

FLEXIMARK® THERMO CLIP

Temperature indicator for monitoring power cables, with memory effect, halogen-free, available for different cable outer diameters.



Mechanical and plant engineering



Assembly time

Benefits

The attached temperature indicators make visual inspection of electrical equipment possible. A colour change occurs if the temperature is exceeded.

Quickly identifying overheated electrical components makes rapid cause analysis possible. This allows appropriate countermeasures to be initiated to avoid plant downtimes.

24/7 monitoring and the memory effect make it possible to continuously record temperature exceedance, and can act as an early warning of overheating.

Safe, fast and uncomplicated installation.

Halogen-free product that generates no harmful gases in the event of a fire.

Application range

For indicating that temperatures have been exceeded.

Reversible colour change at temperatures of +53 °C to +70 °C.

Irreversible colour change at temperatures from +71 °C.

For use with power cables.

Can be used in dry interiors.

Note

Limitations: FLEXIMARK® THERMO CLIP series are suitable for use on 600 VAC/VDC max rated wire insulation. FLEXIMARK® THERMO CLIP series are not suitable for unprotected use outdoors or in direct sunlight. The clips are vulnerable to degradation and non-performance from prolonged exposure to ultra-violet (UV) light. FLEXIMARK® THERMO CLIP series are not suitable for use in sub-zero temperatures. FLEXIMARK® THERMO CLIP series will not prevent electrical faults or fires but will aid in monitoring abnormal temperatures and will give visual indication of abnormal wire insulation temperature above 71 °C for whatever underlying cause. Use of FLEXIMARK® THERMO CLIP series does not replace the need to formally inspect, test, maintain and install electrical installations in accordance with locally applicable: electrical installation/inspection/maintenance codes; health and safety requirements and manufacturer's instructions. This information is provided solely for consideration, investigation, and verification by the user. FLEXIMARK® THERMO CLIP series are not suitable for all environmental applications. The end user must verify that they are suitable for use in their application.

Technical Data

Classification ETIM 5:	EC003592
On request:	Further dimensions and symbols
Colour delivered:	Purple
Material:	5-10% Thermochromic Masterbatch. 90-95% Polypropylene, nonhalogenated (Halogen-free).
Temperature range:	Reversible colour change at temperatures of +53 °C to +70 °C. Irreversible colour change at temperatures from +71 °C.

Note

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

Prices are net prices without VAT and surcharges. Sale to business customers only.

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Product Management www.lappkabel.de

You can find the current technical data in the corresponding data sheet.

PN 0456 / 02_03.16

FLEXIMARK® THERMO CLIP

FLEXIMARK® products are sold in packaging units. As example if you like to order 640 labels of LCK 32 you just need to order 1 PU instead of 640 single labels.

FLEXIMARK® THERMO CLIP

Article number	Article designation	Cable diameter	Conductor cross-section	PU
83881100	FLEXIMARK THERMO CLIP H1 70 °C -50	Ø 2,3-4,2	2,3-4,2 mm	50
83881101	FLEXIMARK® THERMO CLIP H1 70 °C -1000	Ø 2,3-4,2	2,3-4,2 mm	1000
83881102	FLEXIMARK® THERMO CLIP H1 70 °C -5000	Ø 2,3-4,2	2,3-4,2 mm	5000
83881103	FLEXIMARK® THERMO CLIP H2 70 °C -50	Ø 4,8-7,1	4,8-7,1 mm	50
83881104	FLEXIMARK® THERMO CLIP H2 70 °C -500	Ø 4,8-7,1	4,8-7,1 mm	500
83881105	FLEXIMARK® THERMO CLIP H2 70 °C -5000	Ø 4,8-7,1	4,8-7,1 mm	5000
83881106	FLEXIMARK® THERMO CLIP H3 70 °C -25	Ø 8-13,6	8-13,6 mm	25
83881107	FLEXIMARK® THERMO CLIP H3 70 °C -250	Ø 8-13,6	8-13,6 mm	250
83881108	FLEXIMARK® THERMO CLIP H3 70 °C -2000	Ø 8-13,6	8-13,6 mm	2000
83881109	FLEXIMARK® THERMO CLIP H4 70 °C -12	Ø 13,8-23	13,8-23 mm	12
83881110	FLEXIMARK® THERMO CLIP H4 70 °C -120	Ø 13,8-23	13,8-23 mm	120
83881111	FLEXIMARK® THERMO CLIP H4 70 °C -500	Ø 13,8-23	13,8-23 mm	500
83881112	FLEXIMARK® THERMO CLIP H5 70 °C -6	Ø 23-31	23-31 mm	6
83881113	FLEXIMARK® THERMO CLIP H5 70 °C -60	Ø 23-31	23-31 mm	60
83881114	FLEXIMARK® THERMO CLIP H5 70 °C -240	Ø 23-31	23-31 mm	240