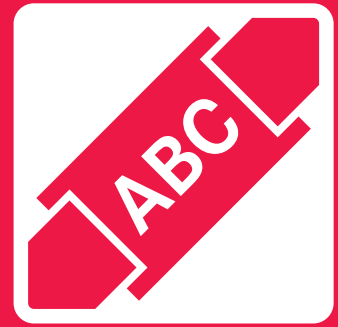


FLEXIMARK®

Cable Marking Systems



Custom Plastic Marking Systems 598

MINI/MAXI Plastic Marking Systems 599

Print-Your-Own Plastic Marking Systems 607

Custom Stainless Steel Marking Systems 610

Stainless Steel Marking Systems 611

FLEXIMARK® Cable Marking Systems

CABLE MARKING SYSTEMS

Quick Select Chart 596

Custom Plastic Marking System

FLEXIMARK® FCC Custom Cable Marking 598
Made-to-Order Plastic Marking System

MINI/MAXI Plastic Marking System

FLEXIMARK® MINI/MAXI Type PTE/PTES Holders 599
Halogen-free Character Holders

FLEXIMARK® MINI/MAXI Type PTEF/CAB Holders 600
Halogen-free Pre-cut Character Holders

FLEXIMARK® MINI/MAXI Type PGS Holders 601
Pre-cut Self-Adhesive Character Holders & Label Protector

FLEXIMARK® MINI/MAXI Character Strips/Sets 602
Individual Character Strips & Sets; Blanks, Symbols, Numbers & Letters

TY-RAP® Detectable Cable Ties 604
Easy-to-Use Cable Ties with X-Ray & Metal Detectable Compound

FLKA Lock Button 605

FLG End Cap 605

FL52-ERA & FL52A Pliers 605

FLEXIMARK® MINI/MAXI Starter Sets 606

Print-Your-Own Plastic Marking System

FLEXIMARK® Software 10.0 607
Software for Printing Labels

FLEXIMARK® FLEXILABEL LFL Labels 607
Printer Labels for the FLEXIMARK® MINI System

FLEXIMARK® LCK Labels 608
Wrapping Labels for Laser Printers

MS Marker Pens 608

FLEXIMARK® LFL Labels 609
Cable Labels for Laser Printers

FLEXIMARK® LB Labels 609
Self-Adhesive Labels for Laser Printers

Custom Stainless Steel Marking System

FLEXIMARK® FCC Custom Cable Marking 610
Made-to-Order Stainless Steel Marking System



Stainless Steel Marking System

FLEXIMARK® M Holders

Stainless Steel Character Holders

611

FLEXIMARK®

**Cable Marking
Systems**

FLEXIMARK® NM Holders

Pre-cut Stainless Steel Character Holders

611

FLEXIMARK® MR Character Strips/Sets

Individual Character Strips & Sets; Blanks, Symbols, Numbers & Letters

612

FLEXIMARK® LD Cable Ties

Stainless Steel Cable Ties for FLEXIMARK® NM Holders

613

FLEXIMARK® LS Cable Ties

Self-Locking Stainless Steel Cable Ties for FLEXIMARK® NM Holders

613

FLEXIMARK® FR 286 Fastening Strips

Stainless Steel Fastening Strips for FLEXIMARK® M Holders

614

FLEXIMARK® Stainless Steel Starter Set

614



FLEXIMARK®

Cable Marking Systems

Quick Select Chart

Plastic Marking Systems

■ Customized, Made-to-Order

page 598

Step 1:




Discuss your requirements with your sales representative or send us an Excel file and we will create customized solutions for your specific needs.



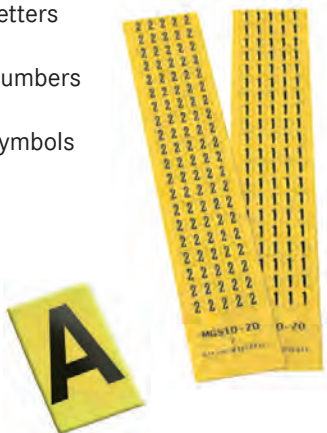
■ Assemble Your Own

page 599





Step 1: Choose Character Holders

- Type PTE/PTES cut-to-size holders

- Type PTEF/CAB pre-cut holders

- Type PGS self-adhesive holders


→ Step 2: Choose Character Markers

- Character sets
 - Letters
 - Numbers
 - Symbols
- 

→ Step 3: Complete with Accessories

- TY-RAP® detectable cable ties

- Lock buttons

- End caps

- Pliers


■ Print Your Own


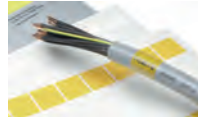

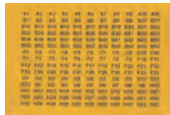
page 607

Step 1: Download Software

- FLEXIMARK® Software 10.0 label printing software



→ Step 2: Choose Labels

- LFL labels for MINI holders

- LCK labels self-adhesive wrapping labels

- LFL labels direct-mount labels

- LB labels self-adhesive labels


Photographs are not to scale and are not true representations of the products in question.
 For current information go to our website. If not otherwise specified, all values relating to the product are nominal values.

Quick Select Chart
Stainless Steel Marking Systems

■ **Customized, Made-to-Order**

page 610

Step 1:

Discuss your requirements with your sales representative or send us an Excel file and we will create customized solutions for your specific needs.



■ **Assemble Your Own**

page 611

Step 1:

Choose Character Holders

- Type M cut-to-size holders



- Type NM pre-cut holders



→ **Step 2:**

Choose Character Markers

- Character sets

- Letters

- Numbers

- Symbols



→ **Step 3:**

Complete with Accessories

- LD cable ties



- LS self-locking cable ties



- FR 286 fastening strips



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FLEXIMARK® FCC Custom Cable Marking

Made-to-Order Plastic Marking System

This customizable labeling system can be tailored to your specific requirements and application conditions. The ready-made markers offer an effective and inexpensive marking option. Avoid time-consuming preparation and installation. One- or two-line printing is available. Cable ties are included.

Customizable markers with up to 46 characters. Printing service with ink jet or print technology of your choice.







■ Ordering Instructions

To order customized FLEXIMARK® FCC marking, send a Microsoft™ Excel file to your Lapp representative. For a quick delivery, the Excel file should be set up as follows:

- Column A: text for first row
- Column B: text for second row, if desired
- Column B/C: amount for each marker
 (If only one row is ordered, use column B, if two rows are ordered, use column C)

■ Technical Data

 Dimensions:		 Temperature Range:	-25°C to +70°C
- Cable ties:	142 x 4.2 mm	 Color:	
 Material:		- Character holders:	Black letters on yellow background
- Character holders:	Halogen-free polyethylene	- Cable ties:	Natural (black available upon request)

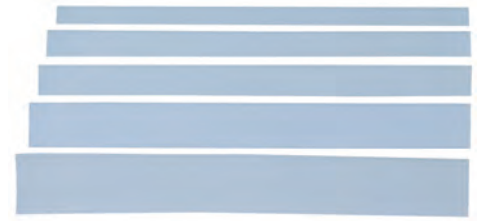
Part Number	Text Length		Character Holder Length		Height		Standard Pack Size
	(inches)	(mm)	(inches)	(mm)	(inches)	(mm)	
83251300	1.379	35	1.970	50	0.264	6.7	1
83251320	1.379	35	1.970	50	0.374	9.5	1
83251350	According to order		According to order		0.780	19.8	1

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FLEXIMARK® MINI/MAXI Type PTE/PTES Holders

Halogen-Free Character Holders

Approvals



Complete the Installation



Character Strips:
page 602



FL52A Pliers:
page 605

FLEXIMARK® PTE/PTES character holders are suitable for MINI and MAXI characters. Each character holder can be cut into customized lengths. FLEXIMARK® PTES is designed with a self-adhesive backing to help when fastening to smooth surfaces.

Technical Data

Material:	Halogen-free polyethylene	Color:	Transparent
Temperature Range:	-75°C to +80°C	UV Resistance:	UV filter protects the marking and guarantees long durability

Part Number	Character Holder Height (inches)	Character Holder Height (mm)	Character Holder Length (inches)	Character Holder Length (mm)	Suitable Tools	Standard Pack Size
MINI PTE Character Holder						
83253014	0.236	6.0	11.22	285	FL52-ERA, FL52A	10
83253012	0.236	6.0	39.37	1000	FL52-ERA, FL52A	10
83259950	0.236	6.0	393.70	10,000	FL52-ERA, FL52A	1
83252081	0.374	9.5	11.22	285	FL52-ERA, FL52A	10
83252084	0.374	9.5	39.37	1000	FL52-ERA, FL52A	10
83259951	0.374	9.5	393.70	10,000	FL52-ERA, FL52A	1
MAXI PTE Character Holder						
83252028	0.472	12.0	11.22	285	FL52-ERA, FL52A	10
83252027	0.472	12.0	39.37	1000	FL52-ERA, FL52A	10
83259952	0.472	12.0	393.70	10,000	FL52-ERA, FL52A	1
83251060	0.748	19.0	11.22	285	FL52A	10
83251061	0.748	19.0	39.37	1000	FL52A	10
83259953	0.748	19.0	196.85	5000	FL52A	1
83259954	0.984	25.0	196.85	5000	FL52A	1
MINI PTES Self-Adhesive Character Holder						
83252086	0.374	9.5	11.22	285	FL52A	10
83252089	0.374	9.5	39.37	1000	FL52A	10
MAXI PTES Self-Adhesive Character Holder						
83251063	0.748	19.0	11.22	285	FL52A	10

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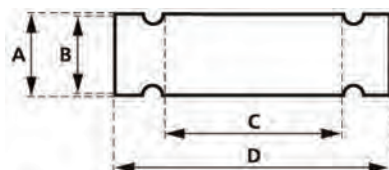
FLEXIMARK®

Cable Marking Systems

MINI/MAXI Plastic

FLEXIMARK® MINI/MAXI Type PTEF/CAB Holders

Halogen-Free Pre-cut Character Holders



Approvals



FLEXIMARK® PTEF/CAB are pre-cut character holders, available in various lengths and widths. The holders are pre-cut and hole-punched to provide time savings to the user. FLEXIMARK® CAB includes 100 cable ties for mounting. LFL laser printing labels can also be used with PTEF and CAB character holders.

Complete the Installation



Character Strips: page 602



FLEXILABEL LFL Labels: page 607

Technical Data

Material:	Halogen-free polyethylene	UV Resistance:	UV filters protects the marking and guarantees long durability
Temperature Range:	-75°C to +80°C	* UV-resistant cable ties should be used for outdoor applications	
Color:	Transparent		

Part Number	Measurements								Standard Pack Size
	A		B		C		D		
	(inches)	(mm)	(inches)	(mm)	(inches)	(mm)	(inches)	(mm)	
MINI PTEF Character Holder									
83254960	0.480	12.2	0.37	9.5	0.71	18.0	1.18	30.0	50
83254961	0.480	12.2	0.37	9.5	1.10	28.0	1.58	40.0	50
83254963	0.480	12.2	0.37	9.5	1.38	35.0	1.85	47.0	50
83254962	0.480	12.2	0.37	9.5	1.50	38.0	1.97	50.0	50
83254964	0.480	12.2	0.37	9.5	2.28	58.0	2.76	70.0	50
83254965	0.480	12.2	0.37	9.5	2.76	70.0	3.23	82.0	50
83280006	0.583	14.8	0.51	13.0	0.71	18.0	1.18	30.0	50
83254976	0.583	14.8	0.51	13.0	1.10	28.0	1.58	40.0	50
83254977	0.583	14.8	0.51	13.0	1.50	38.0	1.97	50.0	50
83254978	0.583	14.8	0.51	13.0	2.28	58.0	2.76	70.0	50
MINI CAB Character Holder with Cable Ties									
83259087	0.480	12.2	0.37	9.5	0.71	18.0	1.18	30.0	50
83259084	0.480	12.2	0.37	9.5	1.10	28.0	1.58	40.0	50
83259085	0.480	12.2	0.37	9.5	1.50	38.0	1.97	50.0	50
83259086	0.480	12.2	0.37	9.5	2.28	58.0	2.76	70.0	50
83259078	0.583	14.8	0.51	13.0	0.71	18.0	1.18	30.0	50
83259079	0.583	14.8	0.51	13.0	1.10	28.0	1.58	40.0	50
83259080	0.583	14.8	0.51	13.0	1.50	38.0	1.97	50.0	50
83259081	0.583	14.8	0.51	13.0	2.28	58.0	2.76	70.0	50

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FLEXIMARK® MINI/MAXI Type PGS Holders

Pre-cut Self-Adhesive Character Holders & Label Protector

Approvals



Complete the Installation



Character Strips:
page 602

FLEXIMARK® PGS character holders are self-adhesive and provide a snap-in function for MINI characters. MAXI (19 mm) holders are available upon request.

Technical Data

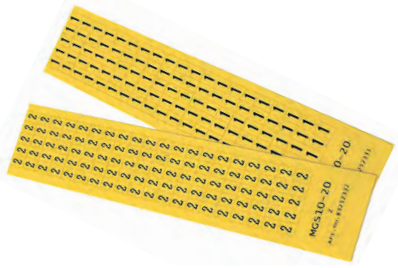
Material:	ABS plastic	Color:	Black, white, or transparent
Temperature Range:	-20°C to +65°C		

Part Number	Color	Character Holder Height (inches) (mm)	Character Holder Length (inches) (mm)	Standard Pack Size
MINI PGS Self-Adhesive Character Holder				
83252010	White	0.394 10	11.22 285	10
83250002	Black	0.394 10	11.22 285	10
83252011	White	0.394 10	39.37 1000	10
83250003	Black	0.394 10	39.37 1000	10
Self-Adhesive Character Protector				
83250041	Transparent	0.394 10	39.37 1000	10

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FLEXIMARK® MINI/MAXI Character Strips/Sets



Individual Character Strips & Sets, Blanks, Numbers, Letters & Symbols





Approvals



Individual character strips are available in letters, numbers, blanks, and various symbols. The blank character strips are available in four different colors: yellow, blue, red, and white. Complete sets of MINI/MAXI characters are available for letters or numbers.

Complete the Installation			
	PTE/PTES Holders: page 599		PTFE/CAB Holders: page 600

Technical Data

 Dimensions:	0.75 mm thickness	 Temperature Range:	-20°C to +65°C
- MINI:	9.5 mm x 6.4 mm (H x L)	 Color:	
- MAXI:	19 mm x 11.8 mm (H x L)	- Characters:	Yellow with black writing
 Material:	Hard PVC	- Blanks:	Blue, yellow, red, or white

Character Sets

Part Number	Characters	Markers per Strip	Strips per Character	Standard Pack Size	Part Number	Characters	Markers per Strip	Strips per Character	Standard Pack Size
MINI Character Sets					MAXI Character Sets				
83250039	0 - 9	20	10	1	83250081	0 - 9	10	10	1
83259021	A - Z	20	10	1	83250079	A - Z	10	10	1

Character Strips

Part Number	Characters	Markers per Strip	Standard Pack Size	Part Number	Characters	Markers per Strip	Standard Pack Size
MINI Blanks				MAXI Blanks			
83252101	Yellow	20	10	83252398	Yellow	10	10
83252102	Blue	20	10	83254006	Blue	10	10
83252104	Red	20	10	83254008	Red	10	10
83254350	White	20	10	83254061	White	10	10
MINI Symbols				MAXI Symbols			
83252058	+	20	10	83252390	+	10	10
83252059	-	20	10	83252389	-	10	10
83252055	±	20	10	83252393	=	10	10
83252057	~	20	10	83252397	.	10	10
83252056	=	20	10	83252395	/	10	10
83252061	.	20	10	83252396	:	10	10
83252062	/	20	10				
83252060	:	20	10				
83252076	x	20	10				

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FLEXIMARK® MINI/MAXI Character Strips/Sets
Individual Character Strips & Sets; Blanks, Numbers, Letters & Symbols

Character Strips

Part Number	Character	Markers per Strip	Standard Pack Size	Part Number	Character	Markers per Strip	Standard Pack Size
MINI Numbers				MAXI Numbers			
83252330	0	20	10	83252364	0	10	10
83252331	1	20	10	83252380	1	10	10
83252332	2	20	10	83252381	2	10	10
83252333	3	20	10	83252382	3	10	10
83252334	4	20	10	83252383	4	10	10
83252335	5	20	10	83252384	5	10	10
83252336	6/9	20	10	83252385	6/9	10	10
83252337	7	20	10	83252386	7	10	10
83252338	8	20	10	83252387	8	10	10
MINI Letters				MAXI Letters			
83252300	A	20	10	83252350	A	10	10
83252301	B	20	10	83252351	B	10	10
83252302	C	20	10	83252352	C	10	10
83252303	D	20	10	83252353	D	10	10
83252304	E	20	10	83252354	E	10	10
83252305	F	20	10	83252355	F	10	10
83252306	G	20	10	83252356	G	10	10
83252307	H	20	10	83252357	H	10	10
83252308	I	20	10	83252358	I	10	10
83252309	J	20	10	83252359	J	10	10
83252310	K	20	10	83252360	K	10	10
83252311	L	20	10	83252361	L	10	10
83252312	M	20	10	83252362	M	10	10
83252313	N	20	10	83252363	N	10	10
83252314	O	20	10	83252364	O	10	10
83252315	P	20	10	83252365	P	10	10
83252316	Q	20	10	83252366	Q	10	10
83252317	R	20	10	83252367	R	10	10
83252318	S	20	10	83252368	S	10	10
83252319	T	20	10	83252369	T	10	10
83252320	U	20	10	83252370	U	10	10
83252321	V	20	10	83252371	V	10	10
83252322	W	20	10	83252372	W	10	10
83252323	X	20	10	83252373	X	10	10
83252324	Y	20	10	83252374	Y	10	10
83252325	Z	20	10	83252375	Z	10	10

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TY-RAP® Detectable Cable Ties

Easy-to-Use Cable Ties with X-Ray & Metal Detectable Compound



TY-RAP® detectable cable ties incorporate a unique compound that can be detected by X-ray equipment, metal detectors, and visual inspection equipment. TY-RAP® cable ties have round, flat, edge-free heads which allow for assembly without getting caught, protect against injury, and avoid damaging adjacent cables and components. The cable tie can be gripped securely for easy tightening. In addition, the safety grip tab prevents the tie from slipping out during assembly and secures it before tightening by hand or with a tool.

■ Usage Notes

Nylon (polyamide) is by its nature susceptible to external influences. Cable ties are mechanically moistened in order to ensure optimal use. They must be stored in a cool, dry place and must not be exposed to direct sunlight. Cable ties are packed in plastic bags to retain moisture; these should remain closed until the ties are used.





■ Recommended Applications

Food & beverage, especially in production or processing of dairy or meat products; applications with strong chemical influences; pharmaceutical equipment

■ Approvals



■ Technical Data

 Material:	Halogen- and silicone-free polyamide 66 or polypropylene	 Approvals:	UL: Flammability HB per UL 94 (polypropylene) Flammability V-2 per UL 94 (polyamide 66)
 Temperature Range:	-40°C to +85°C		
 Color:	Blue		

Part Number	Length x Width		Bundling Diameter		Tensile Strength (N)	Standard Pack Size
	(inches)	(mm)	(inches)	(mm)		
Polyamide Cable Ties						
61723351	3.62 x 0.95	92 x 2.4	0.08 - 0.63	2.0 - 16	80	100
61723352	7.32 x 0.19	186 x 4.8	0.14 - 1.77	3.5 - 45	220	100
61723353	14.17 x 0.19	360 x 4.8	0.14 - 4.02	3.5 - 102	220	100
61723354	13.39 x 0.28	340 x 7.0	0.24 - 3.54	6.0 - 90	540	50
Polypropylene Cable Ties						
61723355	3.62 x 0.95	92 x 2.4	0.08 - 0.63	2.0 - 16	50	100
61723356	7.32 x 0.19	186 x 4.8	0.14 - 1.77	3.5 - 45	130	100
61753357	14.17 x 0.19	360 x 4.8	0.14 - 4.02	3.5 - 102	130	100
61753358	13.39 x 0.28	340 x 7.0	0.24 - 3.54	6.0 - 90	270	50

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FLKA Lock Button

MINI/MAXI Plastic

FLKA lock buttons are for use with FLEXIMARK® PTE/PTES MINI/MAXI character holders when only one side of the holder is being attached to the cable.



Approvals



Part Number	Color	Standard Pack Size
83252005	Natural	500

FLG End Cap

FLG end caps are for use with FLEXIMARK® MINI PTE/PTES 9.5 mm character holders. The FLG is used to seal and mount the character holders with either screws or cable ties. The end caps also protect against water and dust. Not for use with MAXI character holders.



Approvals



Part Number	Color	Standard Pack Size
83252020	Yellow	100

FL52-ERA Pliers

FL52-ERA pliers are for use with 6, 9.5, and 12 mm character holders. This tool is able to cut as well as punch accurate holes for mounting. Both the cutting blade and hole puncher can be replaced.



Part Number	Suitable for Character Holders	Standard Pack Size
83252047	MINI/MAXI 6 mm, 9.5 mm, 12 mm	1

FL52A Pliers

FL52A pliers are for use with FLEXIMARK® MINI PTE 6 - 25 mm character holders. This tool is able to cut as well as punch accurate holes for mounting. It is made of cast iron with rubber handles.



Part Number	Suitable for Character Holders	Standard Pack Size
83252024	MINI 6 - 25 mm	1

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FLEXIMARK®

Cable Marking Systems

MINI/MAXI Plastic

FLEXIMARK® MINI Starter Set



The FLEXIMARK® MINI starter set box contains all the necessary equipment for manufacturing customized labels, all in a handy plastic toolbox.

Part Number	Description	Standard Pack Size
83252001	MINI set with FL52-ERA pliers	1
83251996	MINI set with FL52A pliers	1
83252002	Empty MINI toolbox	1

■ Product Specifications

FLEXIMARK® MINI starter set contains:

- 8 pcs PTE holder: 9.5 x 285 mm (PE)
- 2 pcs PT holder: 9.5 x 285 mm (PVC)
- 2 pcs PTES holder: 9.5 x 285 mm (self-adhesive)
- 2 pcs PGS holder: 10 x 285 mm (white)
- 2 pcs PGS holder: 10 x 285 mm (black)
- 40 ea. Full alphabet A-Z (plus Å, Ä, Ö, Ü)
- 40 ea. Numbers 0-9
- 40 ea. Symbols + - ± ~ = , / : x ü
- 1 pc Cutting & punching tool (FL52-ERA or FL52A)
- 40 pcs Lock buttons
- 20 pcs End caps
- 100 pcs Cable ties (plastic)

■ Approvals



FLEXIMARK® MAXI Starter Set



The FLEXIMARK® MAXI starter set box contains all the necessary equipment for manufacturing customized labels, all in a handy plastic toolbox.

Part Number	Description	Standard Pack Size
83252000	MAXI starter set	1
83250012	Empty MAXI toolbox	1

■ Product Specifications

FLEXIMARK® MAXI starter set contains:

- 5 pcs PTE holder: 19 x 285 mm (PE)
- 5 pcs PT holder: 19 x 285 mm (PVC)
- 5 pcs PTES holder: 19 x 285 mm (self-adhesive)
- 5 pcs PGS holder: 19 x 285 mm (white)
- 5 pcs PGS holder: 19 x 285 mm (black)
- 20 ea. Full alphabet A-Z (plus Å, Ä, Ö, Ü)
- 20 ea. Numbers 0-9
- 20 ea. Symbols + - = . / : & ~
- 1 pc Cutting & punching tool (FL52A)
- 50 pcs Lock buttons
- 20 pcs End caps
- 1 pc Marking pen (black)
- 100 pcs Cable ties (plastic)

■ Approvals



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FLEXIMARK® Software 10.0

Software for Printing Labels

FLEXIMARK® Software 10.0 is a label-printing program. Thanks to ready-made templates for our labeling system, it is easy to create and print labels. Text generation, serial numbering, electrical symbols, graphics, cut-and-paste, font choice, font size, printing, and file management are all supported and easier than ever. With integrated text management, you can enter label text quickly and easily.

A free basic version of the software is available for download at www.lappusa.com

Product Specifications

- E-plan interface
- Filter function for rearranging imported data
- Handy quick guide
- Serial number generation
- Text copying
- Drag-and-drop function for printing symbols
- Import of external files



Part Number	Language	Standard Pack Size
83251080	English	1

FLEXIMARK® FLEXILABEL LFL Labels

Printer Labels for the FLEXIMARK® MINI System

FLEXIMARK® FLEXILABEL LFL is for use with the FLEXIMARK® Software 10.0 to customize your own labels using a standard laser printer. The finalized label will fit in any of the FLEXIMARK® MINI character holders. The labels can also be customized with the special MS marker pen.

Approvals



Complete the Installation

MINI Holders: page 600

MS Marker Pens: page 608



Technical Data

Dimensions:	0.175 mm thickness	Color:	Yellow or white (reversible sides)
Material:	Halogen-free polyester foil	Resistance:	Resistant to chemicals, UV light, moisture, and some oils
Temperature Range:	-40°C to +125°C		

Part Number	Label Size Height x Length (inches) (mm)	Number of Sheets	Labels per Sheet	Labels per Pack	Standard Pack Size
83254650	0.374 x 0.689 9.5 x 17.5	10	352	3520	1
83254660	0.374 x 1.102 9.5 x 28.0	10	224	2240	1
83254670	0.374 x 1.378 9.5 x 35.0	10	150	1500	1
83254701	0.390 x 2.756 9.9 x 70.0	10	84	840	1

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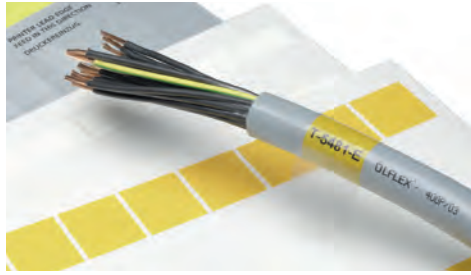
FLEXIMARK®

Cable Marking Systems

Print-Your-Own

FLEXIMARK® LCK Labels

Wrapping Labels for Laser Printers



Approvals



FLEXIMARK® LCK wrapping labels are for use with FLEXIMARK® Software 10.0 to customize your own labels using a standard laser printer. The label consists of a transparent foil that wraps around the cable and passes over the printed field to protect against abrasion, moisture, oils, and solvents. These labels can also be customized with the special MS marker pen.

Complete the Installation



FLEXIMARK®
Software 10.0:
page 607



MS
Marker Pens:
page 608

Technical Data

Material:	Polyester foil	Color:	Yellow or white
Temperature Range:	-40°C to +125°C		
	- Minimum temperature for label application:		+10°C

Part Number	Color	Label Size Length x Height		Maximum Cable Diameter (inches)	Printable Area Length x Height		Labels per Sheet	Labels per Pack	Standard Pack Size
		(inches)	(mm)		(inches)	(mm)			
83256143	White	0.984 x 1.398	25 x 35.5	0.275	0.984 x 0.500	25 x 13	64	640	1
83256142	Yellow	0.984 x 1.398	25 x 35.5	0.275	0.984 x 0.500	25 x 13	64	640	1
83256145	White	0.984 x 2.244	25 x 57.0	0.472	0.984 x 0.748	25 x 19	40	400	1
83256144	Yellow	0.984 x 2.244	25 x 57.0	0.472	0.984 x 0.748	25 x 19	40	400	1
83256147	White	0.984 x 3.740	25 x 95.0	0.827	0.984 x 1.000	25 x 25	24	240	1
83256146	Yellow	0.984 x 3.740	25 x 95.0	0.827	0.984 x 1.000	25 x 25	24	240	1
83256149	White	0.984 x 5.591	25 x 142.0	1.420	0.984 x 1.000	25 x 25	16	160	1
83256148	Yellow	0.984 x 5.591	25 x 142.0	1.420	0.984 x 1.000	25 x 25	16	160	1
83256160	White	1.339 x 3.740	34 x 95	0.827	1.339 x 1.000	34 x 25	18	180	1
83256161	Yellow	1.339 x 3.740	34 x 95	0.827	1.339 x 1.000	34 x 25	18	180	1
83256151	White	1.969 x 2.244	50 x 57	0.472	1.969 x 0.748	50 x 19	20	200	1
83256150	Yellow	1.969 x 2.244	50 x 57	0.472	1.969 x 0.748	50 x 19	20	200	1
83256153	White	1.969 x 3.740	50 x 95	0.827	1.969 x 1.000	50 x 25	12	120	1
83256152	Yellow	1.969 x 3.740	50 x 95	0.827	1.969 x 1.000	50 x 25	12	120	1
83256155	White	1.969 x 5.591	50 x 142	1.420	1.969 x 1.000	50 x 25	8	80	1
83256154	Yellow	1.969 x 5.591	50 x 142	1.420	1.969 x 1.000	50 x 25	8	80	1

MS Marking Pens



Use MS marker pens for permanent labeling on the FLEXIMARK® MINI/MAXI blank labels. The MS marker is resistant to water and smudging once dry, and comes in packs of ten.

Part Number	Description	Standard Pack Size
61784650	Black	10
61784660	Red	10
61784670	Blue	10

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FLEXIMARK® LFL Labels

Cable Labels for Laser Printers

FLEXIMARK® LFL cable labels are for use with FLEXIMARK® Software 10.0 to customize your own labels. The LFL is a label designed for use directly on the cable to eliminate the need for a character or label holder. The label is secured to the cable with cable ties, either on both sides (LFL2H) or just one (LFL1H). Cable ties up to 0.18" (4.5 mm) can be used. These labels can also be customized with the special MS marker pen.



Complete the Installation

FLEXIMARK® Software 10.0: page 607

MS Marker Pens: page 608

Approvals



Technical Data

Dimensions:	0.175 mm thickness	Temperature Range:	-40°C to +125°C
Material:	Halogen-free polyester foil	Color:	Yellow and white (reversible)

Part Number	Cable Ties	Label Size Height x Length		Printable Area Height x Length		Mounting Holes	Labels per Sheet	Labels per Pack	Standard Pack Size
		(inches)	(mm)	(inches)	(mm)				
83254760	One Side	0.390 x 1.90	9.9 x 48	0.390 x 1.378	9.9 x 35	1	40	400	1
83254750	Two Sides	0.390 x 1.90	9.9 x 48	0.390 x 1.102	9.9 x 28	2	40	400	1

FLEXIMARK® LB Labels

Self-Adhesive Labels for Laser Printers

FLEXIMARK® LB self-adhesive labels are for use with FLEXIMARK® Software 10.0 to customize your own labels. The LB labels are for use with laser printers and are made of polyester foil. These labels can also be customized with the special MS marker pen.



Complete the Installation

FLEXIMARK® Software 10.0: page 607

MS Marker Pens: page 608

Approvals



Technical Data

Material:	Halogen-free polyester foil	Color:	Yellow or white
Temperature Range:	-40°C to +125°C		
- Minimum temperature for label application:	10°C		

Part Number	Color	Label Size Height x Length		Labels per Sheet	Labels per Pack	Standard Pack Size
		(inches)	(mm)			
83256091	Yellow	0.276 x 0.315	7 x 8	780	7800	1
83256156	White	0.276 x 0.315	7 x 8	780	7800	1
83256092	Yellow	0.433 x 0.315	11 x 8	480	4800	1
83256157	White	0.433 x 0.315	11 x 8	480	4800	1
83256090	Yellow	0.472 x 0.236	12 x 6	600	6000	1
83256158	White	0.472 x 0.236	12 x 6	600	6000	1
83256093	Yellow	0.630 x 0.315	16 x 8	330	3300	1
83256159	White	0.630 x 0.315	16 x 8	330	3300	1

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FLEXIMARK®

Cable Marking Systems

Custom Stainless Steel

FLEXIMARK® FCC Custom Cable Marking

Made-to-Order Stainless Steel Marking System



FLEXIMARK® FCC stainless steel is an industrial system for marking cables used in demanding and aggressive environments. Customized stainless steel marking is delivered as ready-made signs with or without cable ties. This marking can be delivered with one or two rows.

Customizable with up to 25 characters per marker.

Ordering Instructions

To order customized stainless steel FLEXIMARK® FCC marking, send a Microsoft™ Excel file to your Lapp representative.

For a quick delivery, the Excel file should be set up as follows:

- Column A: text for first row
- Column B: text for second row, if desired
- Column B/C: amount for each marker
 If only one row is ordered, use column B.
 If two rows are ordered, use column C.



Technical Data

Dimensions:

- Marker height:
 - One row: 10 mm
 - Two rows: 14 mm
- Cable ties: 200 x 4.6 mm

Material:

- Character holders: Acid-resistant stainless steel (AISI-316)

Temperature Range:

- 500 °C

Part Number	Cable Ties Included	Height (inches)	Height (mm)	Number of Characters	Standard Pack Size	Part Number	Cable Ties Included	Height (inches)	Height (mm)	Number of Characters	Standard Pack Size
One Row with Cable Tie Brackets						Two Rows with Tie Brackets					
83251406	Yes	0.394	10.0	0 - 15	1	83251426	Yes	0.552	14.0	0 - 15	1
83251456	Yes	0.394	10.0	16 - 25	1	83251468	Yes	0.552	14.0	16 - 25	1
83251402	No	0.394	10.0	0 - 15	1	83251422	No	0.552	14.0	0 - 15	1
83251454	No	0.394	10.0	16 - 25	1	83251466	No	0.552	14.0	16 - 25	1
One Row with Screw Holes						Two Rows with Screw Holes					
83251450	No	0.394	10.0	0 - 15	1	83251451	No	0.552	14.0	0 - 15	1
83251478	No	0.394	10.0	16 - 25	1	83251479	No	0.552	14.0	16 - 25	1

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FLEXIMARK® M Holders

Stainless Steel Character Holders

FLEXIMARK® M character holders are designed for customized lengths. Each holder is 11.3 inches (286 mm) long and can be cut into the desired length using cutters.



Complete the Installation



MR Character Strips:
page 611



FR Fastening Strips:
page 614

Approvals



Technical Data

Dimensions:

- Height: 0.433 in (11 mm)
- Screw hole diameter: 0.118 in (3 mm)



Material: Stainless steel (AISI-316)



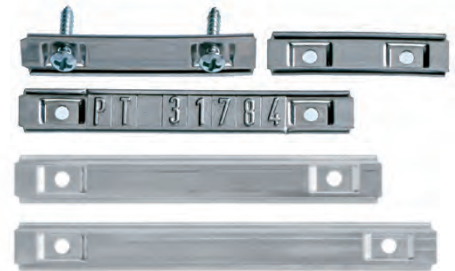
Maximum Temperature: 500°C

Part Number	Length (inches)	Length (mm)	Number of Characters	Standard Pack Size	Part Number	Length (inches)	Length (mm)	Number of Characters	Standard Pack Size
83254105	1.812	46.0	5	50	83254102	4.176	106.0	15	50
83254104	2.285	58.0	7	50	83254101	11.268	286.0	42	50
83254103	3.231	82.0	11	50					

FLEXIMARK® NM Holders

Pre-cut Stainless Steel Character Holders

FLEXIMARK® NM stainless steel character holders are pre-cut with mounting holes. They are available in 6 sizes, which are able to hold up to 46 characters. Fastening options include LS steel cable ties, LD steel cable ties, or screws and rivets.



Complete the Installation



MR Character Strips:
page 611



LD Steel Cable Ties:
page 613

Approvals



Technical Data

Dimensions:

- Height: 0.43 in (11 mm)
- Screw hole diameter: 0.12 in (3 mm)



Material: Stainless steel (AISI-316)



Maximum Temperature: 500°C

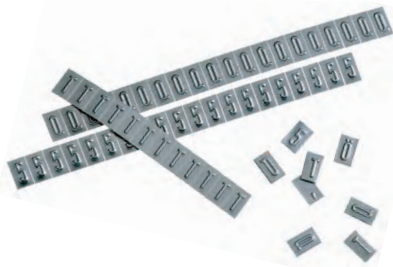
Part Number	Length (inches)	Length (mm)	Max. Number of Characters Cable Mounting	Screw Mounting	Standard Pack Size	Part Number	Length (inches)	Length (mm)	Max. Number of Characters Cable Mounting	Screw Mounting	Standard Pack Size
83254214	1.811	46.0	6	2	50	83254211	4.173	106.0	16	12	50
83254213	2.283	58.0	8	4	50	83254215	6.934	176.0	26	22	50
83254212	3.228	82.0	12	8	50	83254210	11.260	286.0	46	42	50

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FLEXIMARK® MR Character Strips/Sets

Individual Stainless Steel Character Strips & Sets, Blanks, Numbers, Letters & Symbols



Approvals



Individual character strips are available to help customize your needs. Order only the characters needed. Each character comes with 10 strips consisting of 20 characters for a total of 200 characters. Individual characters are available in letters, numbers, various symbols, and blank characters.

Complete the Installation

	NM Character Holders: page 611		LD Steel Cable Ties: page 613
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Technical Data

Dimensions:		Material:	Stainless steel (AISI-316)
- Height:	0.37 in (9.5 mm)	Maximum Temperature:	500°C
- Length:	0.24 in (6.0 mm)		

Character Sets

Part Number	Characters	Markers per Strip	Strips per Character	Standard Pack Size	Part Number	Characters	Markers per Strip	Strips per Character	Standard Pack Size
MR Character Sets									
83254122	0 - 9	20	10	1	83254120	A - Z	20	10	1

Character Strips

Part Number	Character	Markers per Strip	Standard Pack Size	Part Number	Character	Markers per Strip	Standard Pack Size
MR Blanks				MR Letters			
83254189	Blank	20	10	83254150	A	20	10
MR Symbols				83254151	B	20	10
83254192	+	20	10	83254152	C	20	10
83254191	-	20	10	83254153	D	20	10
83254194	/	20	10	83254154	E	20	10
83254195	.	20	10	83254155	F	20	10
83254199	:	20	10	83254156	G	20	10
83254198	~	20	10	83254157	H	20	10
83254193	=	20	10	83254158	I	20	10
83254200	±	20	10	83254159	J	20	10
83254196	,	20	10	83254160	K	20	10
83254202	(20	10	83254161	L	20	10
MR Numbers				83254162	M	20	10
83254164	0	20	10	83254163	N	20	10
83254179	1	20	10	83254164	O	20	10
83254180	2	20	10	83254165	P	20	10
83254181	3	20	10	83254166	Q	20	10
83254182	4	20	10	83254167	R	20	10
83254183	5	20	10	83254168	S	20	10
83254184	6/9	20	10	83254169	T	20	10
83254185	7	20	10	83254170	U	20	10
83254186	8	20	10	83254171	V	20	10
				83254172	W	20	10
				83254173	X	20	10
				83254174	Y	20	10
				83254175	Z	20	10

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FLEXIMARK® LD Cable Ties

Stainless Steel Cable Ties for FLEXIMARK® NM Holders

FLEXIMARK® LD stainless steel cable ties are for use with FLEXIMARK® NM steel character holders.



Complete the Installation



NM Character Holders: page 611



MR Character Strips: page 612

Approvals



Technical Data

Material: Stainless Steel SS2348 (AISI-316) **Maximum Temperature:** 500°C

Part Number	Length x Width (inches) (mm)	Bundle Diameter (mm)	Min. Tensile Strength (N/mm ²)	Standard Pack Size
83280048	5.988 x 0.276 152 x 7	48	1120	100

FLEXIMARK® LS Cable Ties

Self-Locking Stainless Steel Cable Ties for FLEXIMARK® NM Holders

FLEXIMARK® LS steel cable ties are suitable for use with FLEXIMARK® NM character holders (82 and 106 mm lengths only). These cable ties are self-locking, making it quick and easy to install. Stainless steel construction makes these ties suitable for applications in extreme environmental conditions.



Complete the Installation



NM Character Holders: page 611



MR Character Strips: page 612

Approvals



Technical Data

Dimensions: - Tie head: 10 x 15 x 5 mm (W x L x H) **Material:** Stainless steel (AISI-316) **Maximum Temperature:** -80°C to 539°C

Part Number	Length x Width (inches) (mm)	Bundle Diameter (mm)	Min. Tensile Strength (N/mm ²)	Standard Pack Size	Part Number	Length x Width (inches) (mm)	Bundle Diameter (mm)	Min. Tensile Strength (N/mm ²)	Standard Pack Size
61812950	7.87 x 0.181 200 x 4.6	51	45.3	100	61813010	14.17 x 0.311 360 x 7.9	102	113.3	100
61812960	14.17 x 0.181 360 x 4.6	102	45.3	100	61813020	19.7 x 0.311 500 x 7.9	152	113.3	100
61812970	20.47 x 0.181 520 x 4.6	152	45.3	100	61813030	26.75 x 0.311 679 x 7.9	203	113.3	100
61812980	26.75 x 0.181 679 x 4.6	203	45.3	100	61813040	33.01 x 0.311 838 x 7.9	254	113.3	100
61812990	33.01 x 0.181 838 x 4.6	254	45.3	100	61813050	40.03 x 0.311 1016 x 7.9	305	113.3	100
61813000	7.87 x 0.311 200 x 7.9	51	113.3	100					

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FLEXIMARK®

Cable Marking Systems

Stainless Steel

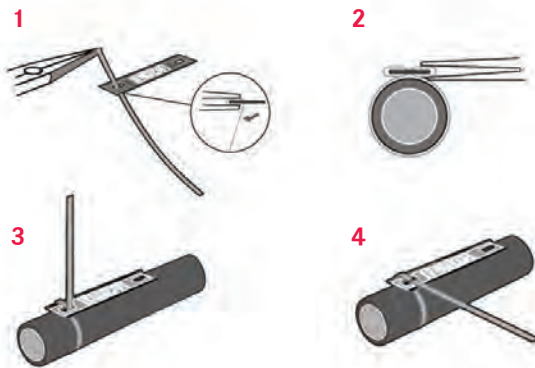
FLEXIMARK® FR 286 Fastening Strips

Stainless Steel Fastening Strips for FLEXIMARK® M Holders

FLEXIMARK® FR 286 stainless steel fastening strips are for use with FLEXIMARK® M character holders.



Installation Instructions



Complete the Installation



Approvals



Part Number	Length x Width		Bundling Diameter		Standard Pack Size
	(inches)	(mm)	(inches)	(mm)	
83254106	11.26 x 16.93	286 x 430	3.150	80.0	100

FLEXIMARK® Stainless Steel Starter Set



The FLEXIMARK® stainless steel marking kit contains all components that are needed to produce marking on-site. Character holders, character strips, and cable ties are all stainless steel SISS2348 (AISI-316).

Product Specifications

FLEXIMARK® stainless steel starter kit contains:

- 5 pcs Holder: 11 x 285 mm
- 5 pcs Holder: 11 x 106 mm
- 5 pcs Holder: 11 x 82 mm
- 5 pcs Holder: 11 x 58 mm
- 5 pcs Holder: 11 x 46 mm
- 40 ea. Full alphabet A-Z (plus Å, Ä, Ö, Ü)
- 40 ea. Numbers 0-9
- 40 ea. Symbols + - ÷ ~ = . / : ü
- 40 ea. Blank characters
- 10 pcs Cable ties (stainless steel)

Approvals



Part Number	Description	Standard Pack Size
83254220	Stainless steel starter kit	1

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