FLEXIMARK® Marking Guide –

Mark your success

LAPP GROUP

The Lapp Group

Headquartered in Stuttgart, Germany, the Lapp Group is a leading supplier of integrated wire, cabling and connector products and solutions. Its offering includes electrical and fibre optic cables, industrial plug-in and screw connectors, cabling solutions, automation technology and technical accessories.

Lapp Group has remained in continuous family ownership since it was founded in 1959. The Lapp Group employs some 2,800 people, operates 15 production sites and 40 sales companies and cooperates with approximately 100 national partners worldwide.

Industries, markets, solutions

The Lapp Group is at home in any industries with solutions that are perfectly tailored. Employees in our internal and field sales teams know the requirements and characteristics down to the last detail. In addition, our in-depth knowledge and many years of experience is at your disposal. Choose from a unique programme and profit from the outstanding characteristics of our international range of branded products for e.g.:

- Mechanical engineering
- Measurement and control technology
- Electrical and installation engineering
- Automotive engineering
- Renewable energy
- e-Mobility
- Life science industry

Brand quality from Stuttgart

ÖLFLEX®
Power- and control cables

The world's first brand cable is available in the most varied of versions to match maximum requirements.
Key features: Oil-resistant, flexible and available to match almost any requirement or environmental condition – also free of halogens.
Fields of application: Multipurpose. Special variants are more and more in demand in the area of renewable energies.

SILVYN®
Protective cable conduit- and cable carrier systems

The brand for all-round cable protection.
Key features: The product range includes SILVYN® cable protection hoses for perfect protection against mechanical and chemical loads, along with SILVYN® CHAIN energy supply chains for highly-dynamic applications.
Fields of application: Everywhere that cables have to be additionally protected or routed.

UNITRONIC®
Data communication systems

The ideal brand for fast, trend-setting and reliable data transfer.
Key features: UNITRONIC® are not only data lines, but also bus lines, which together with active sensor/actuator modules or gateways provide a perfect system for automation.
**Fields of application:** Measurement, control, regulation, bus or LAN networks.

EPIC®
Industrial connectors

The brand for strong and reliable connections.
Key features: Robust square and circular connectors. Flexible system consisting of housings, inserts, contacts and accessories – for every requirement, the tailor-made solution. Similarly, EPIC® SOLAR plugs for photovoltaics are also part of the extensive product range.
Fields of application: Mechanical and systems engineering, and drive technology.
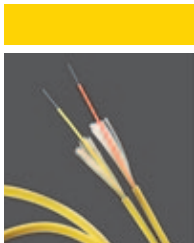
HITRONIC®
Optical transmission systems

The brand for split-second, fault-free, intercept-free data transport.
Key features: The HITRONIC® product range includes fibre optic cables in the most varied of versions, along with suitable accessories such as splice boxes, wall distributors or couplings.
Fields of application: Office and industrial sector.

ETHERLINE®
Data communication systems for ETHERNET-Technology

The brands for network solutions, safety systems and firewalls in the industrial networking sector.
Key features: Integral system consisting of hardware (switches, routers, cables, plugs etc.), software, consulting, network design and support.
Fields of application: Factory automation.

SKINTOP®
Cable glands

The brand for multipurpose cable entries in line with the following: quickly fastened, centred and hermetically sealed.
Key features: Large clamping areas, optimum strain reliefs, the most diverse of versions such as SKINTOP® CLICK, COLD or CUBE.
Fields of application: Everywhere, where cables must be fastened reliably and quickly.

FLEXIMARK®
Cable marking products

The brand for permanent, clearly-arranged cable markings.
Key features: Comprehensive range – from manual labelling solutions onto digital identification. Withstands high chemical, thermal and mechanical loads.
Fields of application: All cable, single cores, control cabinets.

FLEXIMARK®
Marking systems

Labels on single cores, cables and control cabinets need to remain legible for years to come.

This is the best way to keep things well organized and avoid potential problems. From plastic to durable stainless steel, manual or electronic identification, with FLEXIMARK® you can be sure that your labels will last a lifetime.

Further information

Further information on the FLEXIMARK® marking systems can be found in our latest main catalogue. For more useful information about the Lapp Group visit **www.lappgroup.com**.

The FLEXIMARK® marking software

The FLEXIMARK® marking software allows you to print on many types of labels. Any of the Microsoft® Windows options can be used to add lettering e.g. graphics, cliparts, fonts and sizes to the labels. The integral text editor allows you to achieve exactly the result you want, quick and easy, when capturing labels. Equally simple is the data import, individual logo saving and barcode application functions.

Further information on FLEXIMARK® marking software, as well as a free trial download can be found at www.lappkabel.de/en/fleximark.

Thermal transfer printers for "Data Marking System"

The FLEXIMARK® Thermoprint A4+M/300 is build for uncompromising permanent operation and for high printing volumes. The Thermal transfer print is used for several applications. Every specific customer demand can be implemented due to the large periphery and software.

Ideal for industrial marking. The thermal transfer printing method increases the smudge and scratch resistance of the printed surface and provides increased resistance to oils and chemicals as well. For printing many different labels such as self-adhesive labels for equipment labelling, cable markers and shrink tubes.

Accessories for the "Basic Marking System" and "Data Marking System"

DYMO® Industry
The mobile label printer for industry. The new industrial printer (Rhino PRO 6000) makes it easy for fitters and industrial retailers to mark components in the electronics and cabinet construction sectors.

FLEXIMARK® plier FL52 – ERA
For cutting and die-cutting label holders. The light-weight of this pocket-size product makes it suitable for all.

Cable ties and tools for stainless steel markings

Stainless Steel Cable Ties LS
LS Stainless steel cable ties can be used outdoors and under the most extreme conditions. These cable ties are self-locking – no need for time-consuming pressing and fastening together.

FLEXIMARK® STEEL GUN HT-338
The assembly tool for stainless steel cable ties. The force can be adjusted in increments for ease of use. The cable tie is automatically cut at the end when the desired tension is achieved and herewith prevents sharp edges.

<table>
<tr><th colspan="2" rowspan="2">How?

What?</th><th colspan="4">Data Marking System</th></tr>
<tr><th colspan="4">Marking with labels for laser or thermal transfer printer
(You will find further information about the FLEXIMARK® marking software on the right)</th></tr>
<tr><td colspan="2"></td><td colspan="2">with laser office printer</td><td colspan="2">with thermal transfer printer</td></tr>

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<td rowspan="3">Marking of Cables</td>
<td>outdoor & indoor</td>
<td>Collars for
cable ties LFL 4,2</td>
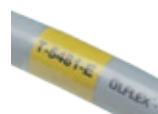<td>Flexilabel LFL
Holders PTET/CAB</td>
<td>Flexilabel TFL
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<td>Collars for cable ties
Marking tags TMB</td>
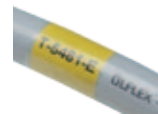</tr>

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<td rowspan="2">indoor</td>
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<td>Cable label LFL</td>
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<td>Basic Tie Ident BTI
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Flexilabel LFL 4,2</td>
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Shrink mark SM</td>
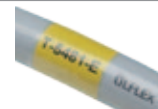</tr>

<tr>
<td>after mounting</td>
<td>TCK labels</td>
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<td>terminals</td>
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Marking tags CLIP-ON TMB</td>
<td>Active Sensor/
Actuator Components</td>
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Basic Marking System	Customized Marking System
Ready made to deliver for each environment	**Ready made for your individual requirements**

Cable marking MINI & MAXI Holders PTE	Stainless steel character strips Character holders NM	Stainless steel marking system FCC	Cable marking MINI & MAXI FCC
Collars TS & HF Marking tags TMB	Shrink tubes	Collars Tie Ident TM Collars TMB	Collars Tie Ident TM Collars TMB
			Text collars PTET

Label Cards and Blocks	DYMO® printer	Shrink tubing FCC-FK Shrink mark	Cable tie marking FKBB
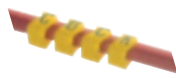
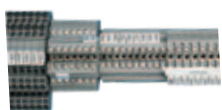|				
Flexipart blanko	PA marking rings	Shrink tubing FCC-FK Shrink mark	Flexipart FCC	Flexi-Sleeve FS
Collars TS & HF Marking tags TMB	PC marking rings		Collars TS & HF Marking tags TMB-FCC	

Mounting profiles MLM	Character holders PGS Cable marking MINI & MAXI	Engraved marking

Terminal block	DYMO® printer	Terminal block FCC
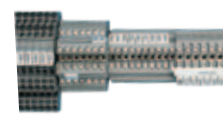
Manual embossing machines	Passive Sensor/Actuator-Boxes	Sensor/Actuator cordsets	Active Sensor/ Actuator Components

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www.lappgroup.com

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please visit **www.lappgroup.com/worldwide**