	2 rows marking / roll	35x10	Yellow	2	1000	1
2941509	83280280	FLEXIMARK Cablelabel PUR 35x10WH 2H	2 rows marking / roll	35x10	White	2	1000	1
2941505	83280277	FLEXIMARK Cablelabel PUR 55x12YE 1H	2 rows marking / roll	55x12	Yellow	1	1000	1
2941506	83280278	FLEXIMARK Cablelabel PUR 55x12WH 1H	2 rows marking / roll	55x12	White	1	1000	1
2973959	83260191	FLEXIMARK Cablelabel PUR 60x10 YE 2H	1 row marking / roll	60x10	Yellow	2	1000	1
2973962	83260194	FLEXIMARK Cablelabel PUR 60x10 WH 2H	1 row marking / roll	60x10	White	2	1000	1
2940477	83280260	FLEXIMARK Cablelabel PUR 60x10 RD 2H	1 row marking / roll	60x10	Red	2	1000	1
2940486	83280263	FLEXIMARK Cablelabel PUR 60x10 OG 2H	1 row marking / roll	60x10	Orange	2	1000	1
2940490	83280266	FLEXIMARK Cablelabel PUR 60x10 BU 2H	1 row marking / roll	60x10	Blue	2	1000	1
2940522	83280269	FLEXIMARK Cablelabel PUR 60x10 BK 2H	1 row marking / roll	60x10	Black	2	1000	1
2941215	83280272	FLEXIMARK Cablelabel PUR 60x10 GN 2H	1 row marking / roll	60x10	Green	2	1000	1
2973960	83260192	FLEXIMARK Cablelabel PUR 75x15 YE 2H	1 row marking / roll	75x15	Yellow	2	1000	1
2973963	83260195	FLEXIMARK Cablelabel PUR 75x15 WH 2H	1 row marking / roll	75x15	White	2	1000	1
2940478	83280261	FLEXIMARK Cablelabel PUR 75x15 RD 2H	1 row marking / roll	75x15	Red	2	1000	1
2940487	83280264	FLEXIMARK Cablelabel PUR 75x15 OG 2H	1 row marking / roll	75x15	Orange	2	1000	1
2940499	83280267	FLEXIMARK Cablelabel PUR 75x15 BU 2H	1 row marking / roll	75x15	Blue	2	1000	1
2940523	83280270	FLEXIMARK Cablelabel PUR 75x15 BK 2H	1 row marking / roll	75x15	Black	2	1000	1
2941216	83280273	FLEXIMARK Cablelabel PUR 75x15 GN 2H	1 row marking / roll	75x15	Green	2	1000	1
2973961	83260193	FLEXIMARK Cablelabel PUR 75-25 YE 2H	1 row marking / roll	75x25	Yellow	2	500	1
2973964	83260196	FLEXIMARK Cablelabel PUR 75-25 WH 2H	1 row marking / roll	75x25	White	2	500	1
2940479	83280262	FLEXIMARK Cablelabel PUR 75x25 RD 2H	1 row marking / roll	75x25	Red	2	500	1
2940488	83280265	FLEXIMARK Cablelabel PUR 75x25 OG 2H	1 row marking / roll	75x25	Orange	2	500	1
2940521	83280268	FLEXIMARK Cablelabel PUR 75x25 BU 2H	1 row marking / roll	75x25	Blue	2	500	1
2940524	83280271	FLEXIMARK Cablelabel PUR 75x25 BK 2H	1 row marking / roll	75x25	Black	2	500	1
2941217	83280274	FLEXIMARK Cablelabel PUR 75x25 GN 2H	1 row marking / roll	75x25	Green	2	500	1
2941551	83255321	FLEXIMARK Cablelabel PUR 100x60 YE 2H	1 row marking / roll	100x60	Gul	2	250	1
2941552	83255322	FLEXIMARK Cablelabel PUR 100x60 WH 2H	1 row marking / roll	100x60	Gul	2	250	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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### Related products

FLEXIMARK® CABLELABEL PUR is printed with CAB thermal transfer printers (available in our assortment).

To make the printing process more efficient, the usage of FLEXIMARK® Software, label software for printing marking systems, is recommended. The FLEXIMARK® Software is also included in the package when you purchase a printer from Fleximark AB. It is important to choose the right ribbon for the right marking. We recommend FTI-Y ribbon for durable thermal transfer printing with CABLELABEL PUR.



### UV Stability data

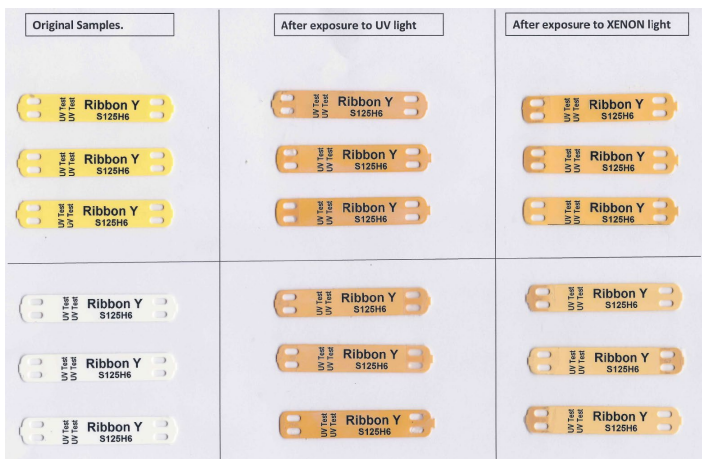
Results of accelerated ageing testing (testing made by the supplier) are as a result of artificial lighting/illumination in a laboratory. Duration of test is 500 hours, which equals 10 years exposure.

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>

#### Note:

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

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