# Welcome,

We are very proud of our company's dynamic development and how we invest in the future, in new technologies and environmentally friendly solutions.

Partex lead the world in industrial marking systems. We manufacture products for the identification of wires, cables, pipes and components. From the individual electrician to the world's largest companies, our unique marking systems contribute towards increased efficiency and higher safety levels.

Partex consists of a parent company and several subsidiaries. However, we want to be known as one organization, rather than as several separate companies. We want the family culture and atmosphere of the parent company Partex Gullspång in Sweden, to permeate the entire group, creating one big family.

On the following pages we invite you to familiarize yourself with our company and our products.
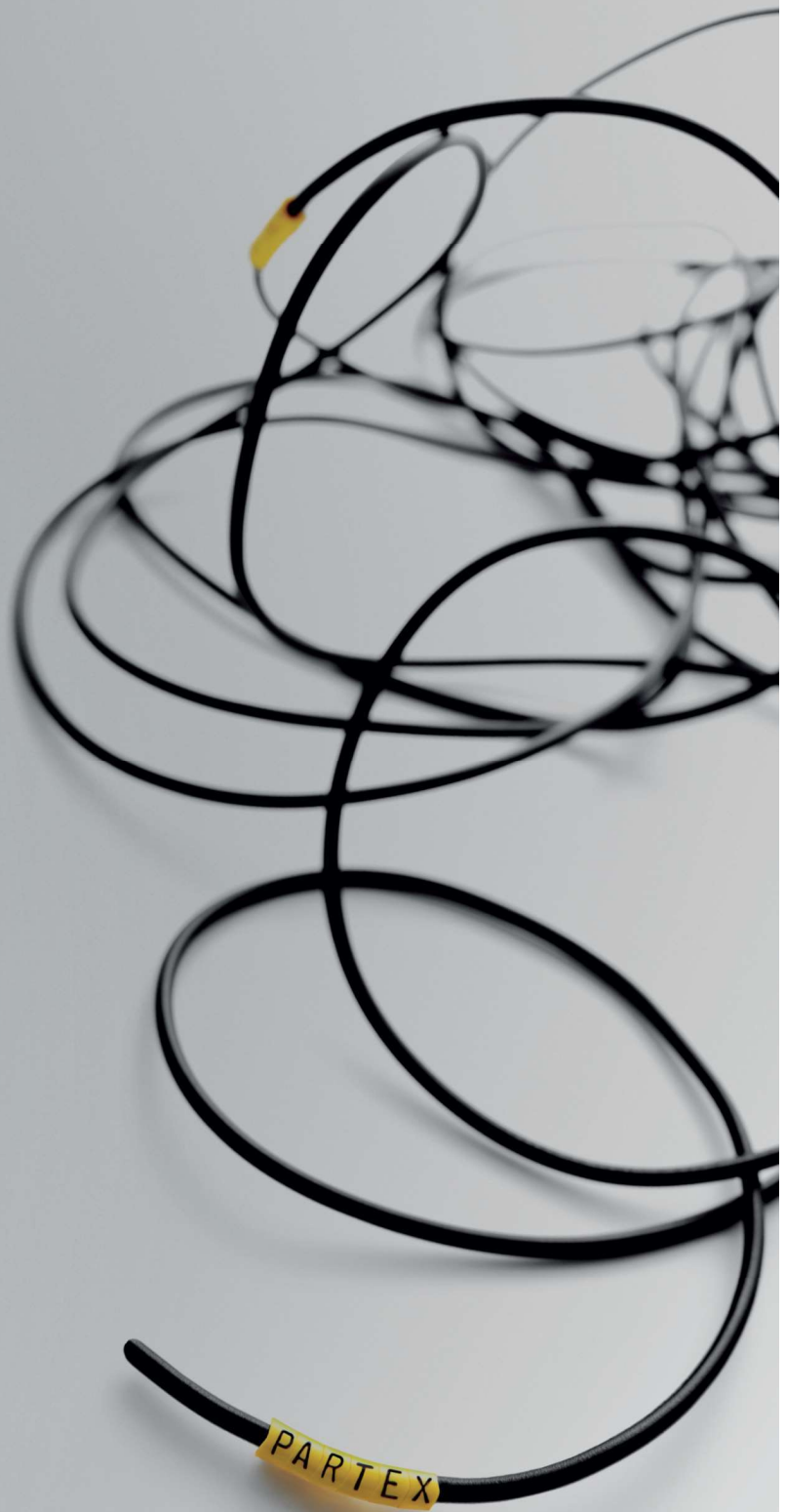
PARTEX MARKING SYSTEMS was founded in 1948 by Tore Lööf in Gullspång, Sweden. Since the beginning we have engaged in the production of complete marking systems and cable accessories.

Many of our clients know that Partex is a Swedish company and that we introduced the most popular one-character marker, the PA-marker. But you should know that our offer is much wider. This catalogue will be a useful guide to the world of marking systems and cable accessories.

It is worth mentioning that many of our products were established in response to specific requests from customers who had problems with identification. If you have a special requirement, do not hesitate to contact us as soon as possible.

WHY MARK?
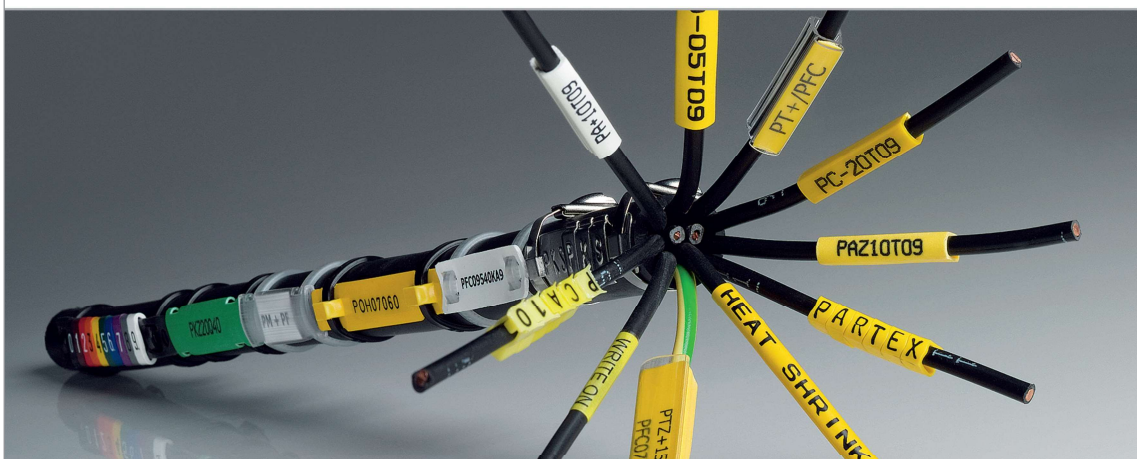
Marking increases safety, reduces wasted time in manufacturing and production stoppages. Furthermore, marking simplifies maintenance and reduces costs for service, production loss, fault identification, repairs and exchange of electrical equipment.

Why Choose Partex? Partex offers a complete range of marking products. We have over 60 years' experience of development and manufacturing that has given us a unique expertise and knowledge in the field.

In order to ensure that our products have a high and consistent quality, they are subjected to numerous tests at the National Institute for Research and Testing in Sweden. Detailed research and stringent tests are carried out, such as the impact of mold, rust, fire, extreme temperatures, UV radiation and various chemicals.

Below is a list of tests.

TEST	METHOD
Flammability	according to UL94
Low temperature	markers are kept at -30° C for 4 hours. Checking cracks, fractures and similar damage. In addition, the ease of assembly is checked.
High temperature	markers kept at a temperature of 70° C for 1 hour. If the material has passed the test, the test is repeated at a higher temperature.
Aging resistance	accelerated thermal aging, corresponding to the use of material through 30 years at 20° C. Checking cracks, fractures and similar damage. (Up to 50% reduction in elongation before fracture). In addition, the possibility of assembly is checked.
UV resistance	accelerated UV-test, corresponding to ISO 4892-2. Exposing the material to sunlight for a period that equals one year in southern Sweden. Checking for fading, changes in color and readability of the print.
Resistance to abrasion (text)	in accordance with Method 2172 Swedish National Testing and Research Institute (machine abrasive). Using a load of 75 g per millimeter.
Chemical resistance	mounted markers are immersed in the chemical agent at a temperature of 23°C - 2 C, left for 2 hours, and then checked for functionality, durability, color and clarity of printing. Chemicals used: synthetic diesel fuel, sulfuric acid (25%), cleaning agent (Berol 226, 10%), distilled water, sea water (5% NaCl), transformer oil (Nytro 10X) and Ethanol (95%).
Dielectric resistance	in accordance with IEC 93
Ozone resistance	the test samples are extended by 33% and exposed to ozone to 100 ± 5 pphm at 65° C to -2°C for 192 hours.

Certified to:
ISO 9001

LLOYD'S REGISTER·LRQA

ISO 9001

UKAS
MANAGEMENT
SYSTEMS

001

WEEE
Waste Electrical and Electronic Equipment

RoHS

+ MARKING METHODS

M1 SINGLE CHARACTER MARKERS

Consists of single character markers that can be combined with each other to give total marking flexibility.

M2 MULTI CHARACTER MARKERS

Allows you to order markers already printed with the complete information in accordance with your specification.

M3 ON-SITE

Allows you to produce your own markers on site with one of Partex marking machines.

+ PACKAGING

reel of 1000 pcs

disc of 250/500 pcs

multi pack

handy pack of 250 pcs

on a reel / in a bag

un sorted

on tape / sheet

on reels

in a bag

boxed reel

PA - 1 0 0 0 3 B V 4 0 . 1

1   2   3   4   5   6   7   8   9

1. Product series
  PA = PA profile
  PO = PO profile
  PK = PK profile

2. Variations
  Z = Zerex / Halogen free
  - = Standard version
  + = An improved product

3. Size

4. Length

5. Packaging
  A = Cut / loose markers in a bag
  B = Semi cut markers on reel
  P = Semi cut markers in strips in bags
  S = Semi cut markers on compact disc

6. Type of print
  B = Black ink jet print
  V = Hot stamped print
  N = Neutral / Blank markers

7. Colour of profile
  Colours according to the international colour code

8. Colour of print
  Print colour according to the international colour code.
  Some products can only be printed in black or white.

9. Type of characters
  A-Z Letters
  0-9 Numbers
  Special characters such as: + - / earth sign etc.

We offer several types of printing. For example, single-character markers are hot stamped and multi-character markers are printed with ink or thermal transfer.

The colours of our markers are consistent with international colour code shown below.

0	black marker (RAL9011) white print
1	brown marker (RAL8015) white print
2	red marker (RAL3018) white print
3	orange marker (RAL2004) black print
4	yellow marker (RAL1021) black print
5	green marker (RAL6001) white print
6	blue marker (RAL5010) white print
7	violet marker (RAL4006) white print
8	grey marker (RAL7005) black print
9	white marker (RAL9010) black print
	yellow-green marker black print
+	red marker, white print
-	blue marker, white print
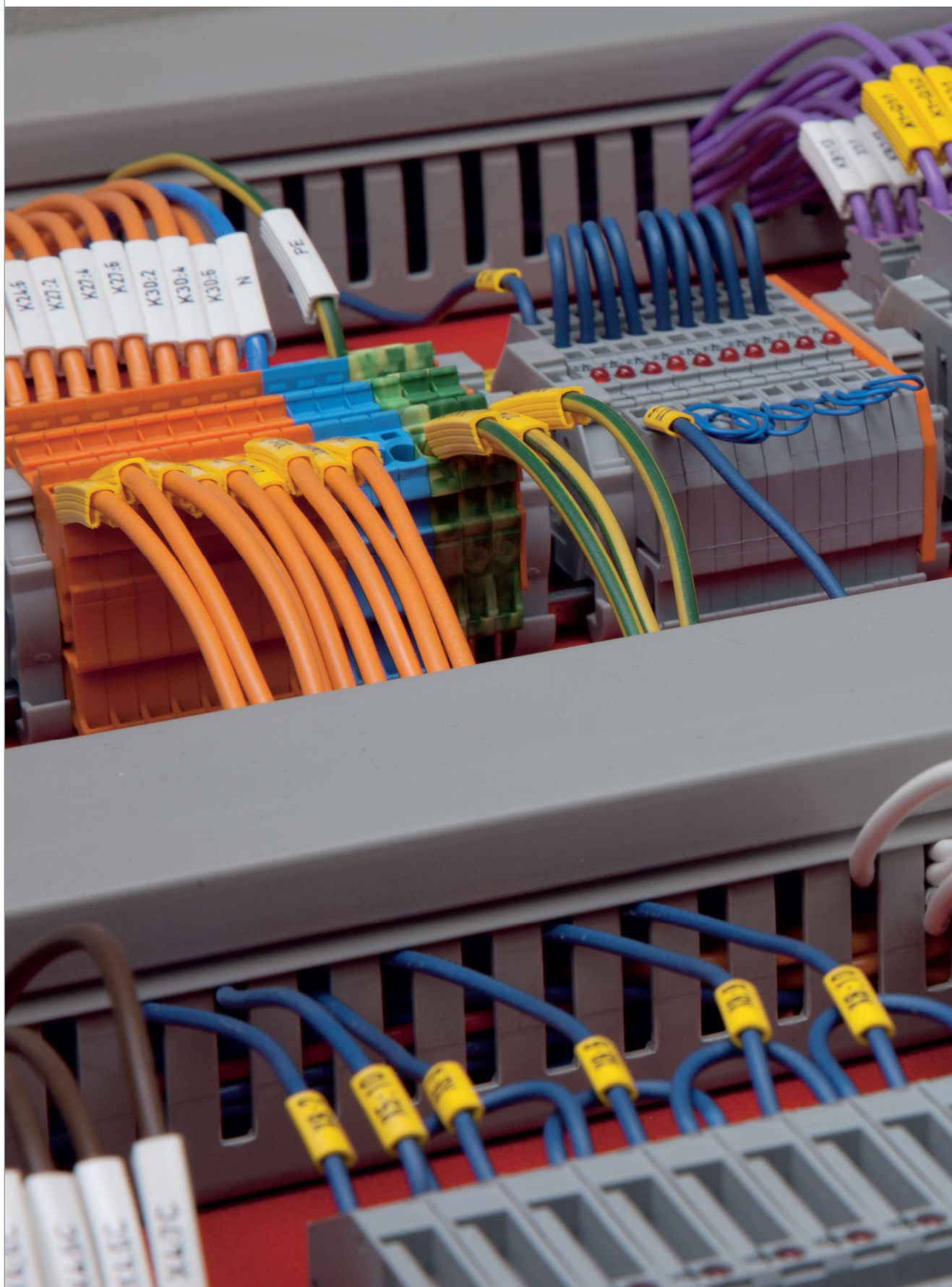
+ INFORMATION

+ Closed, permanent grip and adjustable marker sleeves.
+ For applications including electrical engineering, pneumatics and hydraulics.
+ Twist-protection for secure combination marking
+ Excellent legibility

+ PROPERTIES

Temperature range
PA: -30°C to +60°C

PAZ: -30°C to +90°C

Material
PA: PVC
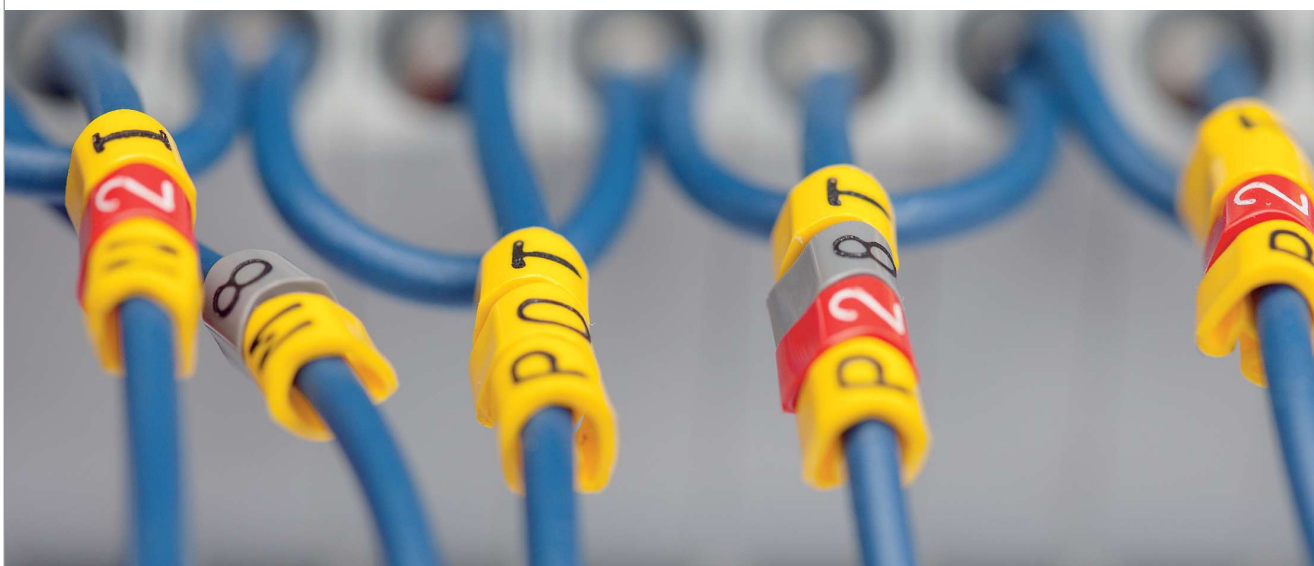
PAZ: ZEREX (Halogen free)

Print
hot stamped

Standard colours
PA: yellow and white
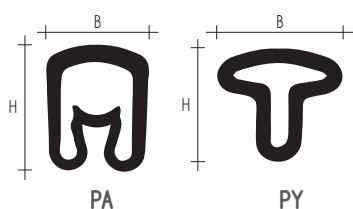
international colour code for 0-9

PAZ: yellow and white

Text
0-9, A-Z, + - / . : ~ ⏚

DIMENSIONS

PA   PY

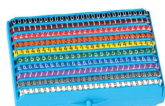| TYPE	HEIGHT [H mm]	WIDTH [B mm]	TEXT HEIGHT [mm]
PY-01	3.3	3.5	2.6
PA-02	3.6	3.5	2.6
PA-1	5.5	4.2	2.6
PA-2	9.5	6.6	4.0
PA-3	16.5	11.0	4.0

SIZES AND PACKAGING

TYPE	DIAMETER / AREA*	LENGTH	NUMBER OF CHARACTERS		PACKAGING		
PY-01	~1.0 - 2.0 mm ~0.2 - 0,7 mm²	3 mm	1		bag of 5x200 pcs - cut		roll of 1000 pcs.
PA-02/PAZ02	~1.3 - 3.0 mm 0.5 to 0.75 mm²	3 mm	1		bag of 5x200 pcs - cut bag of 250 pcs - strips		roll of 1000 pcs disc of 500 pcs
PA-1/PAZ1	~2.5 - 5.0 mm 0.75 to 4.0 mm²	3 mm	1		bag of 5x200 pcs - cut bag of 250 pcs - strips		roll of 1000 pcs disc of 500 pcs
PA-2/PAZ2	~4.0 - 10.0 mm 2.5 to 10.0 mm²	4 mm	1		bag of 5x100 pcs - cut bag of 250 pcs - strips		disc of 250 pcs
PA-3/PAZ3	~8.0 - 16.0 mm 16.0 to 50.0 mm²	6 mm	1		bag of 5x20 pcs - cut		

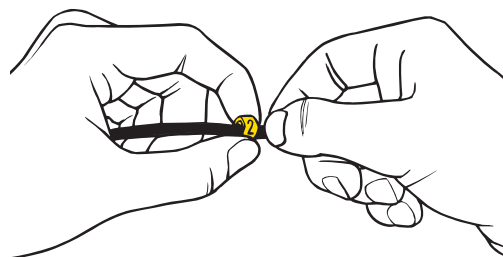***** Size shown refers to BS6231 tri-rated cable.

RELATED PRODUCTS

MD/MDH

CAS

PUJ/MD10

APPLICATION

PZ - CLOSED WIRE MARKERS - STRAIGHT CUT

+ INFORMATION

+ Closed, permanent grip and adjustable marking sleeves.

+ For applications including electrical engineering, pneumatics and hydraulics.

+ Twist-protection for secure combination marking
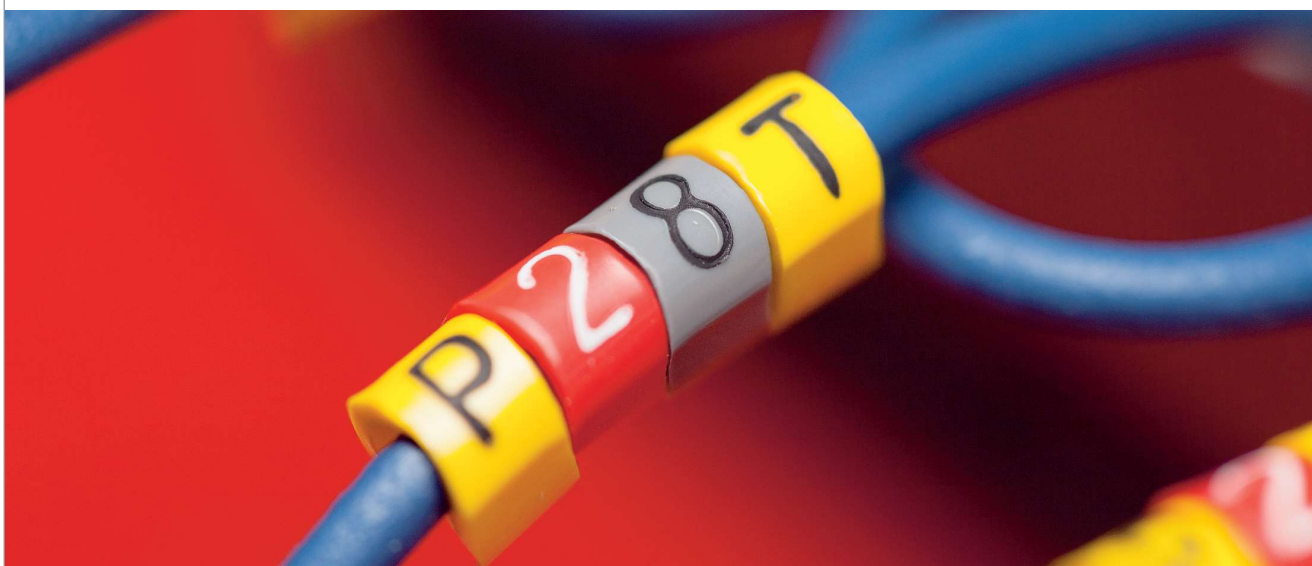
+ Excellent legibility

+ PROPERTIES

Temperature range
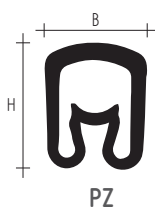-30℃ to +60℃

Material
PVC

Print
hot stamped

Standard colours
yellow and white
international colour code for 0-9

Text
0-9, A-Z, + - / . : ~ ⏚

PZ-02

DIMENSIONS

TYPE	HEIGHT [H mm]	WIDTH [B mm]	TEXT HEIGHT [mm]
PZ-02	3.6	3.5	2.6
PZ-1	5.5	4.2	2.6
PZ-2	9.5	6.6	4.0

PZ

SIZES AND PACKAGING

TYPE	DIAMETER / AREA*	LENGTH	NUMBER OF CHARACTERS	PACKAGING		
PZ-02	~1.3 - 3.0 mm 0.5 to 0.75 mm²	3 mm	1		bag of 5x200 pcs - cut bag of 250 pcs - strips	roll of 1000 pcs disc of 500 pcs
PZ-1	~2.5 - 5.0 mm 0.75 to 4.0 mm²	3 mm	1		bag of 5x200 pcs - cut bag of 250 pcs - strips	roll of 1000 pcs disc of 500 pcs
PZ-2	~4.0 - 10.0 mm 2.5 to 10.0 mm²	4 mm	1		bag of 5x100 pcs - cut bag of 250 pcs - strips	disc of 250 pcs

* Size shown refers to BS6231 tri-rated cable.

RELATED PRODUCTS

MD/MDH
▶ PAGE 87

CAS
▶ PAGE 86

PUJ/MD10
▶ PAGE 89
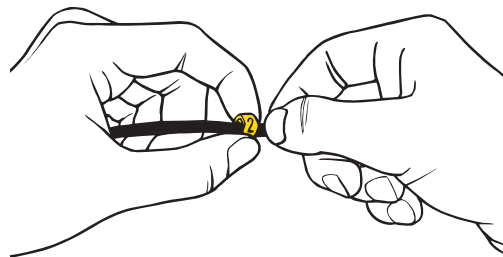
APPLICATION

+ INFORMATION

+ Open markers for already connected wires.

+ Securely positioned with help of barbs.

+ Twist-protected for secure combination marking.

+ Fast snap installation.

+ PROPERTIES

Temperature range
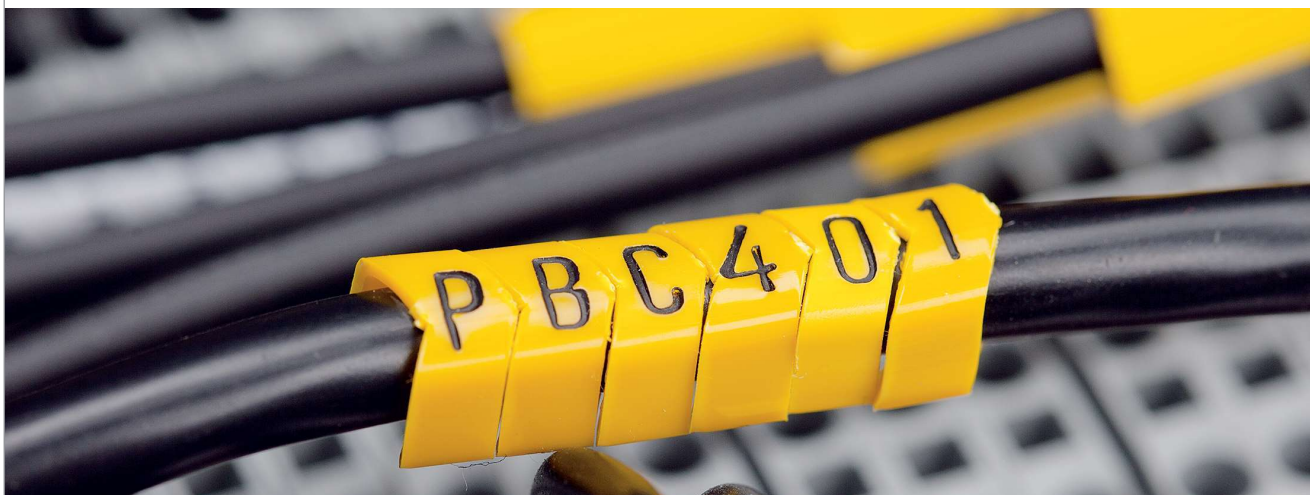-30℃ to +60℃

Material
PVC

Print
hot stamped

Standard colours
yellow and white
international colour code for 0-9

Text
0-9, A-Z, + - / . : ~ ⏚

DIMENSIONS
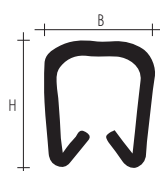
TYPE	HEIGHT [H mm]	WIDTH [B mm]	HEIGHT TEXT [mm]
PC-10	3.6	3.7	2.6
PC-20	4.2	4.5	2.6
PC-30	5.5	5.7	2.6
PC-40	6.5	6.9	4.0

SIZES AND PACKAGING

TYPE	CABLE DIAMETER	LENGTH	NUMBER OF CHARACTERS		PACKAGING
PC-10	~2.4 - 3.0 mm ~0.5 - 1.5 mm²	3 mm	1		1000 piece multi pack
PC-20	~3.0 - 4.0 mm ~1.5 - 2.5 mm²	3 mm	1		1000 piece multi pack
PC-30	~4.0 - 5.0 mm ~2.5 - 4.0 mm²	3 mm	1		1000 piece multi pack
PC-40	~5.0 - 6.2 mm ~4.0 - 6.0 mm²	4 mm	1		1000 piece multi pack

* Size shown refers to BS6231 tri-rated cable.

APPLICATION
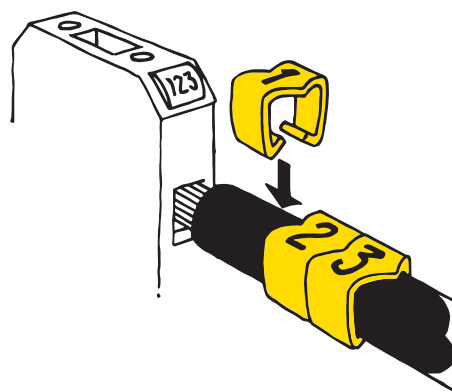
WIRE MARKERS

+ INFORMATION

+ Open markers for already connected wires.

+ Designed to interlock when fitted enabling easy alignment of multi digit markings.

+ Two sizes cover all cable sizes from 0.5 to 4.0 mm².

+ PROPERTIES

Temperature range
-30°C to +100°C

Material
Halogen-free Polyamide 6.6

Print
hot stamped

Standard colours
black on white, or black on yellow
international colour codes 0-9

Text
0-9, A-Z, + - / . : ~ ⏚, or blank

Properties
Excellent resistance to petrol, oils and fats.
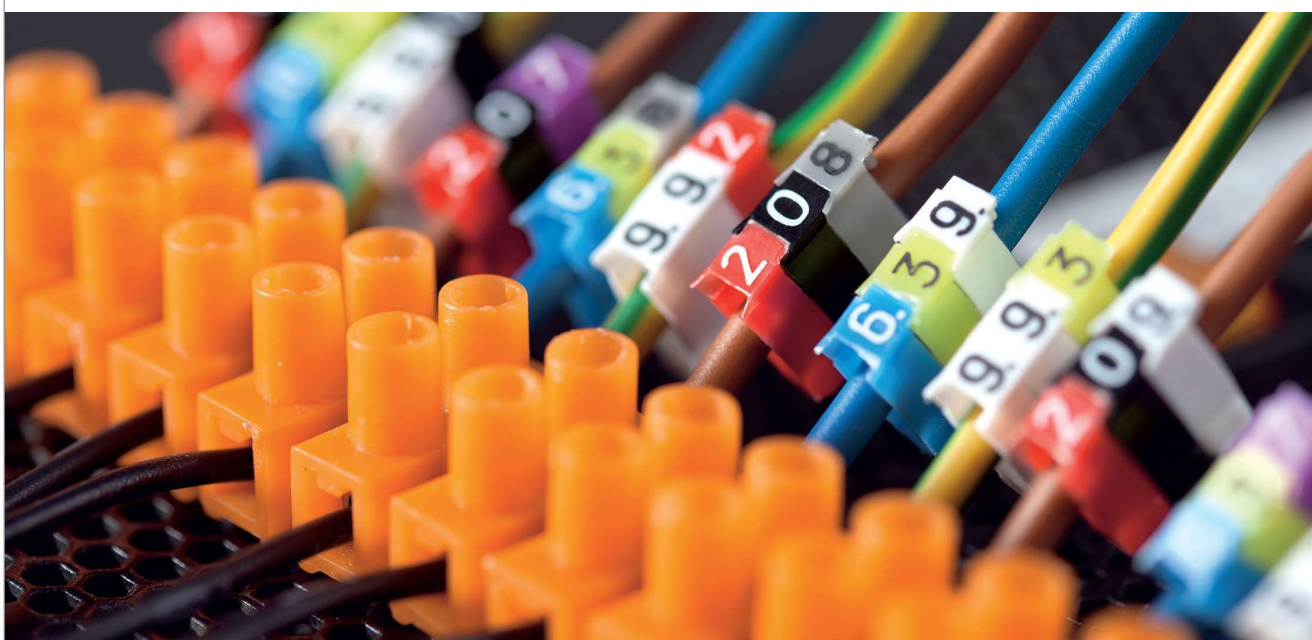
+ DIMENSIONS

| TYPE	HEIGHT [H mm]	WIDTH [B mm]	HEIGHT TEXT [mm]
PCA1	9.5	5.0	3.0
PCA2	13.0	5.0	3.0

+ SIZES AND PACKAGING

TYPE	DIAMETER / CABLE SIZE*	LENGTH	NUMBER OF CHARACTERS		PACKAGING
PCA1	2.2 - 3.6 mm 0.5, 0.75, 1.0, or 1.5 mm²	4 mm	1		pack of 320 pcs (10 strips of 32 markers)
PCA2	3.6 - 6.0 mm 2.5 or 4.0 mm²	4 mm	1		pack of 320 pcs (10 strips of 32 markers)

* Size shown refers to BS6231 tri-rated cable.

+ APPLICATION

PK+ - CABLE MARKERS
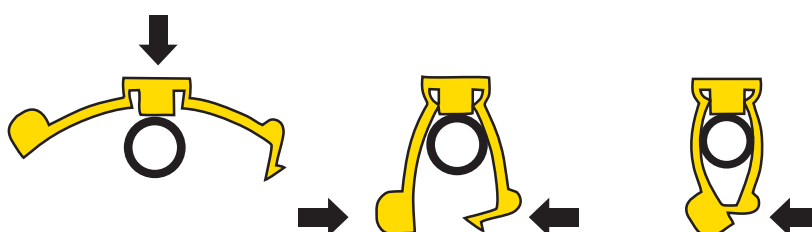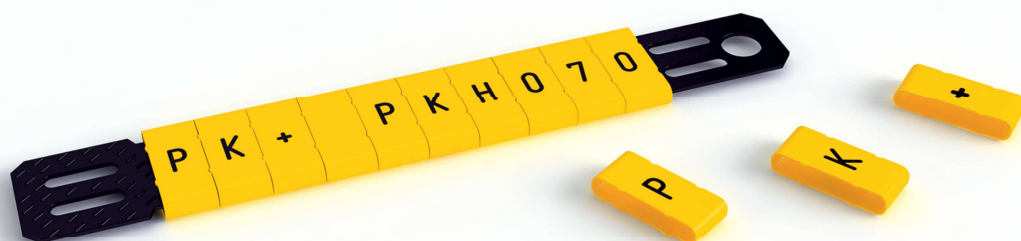
+ INFORMATION

+ Combination marker for cable and pipe marking.

+ One size for all diameters.

+ Installed quickly onto Partex PKH or POH holder which is fastened with cable ties around the cable.

+ Entirely closed and twist-protected.

+ Highly durable in exposed environments and with excellent readability.

+ PROPERTIES

Temperature range
PK+: -30°C to +60°C
PKZ: -30°C to +90°C

Material
PK+: PVC
PKZ: ZEREX

Print
PK+: hot stamped, PKZ: ink

Standard colours
yellow and white and the international colour code for 0-9

Text
0-9, A-Z, + - / . : ~ ⏚

+ APPLICATION
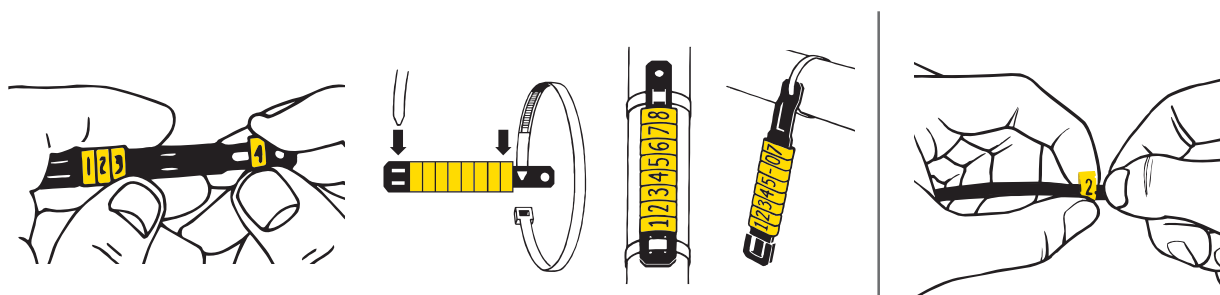
+ RELATED PRODUCTS

HFC

POH

PKH

PK+PKH070

PK+

B1
B2
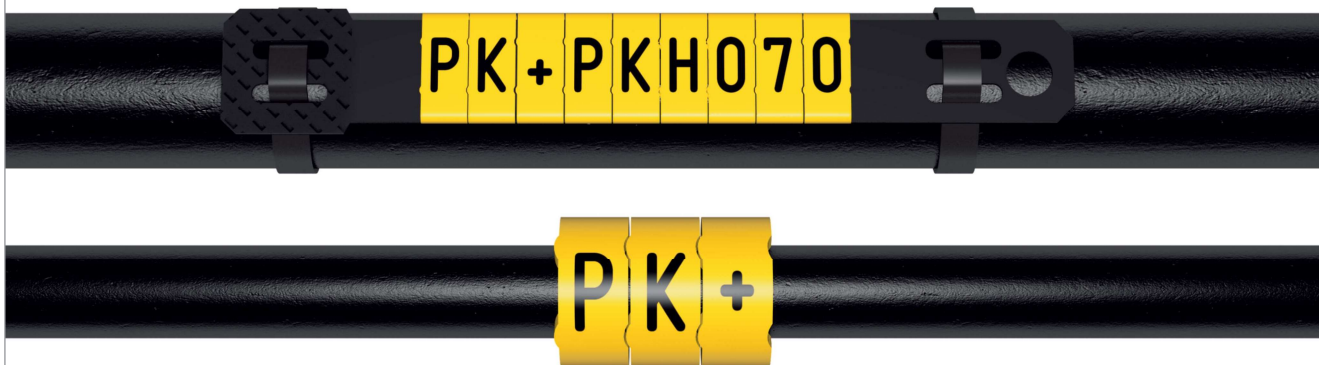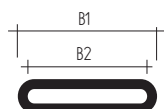
TYPE	WIDTH [B1 mm]	WIDTH [B2 mm]	HEIGHT TEXT [mm]
PK+/PKZ2	11.3	10.0	4.0

+ ACCESSORIES

PRODUCT	LENGTH	MAX. QUAN-TITY PK-2	MAX. QUAN-TITY PKZ2	PACKAGING	
PKH070	70 mm	10	-		pack of 100 pcs.
PKH070POL	70 mm	10	7		pack of 100 pcs.
PKH110POL	100 mm	20	13		pack of 100 pcs.
POH07	60 mm	8	-		pack of 100 pcs.
POH12	82 mm	13	-		pack of 100 pcs.
POH18	110 mm	19	-		pack of 100 pcs.
POH30	150 mm	30	-		pack of 100 pcs.

**PKH** are available in black only; **POH** are available in black, white and yellow. (other colours on request)

+ SIZES AND PACKAGING

TYPE	LENGTH	NUMBER OF CHARACTERS	PACKAGING	
PK+/PKZ2	4 mm	1		pack of 5x100 pcs. - cut
PK+/PKZ2	4 mm	1		compacta disc 500 pcs.

230VAC

MULTI CHARACTER MARKERS

M2

SAVING. Customized multi-character marking increases efficiency. The more complex the job, the greater the potential time saving. Furthermore, there is no waste. Ordering the markers ready-sorted saves even more time.

SIMPLICITY. We have also made it easy to order M2 markers. Simply choose the method that suits you best. Anything from an emailed Excel list to direct ordering via the internet, using MarkOnLine. - order when, where and how you like. It could not be any simpler!

SAFETY. Using our M2 system ensures the highest quality and accuracy. A correct original specification guarantees a correct end result. This is because all the markers are printed in advance!

SELECTION. Our M2 system leaves you entirely free to adapt your marking to your needs. Product types, sizes, colours, materials, sorting methods, packaging – we understand our customers needs and can offer the widest possible selection of solutions.

ONLINE ORDERING. Design your own customised markers online with our easy to use website: https://markonline.partex.co.uk

SORTING AND PACKAGING OPTIONS FOR OUR CUSTOMIZED MULTI CHARACTER MARKERS

MFS10 – The same type of markers sorted on a roll or in a bag.

MFS20 – Various types of markers sorted in one bag. Sorted for example according to drawing., cabinet or cables.

MFS30 – „Double Sorting"eg the cabinet, inside cabinets - by individual cables. Markers can also be ordered on adhesive tape or a sheet.

MFS40 – Markers mounted with cable ties and holders (PKH), sorted on a sheet or adhesive tape.

CUSTOMIZED MULTI CHARACTER MARKERS

PA+02027PN4

PA-02027PN4

PC-30027AN4

PO-06000BN4

IN:9/A/1-
X03:1/F:13

PPQ+10060DN4

PK-20Q40KN4

PO-068TWSN4

PKS10080S

PA+/PC/PK+ - MULTI-CHARACTER MARKERS
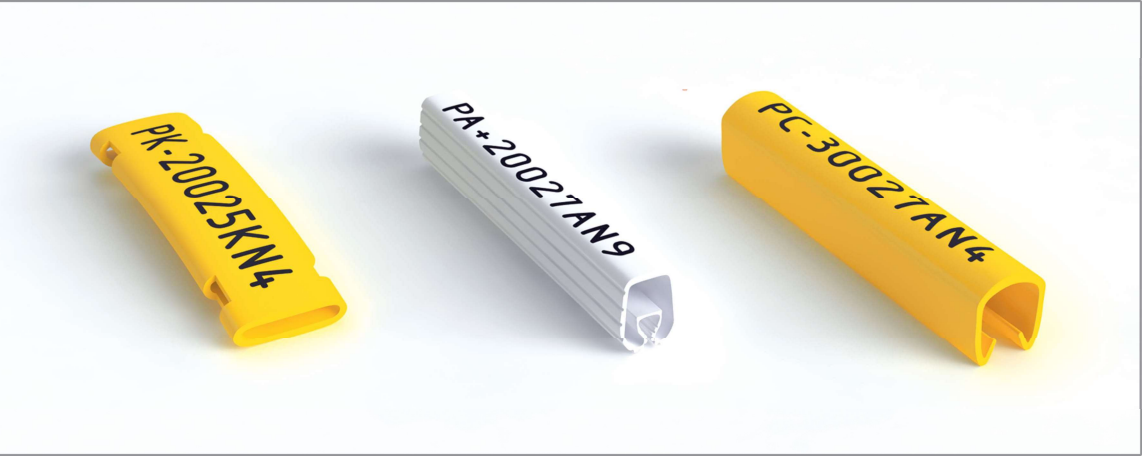
+ INFORMATION

+ Multi-character markers printed according to customer specifications.

+ All of information on one sleeve.

+ Quick installation with fewer markers.

+ No residue, no need of inventory.

+ OPEN WIRE MARKERS

TYPE	DIAMETER [mm]	AREA [mm²]	LENGTH [mm]	NUMBER OF CHARACTERS
PC/PCZ-10	2.4 - 3.0	0.5 - 1.5	9 - 100	1 - 30
PC/PCZ-20	3.0 - 4.0	1.5 - 2.5	9 - 100	1 - 30
PC/PCZ-30	4.0 - 5.0	2.5 - 4.0	9 - 100	1 - 30
PC/PCZ-40	5.0 - 6.2	4.0 - 6.0	9 - 100	1 - 30

+ CLOSED WIRE MARKERS

TYPE	DIAMETER [mm]	AREA* [mm²]	LENGTH [mm]	NUMBER OF CHARACTERS
PA+00	0,8-2,0		9 - 100	1-30
PA+02	1.3 - 3.0	0.5 - 0.75	9 - 100	1 - 30
PA+1	2.5 - 5.0	0.75 - 4.0	9 - 100	1 - 30
PA+2	4.0 - 10.0	2.5 - 10.0	9 - 100	1 - 30
PA-3	8.0 - 16.0	16.0 - 50.0	9 - 100	1 - 30

* Size shown refers to BS6231 tri-rated cable.

+ CABLE MARKERS

TYPE	LENGTH [mm]	NUMBER OF CHARACTERS
PK+/PKZ2	9 - 100	1 - 30
PK+/PKZ20QT25	25	12
PK+/PKZ20QT40	40	40

PK-20Q40KN4

PPQ+10060DN4

PA+02027PN4

PC-30027AN4

TYPE	DIAMETER [mm]	AREA* [mm²]	MARKER TEXT	PACKAGING	
PA+02	1.3 - 3.0	0.5 - 0.75	L1, L2, L3, PE	strip pack 5x100 pcs	compacta disc 250 pcs reel 1000 pcs
PA+1	2.5 - 5.0	0.75 - 4.0	L1, L2, L3, PE	strip pack 5x100 pcs	compacta disc 250 pcs reel 1000 pcs
PA+2	4.0 - 10.0	2.5 - 10.0	L1, L2, L3, PE	strip pack 5x100 pcs	compacta disc 250 pcs reel 1000 pcs
PA+3	8.0 - 16.0	16.0 - 50.0	L1, L2, L3, PE	strip pack 5x20 pcs	

* Size shown refers to BS6231 tri-rated cable.

TYPE	DIAMETER [mm]	AREA [mm²]	MARKER TEXT	PACKAGING
PC-10	2.4 - 3.0	0.5 - 1.5	L1, L2, L3, PE	strip pack 5x100 pcs
PC-20	3.0 - 4.0	1.5 - 2.5	L1, L2, L3, PE	strip pack 5x100 pcs
PC-30	4.0 - 5.0	2.5 - 4.0	L1, L2, L3, PE	strip pack 5x100 pcs
PC-40	5.0 - 6.2	4.0 - 6.0	L1, L2, L3, PE	strip pack 5x100 pcs

WIRE- AND CABLE MARKERS
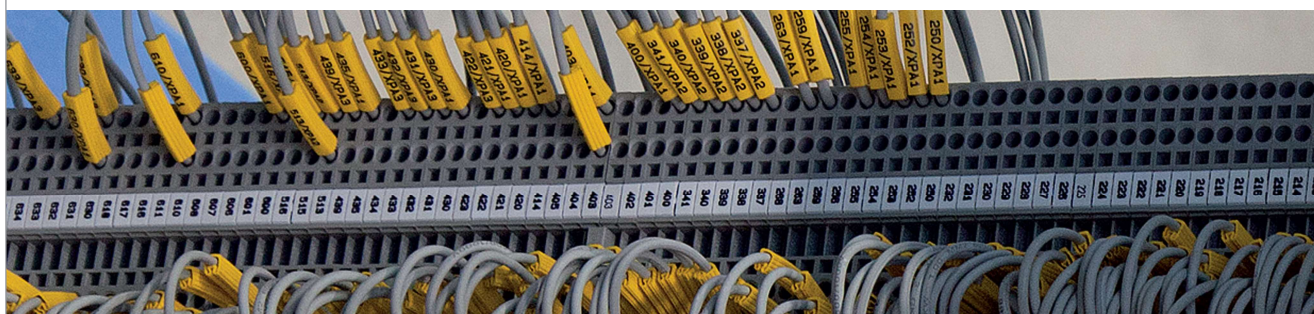
NEW
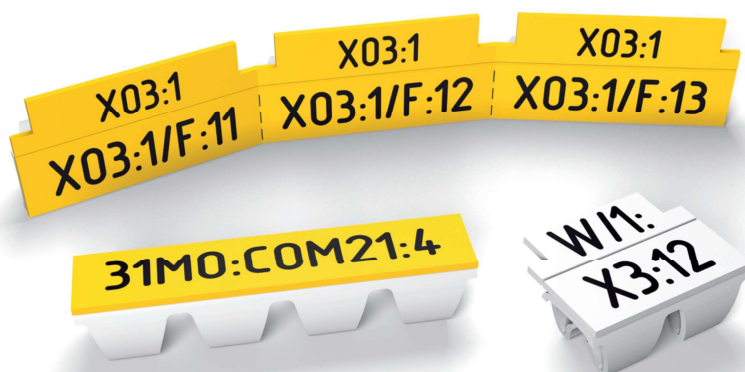
+ INFORMATION

+ PCT is a real revolution in the world of marking!

+ It's the first open wire marker on the market, available on a reel, ready to print on thermal transfer printers!

+ Its continuous format allows fast printing, with a maximum speed of 400 pcs per minute!

+ PCT marker is available in four different sizes, designed to cover the most popular range of cable diameters (1.2 – 4.0 mm).

+ The marker was designed with special regard to the terminal block width! When mounted on the cables coming into the terminal blocks, the marker won't stick out.

+ A unique structure of the marker makes it really flexible and easy to mount even on bent cables.

+ Full packaging (reel with markers) fits inside dedicated Partex printer.

+ SPECIFICATIONS

Temperature range
-40°C to +90°C

Installation temperature
+5°C to +40°C

Material
Halogen-free, cadmium and silicone-free
Marker base: ABS
Text and project field: ZEREX

Print
Thermal transfer, with recommended Partex printer and ribbon.

Standard colours
Yellow – white base, yellow text and project field
White – white base, white text and project field

Certified and issued to:
UL 94 V2 Flammability
Complies with: EN 45545 HL2

+ DIMENSIONS

TYPE	HEIGHT H [mm]	WIDTH		
		W1 [mm]	W2 [mm]	W3 [mm]
PCT 10	3,6	3,5	3,9	3,8
PCT 20	4,0	4,5	3,9	4,8
PCT 30	4,9	5,0	3,9	5,3
PCT 40	5,0	5,5	3,9	5,7
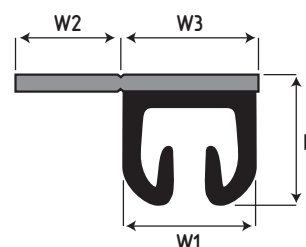
+ RELATED PRODUCTS

MK10-EOS2   MK10-EOS5   DRIVE ROLLER

TYPE	DIAMETER [mm] [min/max]	CROSS SECTION [mm²]	LENGTH [mm]	PACKAGING		COMPATIBLE PARTEX PRINTERS	
PCT 10	1.2 – 1.8	0.25 – 0.5	12		1400 pcs	MK10-EOS5	MK10-EOS2
			18		900 pcs		
			24		700 pcs		
PCT 20	1.8 – 2.5	0.75 – 1.5	12		1400 pcs		
			18		900 pcs		
			24		700 pcs		
PCT 30	2.5 – 3.3	1.5 – 2.5	12		1400 pcs		
			18		900 pcs		
			24		700 pcs		
PCT 40	3.3 – 4.0	2.5 – 4.0	12		1200 pcs		
			18		800 pcs		
			24		600 pcs		

WIRE MARKERS

+ MAIN FUNCTIONAL FEATURES

Soft top material
+ allows printing by thermal transfer printers
+ ensures excellent quality and legibility of the print
+ high wipe and scratch resistance

Sensor punch
+ enables stable printing process

Rigid material of the legs
+ ensure a strong grip on the wire
+ enables fast snap installation onto already connected wires

Special side punches
+ make the marker more flexible
+ ensure strong grip even on bent cables
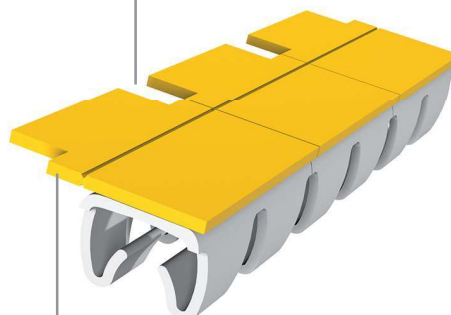
Project field:
+ extra space to place more information, e.g. installation data
+ makes the installation process quick and easy
+ easy to remove with one quick action

+ ADDITIONAL FUNCTIONS OF THE PROJECT FIELD
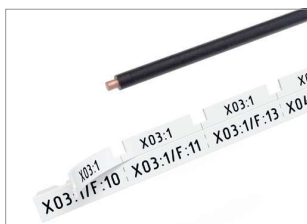
Every PCT marker has an additional project field, apart from the main text area. The additional area comes with regular punches. The punches are necessary for the printer sensor to align the marker correctly. The project field can be easily removed at any time.

The project field can function as a holder. Once the markers are printed, you can pull out any marker without changing the order of other markers. Thanks to numerous Promark Creator features, the printer can automatically place additional text onto the project field:

- the same text as in the main text area
- project name/ marker group name/ number of the marker
- date / hour/ week number
- any other text
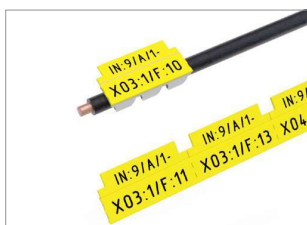
If a given description is too long for the main text area, you can print it onto the project field. Divided text can be either typed with a keyboard or imported using Promark Creator functions (e.g. from Excel, Access, Notepad etc.).

The project field can feature as a control function. If you need to check the cables after the marking process has been completed, Promark Creator enables that. You can add a control text (e.g. OK, CHECKED) on the project field. Once you connect and check all the wires, the project field can then be easily removed.

WIRE MARKERS

123 **M2**   123 **M3**

PO-04000BN4   PO-05000BN9   PO-06000BN4

+ INFORMATION

+ Oval profile to identify cables and wires.

+ Quick installation - all information included on one sleeve.

+ Designed for the most popular sizes of wires and cables.

+ Easy to print onto with thermal transfer printers from Partex.

+ PO-068 can be applied directly onto the POH or PKH carriers and then fastened to the cable with cable ties.

+ PROPERTIES

Temperature range
PO: -30℃ to +60℃; POZ: -30℃ to +90℃

Material
PO - PVC, POZ - ZEREX

Print
thermal transfer

Standard colours
yellow and white, others available on request

+ RELATED PRODUCTS

PROMARK-T1000
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MK10-SQUIX
▶ PAGE 106

MK10-DH
▶ PAGE 108

EOS2
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EOS5
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PKH
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POH
▶ PAGE 23

+ APPLICATION
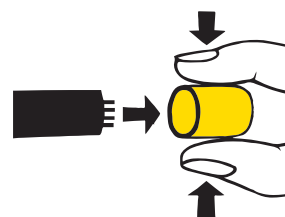
PO-06000BN4

TYPE	TYPE - (ZERO HALOGEN)	DIAMETER [mm] [min/max]	AREA# [mm²]	PACKAGING		COMPATIBLE PRINTERS	
PO-01	POZ-01	1.3 / 1.8			6 m / 250 m		
PO-02	POZ-02	1.7 / 2.2			5 m / 60 m / 250 m		
PO-03	POZ-03	2.0 / 2.5			4.5 m / 50 m / 250 m		
PO-04	POZ-04	2.2 / 2.8	0.5		4.5 m / 50 m / 200 m		
PO-05	POZ-05	2.7 / 3.5	0.75-1.0		4 m / 40 m / 200 m	PROMARK-T1000	MK10-SQUIX, MK10-DH
PO-06	POZ-06	3.2 / 4.0	1.5-2.5		3.5 m / 40 m / 200 m		
PO-068*	PKZ20	6.8 / 7.0	-		4.5 m / 50 m		
PO-06Q**	-	-	-		3.5 m / 40 m		
PO-068Q**	PKZ20Q	-	-		25 m / 50 m		
PO-07	POZ-07	3.8 / 4.7	4.0		3.5 m / 30 m / 100 m		
PO-08	POZ-08	4.6 / 5.5	6.0		3 m / 30 m / 100 m		
PO-09	POZ-09	5.6 / 7.0	10.0		50 m		
PO-10	POZ-10	6.5 / 8.0	16.0				

* mounted on POH, PKH or directly with cable tie   ** pre-punched, mounted with cable tie

\# Size shown refers to BS6231 tri-rated cable.

P0 - WIRE AND CABLE MARKERS

TYPE	DIAMETER [min/max] [mm]	AREA** [mm²]
P0/P0Z-01	1.3/1.8	
P0/P0Z-02	1.7/2.2	
P0/P0Z-03	2.0/2.5	
P0/P0Z-04	2.2/2.8	0.5
P0/P0Z-05	2.7/3.5	0.75-1.0
P0/P0Z-06	3.2/4.0	1.5-2.5
P0/P0Z-068*	6.8/7.0	-
P0/P0Z-07	3.8/4.7	4.0
P0/P0Z-08	4.6/5.5	6.0
P0/P0Z-09	5.6/7.0	10.0
P0/P0Z-10	6.5/8.0	16.0
P0/P0Z-12	7.5/10.0	20.0
P0/P0Z-14	9.5/12.0	25.0
P0/P0Z-16	11.5/14.0	35.0
P0/P0Z-18	13.5/16.0	50.0
P0/P0Z-20	15.5/18.0	70.0
P0/P0Z-22	17.5/20.0	95.0
P0/P0Z-24	19.5/22.0	120.0
P0/P0Z-26	21.5/24.0	150.0
P0/P0Z-28	24.0/28.0	185.0

* Mountable on POH and PKH carriers

** Size shown refers to BS6231 tri-rated cable.

PHZ - HEAT SHRINK

TYPE	DIAMETER BEFORE SHRINKING [mm]	DIAMETER AFTER SHRINKING [mm]
PHZ/PHZF20024	2.4	1.2
PHZ/PHZF20032	3.2	1.6
PHZ/PHZF20048	4.8	2.4
PHZ/PHZF20064	6.4	3.2
PHZ/PHZF20095	9.5	4.8
PHZ/PHZF20127	12.7	6.4
PHZ/PHZF20190	19.0	9.5
PHZ/PHZF20254	25.4	12.7
PHZ/PHZF20320	32.0	16.0

PACKAGING

UN SORTED   **ON A REEL / IN A BAG**

Your customised markers can be sorted and packaged however you require.

WIRE- AND CABLE MARKERS

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123 M2

123 M3

+ INFORMATION

+ Flexible, round profile made of cross-linked heat shrinkable polyolefin.

+ Many applications in industry.

+ Excellent properties and fire safety characteristics.

+ Low smoke generation and evolution of acid gases.

+ 2:1 shrink ratio.

+ PROPERTIES

Temperature range
-55°C to +105°C

Material
polyolefin, flame retardant in accordance with ASTM D2671

Print
thermal transfer

Standard colours
yellow and white, other colours available on request

According to the standard
AMS-DTL-23053 Class 1
BS 6853:1999
EN 45545-2 HL3
UNI CEI 11170-3

PHZ20048BN4

TYPE	DIAMETER [D mm]	DIAMETER [D1 mm]	THICKNESS [W mm]	PACKAGING		COMPATIBLE PRINTERS	
PHZ20024	2.4	1.2	0.51		15 m or 100 m	PROMARK-T1000	MK10-SQUIX, MK10-DH
PHZ20032	3.2	1.6	0.51		15 m or 100 m		
PHZ20048	4.8	2.4	0.51		12 m or 100 m		
PHZ20064	6.4	3.2	0,64		12 m or 100 m		
PHZ20095	9.5	4.8	0,64		75 m		
PHZ20127	12.7	6.4	0,64		50 m		
PHZ20190	19.0	9.5	0.77		25 m		
PHZ20254	25.4	12.7	0.89		25 m		
PHZ20381	38.1	19.1	1.02		25 m		

D1
W
D

+ RELATED PRODUCTS

PROMARK-T1000

MK10-SQUIX

MK10-DH

EOS2

EOS5

+ APPLICATION

WIRE- AND CABLE MARKERS

PHZF - FLAT HEAT SHRINK FOR PRINTING

+ INFORMATION

+ Flat, thin-walled heat shrink made of halogen-free material.

+ High resistance to low and high temperature.

+ Very low gas emission in the event of fire.

+ Flame resistant.

+ 2:1 shrink ratio.

+ Ideal for heavy-duty industrial applications.

+ Fast and cheap marking on site with a printer from Partex.

+ PROPERTIES

Temperature range
-55°C do +105°C

Material
Halogen free, self-extinguishing in accordance with ASTM D2671

Print
thermal transfer

Standard colours
yellow and white, other colours available on request

According to standard
AMS-DTL-23053 Class 1
EN45545-2 HL3
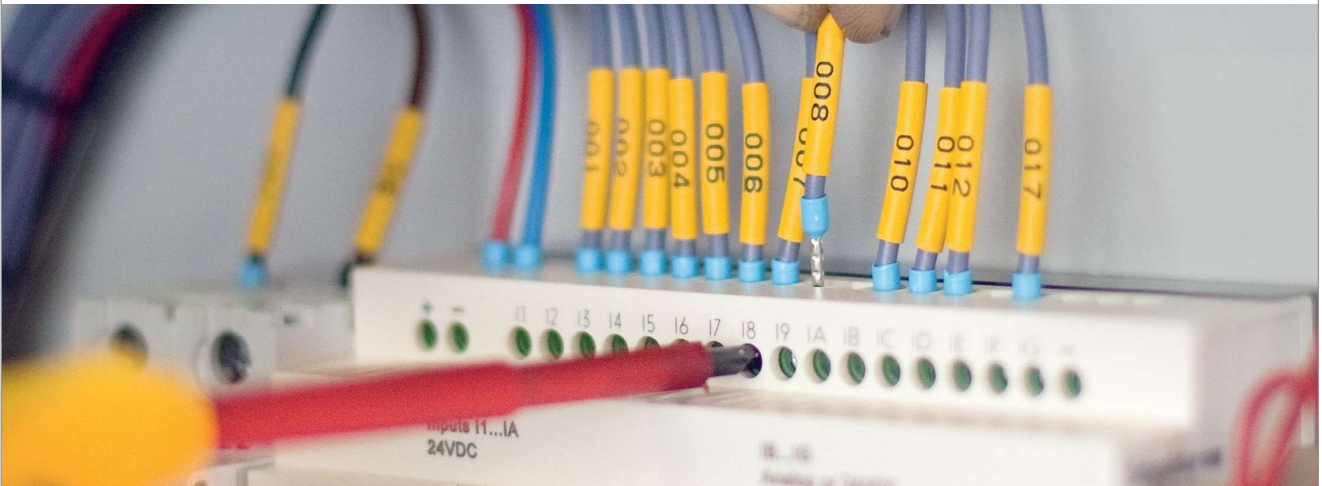
PHZF20127BN4

TYPE	DIAMETER [D mm]	DIAMETER [D1 mm]	THICKNESS [W mm]	PACKAGING		COMPATIBLE PRINTERS	
PHZF20024	2.4	1.2	0.51		25 m or 100 m		
PHZF20032	3.2	1.6	0.51		25 m or 100 m		
PHZF20048	4.8	2.4	0.51		25 m or 100 m	PROMARK-T1000	
PHZF20064	6.4	3.2	0.64		25 m or 100 m		
PHZF20095	9.5	4.8	0.64		75 m		MK10-SQUIX, MK10-DH
PHZF20127	12.7	6.4	0.64		50 m		
PHZF20191	19.1	9.5	0.77		50 m		
PHZF20254	25.4	12.7	0.89		50 m		
PHZF20381	38.1	19.1	1.02		25 m		

+ RELATED PRODUCTS

+ APPLICATION

PROMARK-T1000

MK10-SQUIX

MK10-DH

EOS2

EOS5

WIRE- AND CABLE MARKERS

SG - PRINTABLE HEAT SHRINK SLEEVES (STANDARD GRADE)

123 M2
123 M3
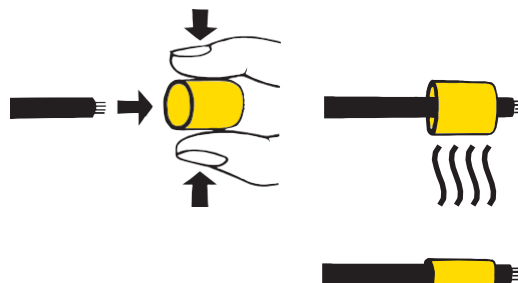
+ INFORMATION

SG - **S**tandard **G**rade Printable Heat Shrink Sleeves

Very flexible heat shrinkable tubing (2:1 shrink ratio). Flexible polyolefin sleeves used for wire identification. Markers are supplied roll form in a flattened format on a backing which can also be printed to aid sorting.

+ Flame Retardant

+ Self Extinguishing

+ Easy Pick Application

+ Backing card perforated after every sleeve

+ RoHS and REACH Compliant

+ SPECIFICATIONS

Temperature range
-55℃ to +125℃

Material
flexible polyolefin

Print
thermal transfer

Standard colours
yellow and white

Shrink ratio
2:1

Certified and issued to:
UL224 VW-1 Flammability

+ PROPERTIES

PROPERTY	VALUE
Continuous Operating Temperature	-55℃ to +125℃
Tensile Strength	10.4 MPa Min.
Elongation at Break	250% Min.
Optimum Shrink Temperature	+115℃
Longitudinal Change	-7% Max.
Dielectric Strength	20kV per 1mm wall thickness
Minimum Shrink Temperature	+90℃

PROSLEEVE - SG
STANDARD GRADE

TYPE	DIAMETER [mm] BEFORE SHRINKING	DIAMETER [mm] AFTER SHRINKING	SLEEVE LENGTH [mm]	MARKERS ACCROSS	MARKERS / BOX
SGD024125LR*	2.4	1.2	12.5	4	4000
SGD024250LR*	2.4	1.2	25	2	2000
SGD024500LR*	2.4	1.2	50	1	1000
SGD032125LR*	3.2	1.6	12.5	4	4000
SGD032250LR*	3.2	1.6	25	2	2000
SGD032500LR*	3.2	1.6	50	1	1000
SGD048125LR*	4.8	2.4	12.5	4	4000
SGD048250LR*	4.8	2.4	25	2	2000
SGD048500LR*	4.8	2.4	50	1	1000
SGD064125LR*	6.4	3.2	12.5	4	4000
SGD064250LR*	6.4	3.2	25	2	2000
SGD064500LR*	6.4	3.2	50	1	1000
SGD095125LR*	9.5	4.75	12.5	4	2000
SGD095250LR*	9.5	4.75	25	2	1000
SGD095500LR*	9.5	4.75	50	1	500
SGD127125LR*	12.7	6.4	12.5	4	2000
SGD127250LR*	12.7	6.4	25	2	1000
SGD127500LR*	12.7	6.4	50	1	500
SGD180125LR*	18.0	9.0	12.5	4	2000
SGD180250LR*	18.0	9.0	25	2	1000
SGD180500LR*	18.0	9.0	50	1	500
SGD254250LR*	25.4	12.7	25	2	600
SGD254500LR*	25.4	12.7	50	1	300
SGD381500LR*	38.1	19.1	50	1	100
SGD508500LR*	50.8	25.4	50	1	100

* = Colour (4=Yellow, 9=White) Recommended ribbon: 2020 series

MK10-SQUIX
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MK10-DH
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EOS2
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EOS5
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RIBBONS
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HEAT SHRINK

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MS - PRINTABLE HEAT SHRINK SLEEVES (MILITARY SPECIFICATION)

123 M2   123 M3
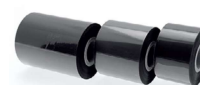
+ INFORMATION

MS - Military **S**pecification Printable Heat Shrink Sleeves

Very flexible, high temperature rated, highly flame retardant, UL and CSA recognised heat shrinkable tubing (3:1 shrink ratio). Flexible polyolefin sleeves used for wire identification. Markers are supplied roll form in a flattened format on a carrier which can also be printed to aid sorting.

- + Flame Retardant
- + Self Extinguishing
- + Meets requirements of SAE-DTL-23053/5
- + Easy Pick Application
- + Backing card perforated after every sleeve
- + Print performance to Military Specifications
- + RoHS and REACH Compliant

+ SPECIFICATIONS

Temperature range
-55℃ to +135℃

Material
flexible polyolefin

Print
thermal transfer

Standard colours
yellow and white

Shrink ratio
3:1

Certified and issued to:
SAE-AMS-DTL-23053/5
UL224 VW-1 Flammability

Print performance to military specifications
Adherence: SAE-AS5942
Fluid Resistance: MIL202G Method 215K

+ PROPERTIES

PROPERTY	VALUE
Continuous Operating Temperature	-55℃ to +135℃
Elongation After Heat Ageing 158℃x168h)	100% Min.
Heat Shock (250℃x4h)	Pass no crack, flowing or dripping
Min. Shrink Temp. for full Recovery	+90℃
Longitudinal Change	-15% Max.
Tensile Strength	10.4 MPa Min.
Elongation at Break	200% Min.
Secant Modulus	173 MPa Max.
Flammability	UL 224 VW1
Voltage Rating	600V

PROSLEEVE - MS
MILITARY SPECIFICATION

TYPE	DIAMETER [mm] BEFORE SHRINKING	DIAMETER [mm] AFTER SHRINKING	SLEEVE LENGTH [mm]	MARKERS ACCROSS	MARKERS / BOX
MSD024125LR*	2.4	0.8	12.5	4	4000
MSD024250LR*	2.4	0.8	25	2	2000
MSD024500LR*	2.4	0.8	50	1	1000
MSD032125LR*	3.2	1.10	12.5	4	4000
MSD032250LR*	3.2	1.10	25	2	2000
MSD032500LR*	3.2	1.10	50	1	1000
MSD048125LR*	4.8	1.6	12.5	4	4000
MSD048250LR*	4.8	1.6	25	2	2000
MSD048500LR*	4.8	1.6	50	1	1000
MSD064125LR*	6.4	2.10	12.5	4	4000
MSD064250LR*	6.4	2.10	25	2	2000
MSD064500LR*	6.4	2.10	50	1	1000
MSD095125LR*	9.5	3.2	12.5	4	2000
MSD095250LR*	9.5	3.2	25	2	1000
MSD095500LR*	9.5	3.2	50	1	500
MSD127125LR*	12.7	4.2	12.5	4	2000
MSD127250LR*	12.7	4.2	25	2	1000
MSD127500LR*	12.7	4.2	50	1	500
MSD180125LR*	18.0	6.4	12.5	4	2000
MSD180250LR*	18.0	6.4	25	2	1000
MSD180500LR*	18.0	6.4	50	1	500
MSD254250LR*	25.4	8.5	25	2	600
MSD254500LR*	25.4	8.5	50	1	300
MSD381500LR*	38.1	12.7	50	1	100

* = Colour (4=Yellow, 9=White) Recommended ribbon: 2020 series

MK10-SQUIX	MK10-DH	EOS2	EOS5	RIBBONS
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HEAT SHRINK

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+ INFORMATION

HF - **H**alogen **F**ree Printable Heat Shrink Sleeves

Very flexible, low smoke, zero halogen and flame retardant heat shrinkable tubing (2:1 shrink ratio). Flexible polyolefin sleeves used for wire identification. Offers excellent fire safety characteristics combined with minimal smoke emissions.

+ Flame Retardant to UL224 VW-1

+ Low Smoke

+ Zero Halogen

+ Easy Pick Application

+ Backing card perforated after every sleeve

+ Print performance to Military Specifications

+ RoHS and REACH Compliant

+ SPECIFICATIONS

Temperature range
-30°C to +105°C

Material
flexible polyolefin

Print
thermal transfer

Standard colours
yellow and white

Shrink ratio
2:1

Certified and issued to:
UL224 VW-1 Flammability

Print performance to military specifications
Adherence: SAE-AS81531-1998 Clause 4.6.2
Fluid Resistance: MIL202 Method 215K

+ PROPERTIES

PROPERTY	VALUE
Continuous Operating Temperature	-30°C to +105°C
Elongation After Heat Ageing (150°C x 168h)	250% Min.
Heat Shock (225°C x 4h)	No cracking, flowing or dripping
Min. Shrink Temp. for full Recovery	+90°C
Longitudinal Change	+5%, -10% Max.
Tensile Strength	13.0 MPa Min.
Elongation at Break	400% Min.
Oxygen Index	36%
Dielectric Strength	20kV/mm
Volume Resistivity	1014 ohm cm

PROSLEEVE - HF
HALOGEN FREE

TYPE	DIAMETER [mm] BEFORE SHRINKING	DIAMETER [mm] AFTER SHRINKING	SLEEVE LENGTH [mm]	MARKERS ACCROSS	MARKERS / BOX
HFD024125LR*	2.4	1.2	12.5	4	4000
HFD024250LR*	2.4	1.2	25	2	2000
HFD024500LR*	2.4	1.2	50	1	1000
HFD032125LR*	3.2	1.6	12.5	4	4000
HFD032250LR*	3.2	1.6	25	2	2000
HFD032500LR*	3.2	1.6	50	1	1000
HFD048125LR*	4.8	2.4	12.5	4	4000
HFD048250LR*	4.8	2.4	25	2	2000
HFD048500LR*	4.8	2.4	50	1	1000
HFD064125LR*	6.4	3.2	12.5	4	4000
HFD064250LR*	6.4	3.2	25	2	2000
HFD064500LR*	6.4	3.2	50	1	1000
HFD095125LR*	9.5	4.75	12.5	4	2000
HFD095250LR*	9.5	4.75	25	2	1000
HFD095500LR*	9.5	4.75	50	1	500
HFD127125LR*	12.7	6.4	12.5	4	2000
HFD127250LR*	12.7	6.4	25	2	1000
HFD127500LR*	12.7	6.4	50	1	500
HFD190125LR*	19.0	9.5	12.5	4	2000
HFD190250LR*	19.0	9.5	25	2	1000
HFD190500LR*	19.0	9.5	50	1	500
HFD254250LR*	25.4	12.7	25	2	600
HFD254500LR*	25.4	12.7	50	1	300
HFD381500LR*	38.1	19.1	50	1	100
HFD508500LR*	50.8	25.4	50	1	100

* = **Colour** (4=Yellow, 9=White) Recommended ribbon: 2020 or 510 series

MK10-SQUIX	MK10-DH	EOS2	EOS5	RIBBONS
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NF - PRINTABLE HEAT SHRINK SLEEVES (DIESEL RESISTANT)

+ INFORMATION

NF - Diesel Resistant Printable Heat Shrink Sleeves

Very flexible, high temperature rated, highly flame retardant, UV Stabilised heat shrinkable tubing (3:1 shrink ratio). Ideally suited for applications where resistance to organic fluids, common fuels, lubricants and solvents are required. Flexible polyolefin sleeves used for wire identification. Markers are supplied roll form in a flattened format on a backing which can also be printed to aid sorting.

+ Diesel Resistant

+ Flame Retardant

+ Self Extinguishing

+ Meets SNCF Spec. NF-F00-608

+ Easy Pick Application

+ Backing card perforated after every sleeve

+ Print performance to Military Specifications

+ RoHS and REACH Compliant

+ SPECIFICATIONS

Temperature range
-55°C to +135°C

Material
flexible polyolefin

Print
thermal transfer

Standard colours
yellow and white

Shrink ratio
3:1

Certified and issued to:
UL224 @ 300V

Print performance to military specifications
Adherence: SAE-AMS-DTL-23053-6 Class 1

+ PROPERTIES

PROPERTY	VALUE
Continuous Operating Temperature	-55°C to +135°C
Min. Shrink Temp. for full Recovery	130°C (starts at 100°C)
Heat Shock (250°Cx4h)	Pass no crack, flowing or dripping
Longitudinal Change	+-10% Max.
Tensile Strength	13.8 MPa Min.
Elongation at Break	200% Min.
Diesel Oil Resistance	NF F00-608
Secant Modulus	172 MPa Max.
Flammability	Flame retarded 60 sec Max. ASTM-D2671 (B)

PROSLEEVE - NF
DIESEL SPECIFICATION

TYPE	DIAMETER [mm] BEFORE SHRINKING	DIAMETER [mm] AFTER SHRINKING	SLEEVE LENGTH [mm]	MARKERS ACCROSS	MARKERS / BOX
NFD032125LR*	3.2	1.10	12.5	4	4000
NFD032250LR*	3.2	1.10	25	2	2000
NFD032500LR*	3.2	1.10	50	1	1000
NFD048125LR*	4.8	1.6	12.5	4	4000
NFD048250LR*	4.8	1.6	25	2	2000
NFD048500LR*	4.8	1.6	50	1	1000
NFD064125LR*	6.4	2.10	12.5	4	4000
NFD064250LR*	6.4	2.10	25	2	2000
NFD064500LR*	6.4	2.10	50	1	1000
NFD095125LR*	9.5	3.2	12.5	4	2000
NFD095250LR*	9.5	3.2	25	2	1000
NFD095500LR*	9.5	3.2	50	1	500
NFD127125LR*	12.7	4.2	12.5	4	2000
NFD127250LR*	12.7	4.2	25	2	1000
NFD127500LR*	12.7	4.2	50	1	500
NFD180125LR*	18.0	6.4	12.5	4	2000
NFD180250LR*	18.0	6.4	25	2	1000
NFD180500LR*	18.0	6.4	50	1	500
NFD254250LR*	25.4	8.5	25	2	600
NFD254500LR*	25.4	8.5	50	1	300
NFD381500LR*	38.1	12.6	50	1	100
NFD508500LR*	50.8	16.9	50	1	100

* = Colour (4=Yellow, 9=White) Recommended ribbon: 2020 series
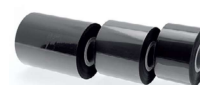
MK10-SQUIX
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HEAT SHRINK

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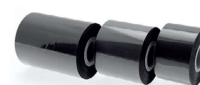
PHZ – LADDER MARKERS

PHZ – Ladder Markers

Flattened zero halogen heat shrink tubing with ideal properties for identification by thermal transfer printing. Developed for Underground, Railway, and Offshore.

+ Zero Halogen

+ Easy Pick Application

+ Print performance to Military Specifications

+ RoHS and REACH Compliant

SPECIFICATIONS

Temperature range
-55°C to +105°C

Material
flexible polyolefin

Print
thermal transfer

Standard colours
yellow and white

Shrink ratio
2:1

Fluid resistance
Meets: MIL202G Method 215K

Specifications:
EN 45545-2 - Class HL3
LUL Standard 1-085 (Limited, dispersed usage)
Formerly LUL 2-01001-002
BS6583 - Vehicle Cat. 1a

PROPERTIES

THERMAL PROPERTIES	VALUE	TEST METHOD
Temperature range	-55°C to +105°C	-
Elongation After Heat Ageing (150°Cx168hrs)	Elongation$\geq$150%	ASTM D 638
Bend at low temperature (-55°C)	No crack, No break	IEC 60684-2
Heat Shock (170°Cx4hrs)	No dripping' No cracking	ASTM-D 2671
Optical density of smoke (Dm)	Flame mode 41	ASTM E 662
Flammability	Flame retardant	ASTM-D 635-HB

PHYSICAL PROPERTIES	VALUE	TEST METHOD
Longitudinal Change	+-10% to +5%	ASTM-D 2671
Specific Gravity	1.40	ASTM D 792
Tensile Strength	10 N/mm^2	ASTM D 638
Elongation at Break	200% Min.	ASTM D 638

CHEMICAL PROPERTIES	VALUE	TEST METHOD
Chemical Resistance	Good to Excellent	AMS DTL 23053/5
Copper Corrosion	Non-Corrosive	ASTM-D 2671 B
Copper Compatibility	Non-Corrosive	ASTM-D 2671

ELECTRICAL PROPERTIES	VALUE	TEST METHOD
Dielectric Strength	20kV/mm	ASTM D 2671
Volume Resistivity	10^{146} ohm cm	ASTM-D 257
Dielectric Voltage Withstand (after aging)	No Breakdown	ASTM-D 2671
Water Absorbtion	$\leq$0.15%	ASTM-D 570

LOW FIRE HAZARD PROPERTIES	VALUE	TEST METHOD
Oxygen Index	35	EN ISO 4589-2
Toxicity (R Value)	0.31	BS6853 B1
Smoke Index	Smoke class F1	NF F 16-101

TYPE	DIAMETER [mm] BEFORE SHRINKING	DIAMETER [mm] AFTER SHRINKING	SLEEVE LENGTH [mm]	MARKERS ACCROSS	MARKERS / BOX
PHZ^024125LR*	2.4	1.2	12.5	4	4000
PHZ^024250LR*	2.4	1.2	25	2	2000
PHZ^024500LR*	2.4	1.2	50	1	1000
PHZ^032125LR*	3.2	1.6	12.5	4	4000
PHZ^032250LR*	3.2	1.6	25	2	2000
PHZ^032500LR*	3.2	1.6	50	1	1000
PHZ^048125LR*	4.8	2.4	12.5	4	4000
PHZ^048250LR*	4.8	2.4	25	2	2000
PHZ^048500LR*	4.8	2.4	50	1	1000
PHZ^064125LR*	6.4	3.2	12.5	4	4000
PHZ^064250LR*	6.4	3.2	25	2	2000
PHZ^064500LR*	6.4	3.2	50	1	1000
PHZ^095125LR*	9.5	4.75	12.5	4	2000
PHZ^095250LR*	9.5	4.75	25	2	1000
PHZ^095500LR*	9.5	4.75	50	1	500
PHZ^127125LR*	12.7	6.4	12.5	4	2000
PHZ^127250LR*	12.7	6.4	25	2	1000
PHZ^127500LR*	12.7	6.4	50	1	500
PHZ^190125LR*	19	9.5	12.5	4	2000
PHZ^190250LR*	19	9.5	25	2	1000
PHZ^190500LR*	19	9.5	50	1	500
PHZ^254250LR*	25.4	12.7	25	2	600
PHZ^254500LR*	25.4	12.7	50	1	300
PHZ^381500LR*	38.1	19	50	1	100

S1 – 1 Prescore, S2 – 2 Prescore

* = Colour (4=Yellow, 9=White)   Recommended ribbon: 2020 series

MK10-SQUIX

MK10-DH

EOS2

EOS5

RIBBONS

HEAT SHRINK

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ET - PRINTABLE HEAT SHRINK SLEEVES (EXTREME TEMPERATURE)
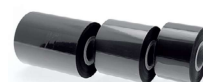
+ INFORMATION

ET - **E**xtreme **T**emperature Printable Heat Shrink Sleeves

Very flexible, high temperature rated, highly flame retardant, heat shrinkable tubing (2:1 shrink ratio). Flexible polyvinylidene flouride sleeves used for wire identification. Suitable for use in applications where extreme temperatures and harsh chemicals can be found.

+ Flame Retardant to UL224 VW-1

+ Self Extinguishing

+ Meets requirements of SAE-DTL-23053/18

+ Easy Pick Application

+ Backing card perforated after every sleeve

+ Print performance to Military Specifications

+ RoHS and REACH Compliant

+ SPECIFICATIONS

Temperature range
-55°C to +225°C

Material
flexible polyvinylidene flouride

Print
thermal transfer

Standard colours
white

Shrink ratio
2:1

Certified and issued to:
SAE-AMS-DTL-23053/18
UL224 VW-1 Flammability

Print performance to military specifications
Adherence: SAE-AS5942
Fluid Resistance: MIL202G Method 215J

+ PROPERTIES

PROPERTY	VALUE
Continuous Operating Temperature	-55°C to +225°C
Heat Ageing (225°C x 168h)	Pass no cracking
Heat Shock (275°C x 4h)	No cracking, flowing or dripping
Min. Shrink Temp. for full Recovery	+150°C (starts at 110°C)
Longitudinal Change	+0%, -10% Max.
Tensile Strength	24.0 MPa Min.
Elongation at Break	200% Min.
Water Absorption	0.10% Max.
Flammability	UL 224 VW1
Dielectric Strength	20kV/mm Min.

PROSLEEVE - ET
EXTREME TEMPERATURE PERFORMANCE

TYPE	DIAMETER [mm] BEFORE SHRINKING	DIAMETER [mm] AFTER SHRINKING	SLEEVE LENGTH [mm]	MARKERS ACCROSS	MARKERS / BOX
ETD024125LR9	2.4	1.2	12.5	4	4000
ETD024250LR9	2.4	1.2	25	2	2000
ETD024500LR9	2.4	1.2	50	1	1000
ETD032125LR9	3.2	1.6	12.5	4	4000
ETD032250LR9	3.2	1.6	25	2	2000
ETD032500LR9	3.2	1.6	50	1	1000
ETD048125LR9	4.8	2.4	12.5	4	4000
ETD048250LR9	4.8	2.4	25	2	2000
ETD048500LR9	4.8	2.4	50	1	1000
ETD064125LR9	6.4	3.2	12.5	4	4000
ETD064250LR9	6.4	3.2	25	2	2000
ETD064500LR9	6.4	3.2	50	1	1000
ETD095125LR9	9.5	4.75	12.5	4	2000
ETD095250LR9	9.5	4.75	25	2	4000
ETD095500LR9	9.5	4.75	50	1	500
ETD127125LR9	12.7	6.4	12.5	4	2000
ETD127250LR9	12.7	6.4	25	2	4000
ETD127500LR9	12.7	6.4	50	1	500
ETD190125LR9	19.0	9.5	12.5	4	2000
ETD190250LR9	19.0	9.5	25	2	4000
ETD190500LR9	19.0	9.5	50	1	500
ETD254250LR9	25.4	12.7	25	2	600
ETD254500LR9	25.4	12.7	50	1	300
ETD381500LR9	38.1	19.0	50	1	100

Recommended ribbon: HT series

MK10-SQUIX

MK10-DH

EOS2

EOS5

RIBBONS

HEAT SHRINK

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PT+ / PTZ+ - CLOSED MARKER SLEEVE
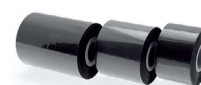
+ INFORMATION

- + PA type sleeve with oval, transparent pocket for PFC and PP+ profile.
- + Specially designed pocket protects the label from damage and keeps it in place.
- + PFC or PP+ may be inserted both before or after application of the marker.
- + Four sizes with the same pocket size cover most cable diameters.
- + Help to reduce inventory and reduce cost of marking.
- + Also available in Halogen free material (PTZ+).

+ PROPERTIES

Temperature range
PT+: -30℃ to +60℃
PTZ+: -30℃ to +90℃

Material
PT+: PVC
PTZ+: ZEREX

+ RELATED PRODUCTS

PP+
▶ PAGE 84

PFC
▶ PAGE 85

+ APPLICATION

WIRE MARKERS

PT+20030K

PT+
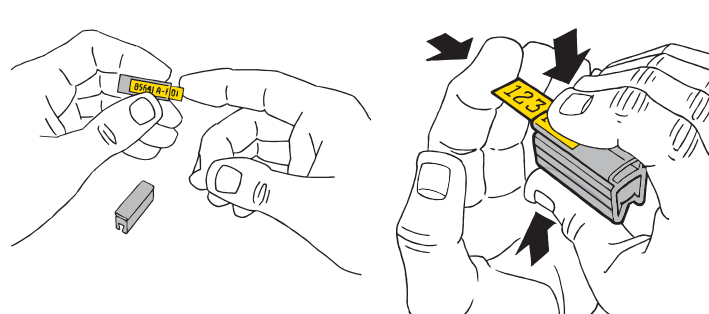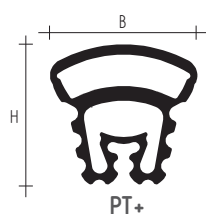
TYPE	LENGTH [mm]	WIDTH [B mm]	HEIGHT [H mm]
PT+02	12/15/18/21/30	5.0	5.0
PT+10	12/15/18/21/30	5.0	7.0
PT+20	12/15/18/21/30	6.0	10.0
PT+30	12/15/18/21/30	10.0	19.0

TYPE	DIAMETER / AREA*	LENGTH	SUITABLE TAG	PACKAGING	
PT+02/PTZ+02	~1.3 - 3.0 mm 0.5 to 0.75 mm²	12 mm 15 mm 18 mm 21 mm 30 mm	PFC042 / PP+046		pack of 200 pcs.
PT+10/PTZ+10	~2.5 - 5.0 mm 0.75 to 4.0 mm²	12 mm 15 mm 18 mm 21 mm 30 mm	PFC042 / PP+046		pack of 200 pcs.
PT+20/ PTZ+20	~4.0 - 10.0 mm 2.5 to 10.0 mm²	12 mm 15 mm 18 mm 21 mm 30 mm	PFC042 / PP+046		pack of 100 pcs.
PT+30/ PTZ+30	~8.0 - 16.0 mm 16.0 to 50.0 mm²	12 mm 15 mm 18 mm 21 mm 30 mm	PFC042 / PP+046		pack of 50 pcs.

* Size shown refers to BS6231 tri-rated cable.

WIRE MARKERS

+ INFORMATION

+ Open marker sleeve with label pocket for snap on mounting on cables and wires.

+ Flexible mounting of holder sleeve before or after connection of wire or cable.

+ Fast insertion of marker tag by light pressure on top of pocket.

+ The marker sleeve is secured by stiff barbs but is still readjustable.

+ PROPERTIES

Temperature range
-30°C to +60°C

Material
PVC non-flammable, self-extinguishing according to UL94-V0

+ RELATED PRODUCTS

PP+
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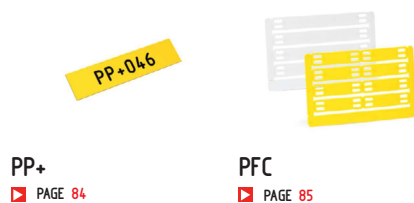
PFC
▶ PAGE 85

+ APPLICATION
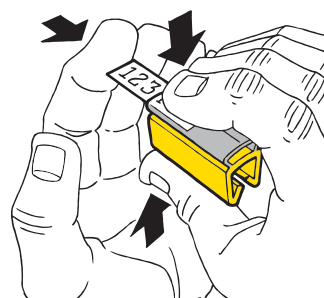
PTC10021A4
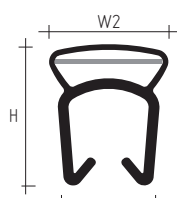
TYPE	HEIGHT [H mm]	WIDTH [W mm]	WIDTH [W2 mm]
PTC-10	5.4	3.7	4.6
PTC-20	6.5	4.5	4.6
PTC-30	7.8	5.7	4.6
PTC-40	9.3	6.9	4.6
PTC-50	10.8	8.2	4.6

+ | SIZES AND PACKAGING

TYPE	DIAMETER / AREA	LENGTH	SUITABLE TAG	PACKAGING	
PTC10	~2.4 - 3.0 mm ~0.5 - 1.5 mm^2	15 mm 21 mm 30 mm	PFC042 or PP+046		pack of 200 pcs.
PTC20	~3.0 - 4.0 mm ~1.5 - 2.5 mm^2	15 mm 21 mm 30 mm	PFC042 or PP+046		pack of 200 pcs.
PTC30	~4.0 - 5.0 mm ~2.5 - 4.0 mm^2	15 mm 21 mm 30 mm	PFC042 or PP+046		pack of 200 pcs.
PTC40	~5.0 - 6.2 mm ~4.0 - 6.0 mm^2	15 mm 21 mm 30 mm	PFC042 or PP+046		pack of 100 pcs.
PTC50	~6.0 - 7.2 mm ~6.0 - 10.0 mm^2	15 mm 21 mm 30 mm	PFC042 or PP+046		pack of 100 pcs.

* Size shown refers to BS6231 tri-rated cable.

WIRE MARKERS

PM - MARKER SLEEVE FOR CABLES

M2   M3

+ INFORMATION

+ Transparent holder for marking cables with labels PFC-card or PP+ profile.

+ Four lengths, three widths and endless profiles cover most cable marking demands.

+ Can be installed on cables with very large diameters (depending on the length of the cable tie).

+ The label is easily inserted into the holder, which ensures quick installation.

+ Holder protects the label from damage.

+ PROPERTIES

Temperature range
-30℃ to +60℃

Material
PVC

PM-20066AN
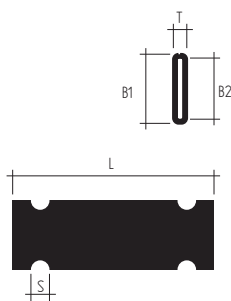
TYPE	LENGTH [L mm]	WIDTH [B1 mm]	WIDTH HOLE [S mm]	PACKAGING	
PM 10/33	33	6.0	3.0		100 pcs.
PM 20/33	33	11.3	3.0		100 pcs.
PM 20/66	66	11.3	3.0		50 pcs.
PM 24/66	66	13.9	3.9		50 pcs.

+ APPLICATION
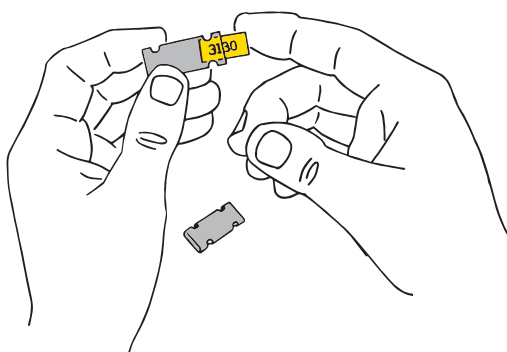
+ MARKER TAGS

TYPE	MARKER TAG
PM 10/33	PP+046 / PFC042
PM 20/33	PFC9518 / PFC7533 / PP+090
PM 20/66	PFC7533 / PP+090
PM 24/66	PROMARK-PL120, PP+090, 2 x PFC09518

+ RELATED PRODUCTS

PP+
▶ PAGE 84

PFC
▶ PAGE 85

HFC
▶ PAGE 95

CABLE MARKERS

PTM - MARKER SLEEVE FOR CABLES

M2 | **M3**

+ INFORMATION

+ Transparent sleeve for cable marking.
+ Used for PFC and PP+profile
+ The marker tag is easily inserted to the holder, which ensures quick installation and protection from harmful external factors.
+ Fitting and fastening with cable ties.

+ PROPERTIES

Temperature range
-30°C to +60°C

Material
PVC

PTM10030K
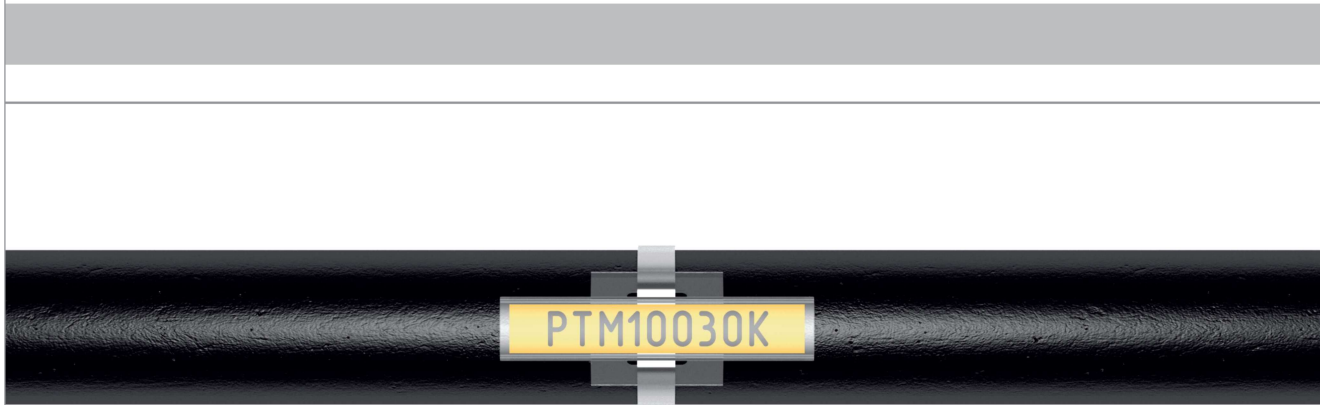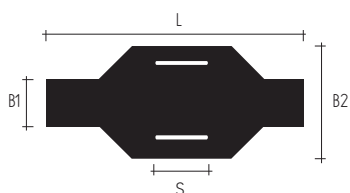
TYPE	LENGTH [L mm]	WIDTH [B1 mm]	WIDTH HOLE [S mm]	PACKAGING	
PTM 10/23	23	6.0	5.0		500 pcs.
PTM 10/30	30	6.0	5.0		500 pcs.
PTM 20/20	20	11.0	5.0		500 pcs.

APPLICATION
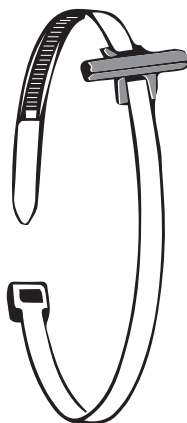
MARKER TAGS

TYPE	MARKER TAG
PTM 10/23	PP+046, PFC04221
PTM 10/30	PP+046, PFC04230
PTM 20/20	PP+090, PFC09518

RELATED PRODUCTS

PP+
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PFC
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HFC
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CABLE MARKERS

PPQ - FLAT CABLE MARKER

PPQ+19080DN4

PPQ+10080DN4

PPQ+10040DN4

+ INFORMATION

+ Flat cable marker with pre-punched holes
+ Easy to mount on the cable with cable ties
+ Very durable and fast print with printer MK10-SQUIX or MK10-DH, up to 2000 markers per hour .
+ Also available pre-printed according to customer specifications.
+ Flexible material which neatly forms to the cable
+ Adjustable font size gives the ability to have up to 5 lines of text

+ SPECIFICATIONS

+ PPQ + is a flat profile with pre-punched holes. The profile is supplied on reels and have fixed lengths. PPQ+ can be printed on the MK-10 or EOS2 printers, or can be ordered pre-printed according to customer specifications.
+ Profile to be printed on the MK10-SQUIX or EOS2 printers is supplied on 20 meter reels containing between 300 and 500 markers.

+ PROPERTIES

Temperature range
Temperature range: -20°C to +60°C (-4°F to +140°F)
Storage temperature: +10°C to +27°C (+32°F to 81°F) < 95% Rh

Material
Soft PVC

Print
thermal transfer

Resistance
self-extinguishing to UL94-V0
excellent service life and resistance to UV radiation and chemicals.

Standard colours
yellow and white

+ RELATED PRODUCTS

MK10-SQUIX	EOS2	EOS5	HFC	RIBBONS
▶ PAGE 108	▶ PAGE 104	▶ PAGE 106	▶ PAGE 95	▶ PAGE 81

PARTEX
PPQ+19060DN4
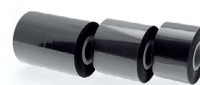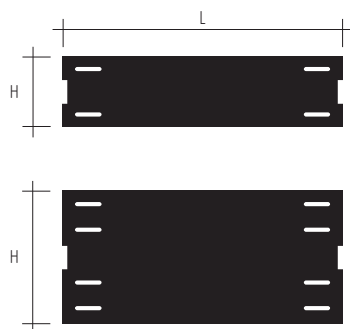
TYPE	HEIGHT [H mm]	LENGTH [L mm]	PACKAGING
PPQ+10040DN*	10 mm	40 mm	20 m
PPQ+10060DN*	10 mm	60 mm	20 m
PPQ+10080DN*	10 mm	80 mm	20 m
PPQ+19040DN*	19 mm	40 mm	20 m
PPQ+19060DN*	19 mm	60 mm	20 m
PPQ+19080DN*	19 mm	80 mm	20 m
PPQ+38060DN*	38 mm	60 mm	20 m
PPQ+38080DN*	38 mm	80 mm	20 m
PPQ+38100DN*	38 mm	100 mm	20 m
PPQ+50080DN*	50 mm	80 mm	20 m
PPQ+50100DN*	50 mm	100 mm	20 m

* - product is available in two colors: **yellow (4) white (9)**

POWER CABLE
AN-600238 Rev A
2013   Serial No 01

CMZ - ZERO HALOGEN CABLE MARKERS

M2 | 123
M3 | 123

+ INFORMATION

CMZ - Zero Halogen and Flame Retardant

The CMZ cable marker is extremely strong with high tear strength properties. They are zero halogen and UL94 V-0 rated. They will not break down in reaction to water, and are resistant to bacterial attacks. They are UV stable and suitable for use in harsh chemical environments.

+ Zero halogen

+ UV stable print quality

+ High tear strength

+ Print performance to military requirements

+ Flame retardant

+ High degree of mark permanence

+ RoHS and REACH Compliant Thermal printed

+ SPECIFICATIONS

Temperature range
Operating Temperature -25°C to +80°C

Material
Thermoplastic polyether polyurethane

Print performance
Mark permanence: MIL-M 81531 AS
Fluid resistance: MIL-STD-202G test method 215 2002
Enhanced fluid test beyond MIL-202G

Standard colours
yellow, white and red

Resistance:
Raw material is rated V-0 according to UL94

+ DIMENSIONS I PACKAGING

TYPE	MARKER SIZE	TEXT AREA	PACK QUANTITY
CMZ060010LR*	60x10 mm	40x10 mm	1450 pcs
CMZ075015LR*	75x15 mm	55x15 mm	1100 pcs
CMZ090025LR*	90x25mm	70x25 mm	750 pcs

* = **Colour** (**2**=Red, **4**=Yellow, **9**=White)   Recommended ribbon: 510 series

+ RELATED PRODUCTS

MK10-SQUIX
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EOS2
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EOS5
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HFC
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RIBBONS
▶ PAGE 81

+ INFORMATION

CMM - Military Grade

The CMM cable maker is made from flame retardant polyolefin material. They have excellent UV, chemical and mechanical resistance and provide print adhesion to MIL. Spec standards.

+ UV stable print quality

+ Print Quality to Mil. Spec Standards Thermal printed

+ Flame retardant

+ RoHS and REACH Compliant

+ SPECIFICATIONS

Temperature range
Operating Temperature -55℃ to +135℃

Material
Polyolefin Sheet

Print performance
Adherence: SAE-AS5942
Fluid resistance: MIL202 Method 215K

Standard colours
yellow, white

Resistance:
Flame retardant to: NF F00-608 type H & NF C32-070

Certified and Issued to:
SAE-AMS-DTL-23053/6 class 1

+ DIMENSIONS I PACKAGING

TYPE	MARKER SIZE	TEXT AREA	PACK QUANTITY
CMM060010LR*	60x10 mm	40x10 mm	1450 pcs
CMM075015LR*	75x15 mm	55x15 mm	1100 pcs
CMM090025LR*	90x25mm	70x25 mm	750 pcs

* = **Colour** (**4**=Yellow, **9**=White)   Recommended ribbon: 2020 series

+ RELATED PRODUCTS

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RIBBONS
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CABLE MARKER

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CMD - DIESEL RESISTANT CABLE MARKERS

1 2 3 M2 **1 2 3 M3**

+ INFORMATION

CMD - Diesel Specification

The CMD cable maker is a flame retardant marker designed to survive exposure to diesel, organic fluids and oils for long periods at high temperatures, and are ideal for mass transit applications. they are UV stable and provide print adhesion to MIL. Spec standards.

+ UV stable print quality

+ Diesel Resistant

+ Print Quality to Mil. Spec Standards Thermal printed

+ Flame retardant

+ Meets UL 125C, 300V

+ RoHS and REACH Compliant

+ SPECIFICATIONS

Temperature range
Operating Temperature -55℃ to +135℃

Material
Polyolefin

Print performance
Adherence: SAE-AS5942
Fluid resistance: MIL202 Method 215K

Standard colours
yellow, white

Resistance:
Flame retardant

Certified and Issued to:
SAE-AMS-DTL-23053/6 class 1
SNCF Spec. NF-F00-608 type H

+ DIMENSIONS I PACKAGING

TYPE	MARKER SIZE	TEXT AREA	PACK QUANTITY
CMD060010LR*	60x10 mm	40x10 mm	1450 pcs
CMD075015LR*	75x15 mm	55x15 mm	1100 pcs
CMD090025LR*	90x25mm	70x25 mm	750 pcs

* = **Colour** (**4**=Yellow, **9**=White)   Recommended ribbon: 2020 series

+ RELATED PRODUCTS

MK10-SQUIX
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PROSLEEVE - CML
EXTENDED FIRE SPECIFICATION

+ INFORMATION

CML - Extended Fire Specification

The CML cable maker is made from zero halogen, low toxicity, radiation cross-linked UV stabilised polyolefin. This material has been approved for LUL for use on mass transit applications. It features extended fire safety and low smoke properties.

+ Zero halogen

+ UV stable print quality

+ London Underground Approval

+ Print Quality to Mil. Spec Standards

+ Thermal printed

+ Flame retardant

+ Low Smoke

+ Self Extinguishing

+ RoHS and REACH Compliant

+ SPECIFICATIONS

Temperature range
Operating Temperature -40°C to +105°C (175°C short periods)

Material
Cross-linked UV Stabilised Polyolefin

Print performance
Adherence: NF F 16-101
Fluid resistance: NF F 16-1-1

Standard colours
yellow, white

Resistance:
Self Extinguishing to UL94-V0

Certified and Issued to:
BS 4G198, Part 3, Type 15
Def Stan 59-97, Type 8
LUL 1-085
BS6853 Cat. 1a
LUL 2-01001-002 (E1042A6)

+ DIMENSIONS I PACKAGING

TYPE	MARKER SIZE	TEXT AREA	PACK QUANTITY
CML60010LR*	60x10 mm	40x10 mm	1450 pcs
CML75015LR*	75x15 mm	55x15 mm	1100 pcs
CML90025LR*	90x25mm	70x25 mm	750 pcs

* = **Colour** (**4**=Yellow, **9**=White)   Recommended ribbon: 2020 series

+ RELATED PRODUCTS

MK10-SQUIX	EOS2	EOS5	HFC	RIBBONS
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CABLE MARKER

65

CMT - ZERO HALOGEN CABLE MARKERS
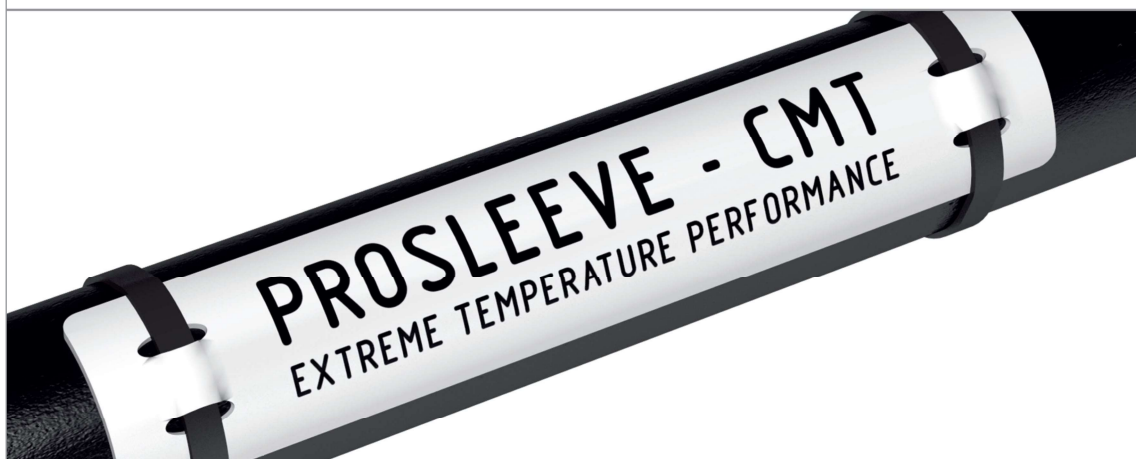
+ INFORMATION

CMT - Extreme Temperature

The CMT cable maker is made from highly flame retardant, self extinguishing material, and has excellent chemical and mechanical properties, and is UV stable.

- + UV stable print quality
- + Print Quality to Mil. Spec Standards
- + RoHS and REACH Compliant
- + Flame retardant
- + Self Extinguishing
- + Thermal printed

+ SPECIFICATIONS

Temperature range
Operating Temperature -55℃ to +225℃

Material
Polyvinylidene flouride

Print performance
Adherence: SAE-AS5942
Fluid resistance: MIL202 Method 215K

Standard colours
white

Resistance:
Flame retardant to: UL224 VW-1

Certified and Issued to:
SAE-AMS-DTL-23053/18

+ DIMENSIONS I PACKAGING

TYPE	MARKER SIZE	TEXT AREA	PACK QUANTITY
CMT060010LR9	60x10 mm	40x10 mm	1450 pcs
CMT075015LR9	75x15 mm	55x15 mm	1100 pcs
CMT090025LR9	90x25mm	70x25 mm	750 pcs

Recommended ribbon: HT series

+ RELATED PRODUCTS

MK10-SQUIX

EOS2

EOS5

HFC

RIBBONS

PKS - STAINLESS STEEL CABLE MARKERS

M1 M2

+ INFORMATION

+ Complete marking system for cables, pipes and components.

+ Single-character and multi-character markers which can be combined on site.

+ Enhanced durability and top quality for use in extreme conditions.

+ Easy to install with steel cable ties.

+ PROPERTIES
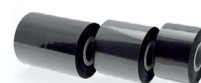
Temperature range
Extreme conditions

Material
Stainless steel equivalent to AISI 316

Print
embossed

PKS10080S

TYPE	DESCRIPTION	NUMBER OF CHARACTERS	LENGTH [L mm]	HEIGHT [W mm]	SLOT WIDTH [SW mm]	QUANTITY IN PACK	
PKS10006PP	single character: A-Z, and 0-9, + - / . : ~ ⏚	-	5.5	10.9	4.8		50 pcs.
PKS10040*	47 mm carrier strip	6	47.0	10.3	4.8		50 pcs.
PKS10060*	65 mm carrier strip	9	65.0	10.3	4.8		50 pcs.
PKS10080*	87 mm carrier strip	13	87.0	10.3	4.8		50 pcs.
PKS10100*	107 mm carrier strip	17	109.0	10.3	4.8		50 pcs.
PKS10120*	128 mm carrier strip	20	128.0	10.3	4.8		50 pcs.

* S = slot, H = hole (e.g. PKS10040S or PKS10040H)
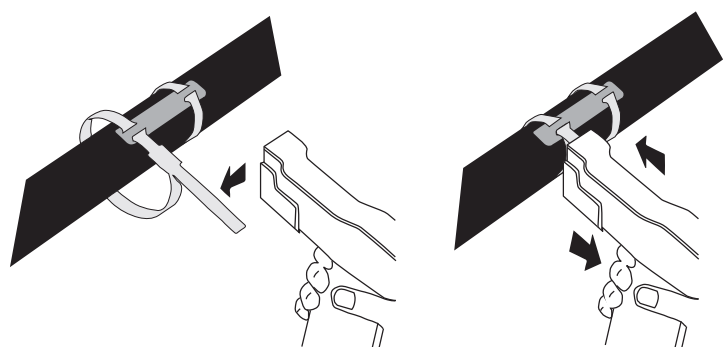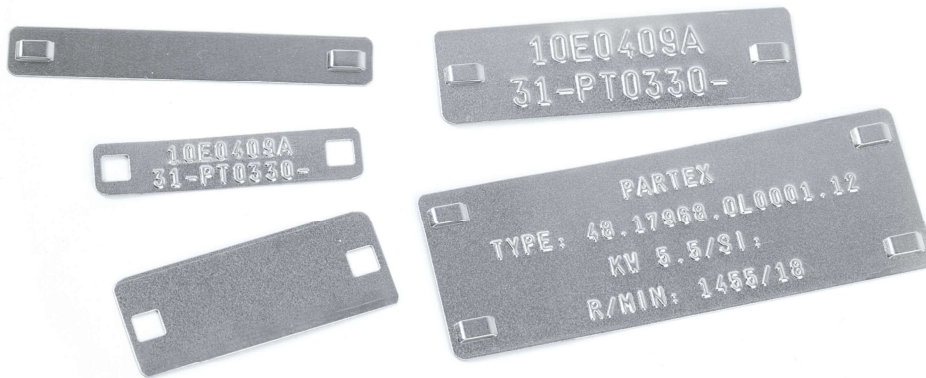
SLOT VERSION (S)

HOLE VERSION (H)

SST
▶ PAGE 98

SSTC
▶ PAGE 99

STAINLESS STEEL CABLE MARKERS

PKS - MULTICHARACTER STAINLESS STEEL CABLE MARKER

+ INFORMATION

+ Brushed stainless steel equivalent to AISI 316

+ Works in extreme conditions

+ Resistant to fire, water, moisture and corrosion

+ Brushed surface reduces light reflection (torch effect)

+ Mounted with cable ties, screws or rivets

+ PROPERTIES

Temperature range
extreme condtitions

Material
AISI 316 stainless steel

Print
embossed

Packaging
sorted on adhesive tape

PKS10080S

TYPE	HEIGHT [mm]	LENGTH [L mm]	SLOT WIDTH [SW mm]	NUMBER OF FITTINGS	TEXT HEIGHT	MAX NO OF LINES *
PKS10	10	50, 70, 90, 110, 130	4,8	single 2 x 1	3,2 / 5,5	2
PKS19	19	50, 70, 90, 110, 130	4,8	single 2 x 1	3,2 / 5,5	3
PKS25	25,4	50, 70, 90, 110, 130	4,8	single 2 x 1	3,2 / 5,5	4
PKS32	32	50, 70, 90, 110, 130	4,8	double 2 x 2	3,2 / 5,5	4
PKS38	38	50, 70, 90, 110, 130	4,8	double 2 x 2	3,2 / 5,5	4

* depending on the size of the font

SINGLE (2x1)

DOUBLE (2x2)
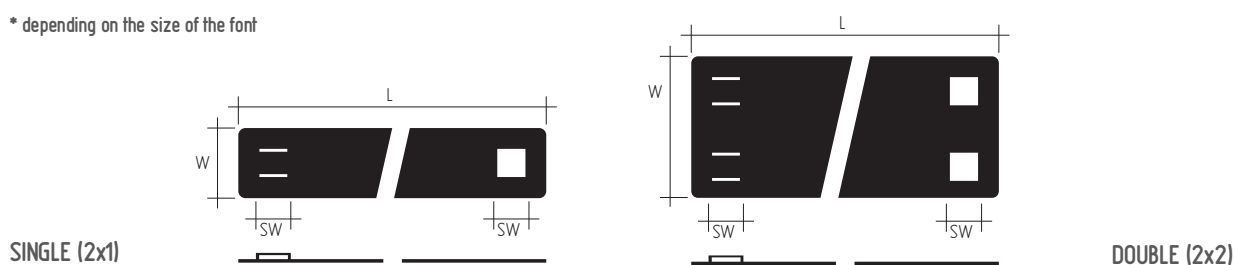
MAXIMUM NUMBER OF CHARACTERS PER LINE

LENGTH	TEXT HEIGHT [5,5 mm]	TEXT HEIGHT [3,2 mm]
50	8	11
70	13	18
90	18	26
110	23	33
130	28	41

POWER CABLE
AN-G00333 REV B
2014
SERIAL NO 05

RELATED PRODUCTS

SST

SSTC

APPLICATION

STAINLESS STEEL CABLE MARKERS

PKS - ENGRAVED STAINLESS STEEL CABLE MARKER

123
M2

DANGER
EXPLOSIVES

PARTEX
MARKING SYSTEMS

CIRCUIT REF: Lift Isolator
CABLE SIZE: 95mm 4 Core XLPE/SWA/LSF
SUPPLYING: Lift Supply TP&N

PARTEX
MARKING SYSTEMS

DANGER
400 Volts

+ INFORMATION

+ Brushed stainless steel equivalent to AISI 316

+ Works in extreme conditions

+ Resistant to fire, water, moisture and corrosion

+ Brushed surface reduces light reflection (torch effect)

+ Mounted with cable ties, screws or rivets

+ Bar codes, symbols and logos can be engraved

+ PROPERTIES

Temperature range
extreme condtitions

Material
AISI 316 stainless steel

Print
laser engraved

Packaging
sorted into bags

PKS10080S

+ DIMENSIONS

TYPE	HEIGHT [mm]	LENGTH [L mm]	SLOT WIDTH [SW mm]	NUMBER OF FITTINGS*
PKS10	10	50, 70, 90, 110, 130	4,8	single 2 x 1
PKS19	19	50, 70, 90, 110, 130	4,8	single 2 x 1
PKS25	25,4	50, 70, 90, 110, 130	4,8	single 2 x 1
PKS32	32	50, 70, 90, 110, 130	4,8	double 2 x 2
PKS38	38	50, 70, 90, 110, 130	4,8	double 2 x 2

* deep slots for nylon ties, or square holes for screws/rivits. Please specify when ordering.

SINGLE (2x1)

DOUBLE (2x2)
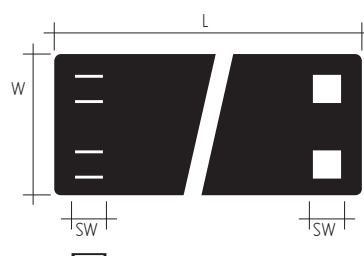
+ RELATED PRODUCTS

SST
▶ PAGE 98

SSTC
▶ PAGE 99

+ APPLICATION
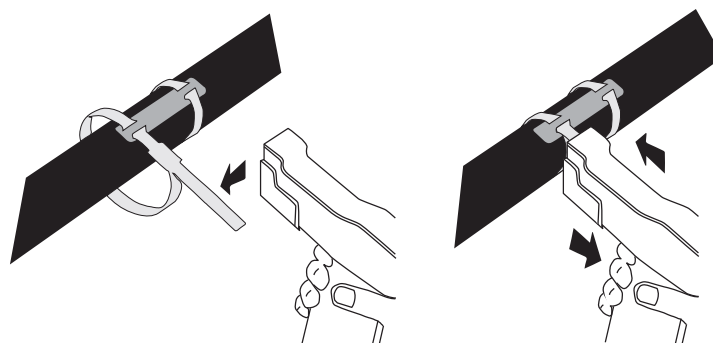
TIE TAG - WRITE ON CABLE MARKER

+ INFORMATION

+ A simple and cost effective way of identifying cables.

+ Available in a range of colours and sizes.

+ Can be secured with any Partex cable tie up to 4.8mm width.

+ DIMENSIONS

TYPE	OVERALL LENGTH	WRITABLE LENGTH	WIDTH	PACKAGING	
TIETAG60*	60 mm	27 mm	9.5 mm		pack of 100 pcs.
TIETAG82*	82 mm	50 mm	9.5 mm		pack of 100 pcs.
TIETAG110*	110 mm	75 mm	9.5 mm		pack of 100 pcs.
TIETAG152*	152 mm	117 mm	9.5 mm		pack of 100 pcs.

* Available in white or yellow, specify colour when ordering.
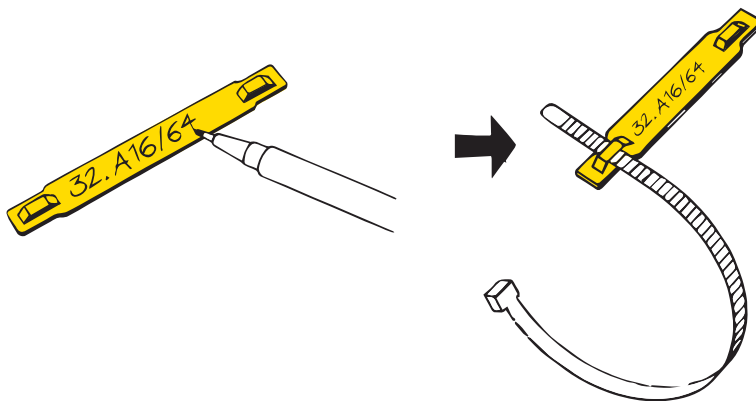
+ APPLICATION

+ Marker pen with fine tip.

+ Perfect for writing on clean flat surfaces.

+ The ink reacts with the material to make the text waterproof and resistant to abrasion.

+ PROPERTIES AND DIMENSIONS

TYPE	LENGTH [mm]	THICKNESS TIP	COLOR
TIE PEN	140	fine	black

123
M2
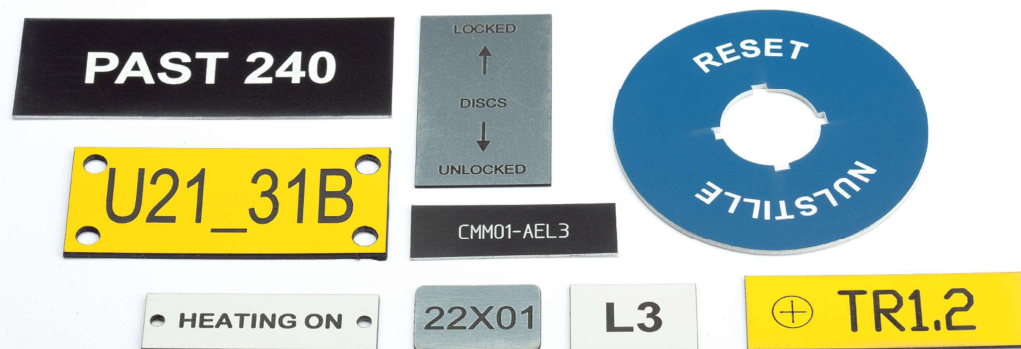
+ High quality laser engraved plates

+ Produced from your drawings or online

+ Available either plain or with self-adhesive backing

+ Choose between different hole types

+ Material thickness either 0.8, 1.6 or 3.0 mm

+ Maximum label size 600x600 mm

+ Full colour printing onto the engraved plates is also available.

+ | PROPERTIES

Temperature range
-40°C to +70°C

Material
acrylic laminate

Engraving
CO_2 laser

Colors (plate / text)

123	black / white
123	white / black or red
123	red / white
123	blue / white
123	yellow / black
123	green / white

+ | PE-P 1.6 mm

OUR STANDARD SEMI-RIGID MATERIAL WHICH IS IDEAL FOR MOST APPLICATIONS.
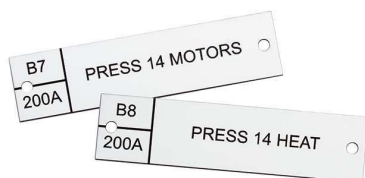
+ | PE-P 0.8 mm

A FLEXIBLE MATERIAL WHICH IS SUITABLE FOR PRODUCING SMALL LEGEND PLATES.

SSR1	PS1	R1	SSR1	PS1	R1
SSR1	PS1	R1	SSR1	PS1	R1
SSR1	PS1	R1	SSR1	PS1	R1
SSR1	PS1	R1	SSR1	PS1	R1
SSR1	PS1	R1	SSR1	PS1	R1
SSR1	PS1	R1	SSR1	PS1	R1

+ | PE-P 3.0 mm

A THICKER MATERIAL WHICH IS IDEAL FOR APPLICATIONS WHERE STRENGTH AND RIGIDITY ARE REQUIRED.

BOILER TEMPERATURE

FIRE STATUS

FIRE CONDITION

EXTRACT FAN STATUS

FAN AVAILABLE   FAN RUNNING   FAN FAULT
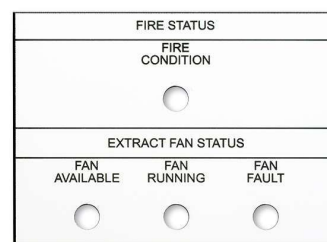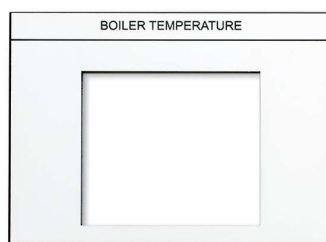
+ | SSDT - DOG TAGS

ENGRAVED STAINLESS STEEL DISCS AND CHAINS, IDEAL FOR INDUSTRIAL APPLICATIONS.

TYPE	DESCRIPTION	PACKAGING
SSDT-25	316 Stainless steel dog tag with M4 hole. 25mm Diameter; 0.8mm thick.	1 pcs
SSDT-50	316 Stainless steel dog tag with M4 hole. 50mm Diameter; 0.8mm thick.	1 pcs
Q43	316 Stainless steel No3 bead chain and connector; 150mm long.	1 pcs

Valve 25

+ INTRODUCTION

+ To complement our hugely successful Laser Engraving Service, Partex are able to offer high quality printed polypropylene labels at extremely competitive prices, produced in house at our Coleshill manufacturing facility.

+ In addition to the standard labels shown in the following pages, we are also able to produce bespoke labels to your design. We offer a very quick turnaround for both short and long runs of labels. There are no set-up charges.

+ We can offer either;
- Our SL range of thermally printed labels with black text or symbols on a high visibility yellow background, this durable range of labels is ideal for warning and danger labels.
- Our CL range of glossy white labels are printed using a state of the art Memjet printer which can reproduce full colour photo quality labels in a wide variety of sizes.

+ Both types of label are made from strong polypropylene material which will not tear or stretch out of shape when applied.
They are backed with a strong permanent adhesive which will even adhere to irregular surfaces and is resistant to water, oil and many chemicals.

+ INFORMATION

+ A wide range of durable thermal or colour printed labels.

+ Easy to apply non-tear material.

+ Resistant to water, oil and chemicals.

+ Good adhesion to irregular surfaces.

+ Colour labels produced using latest MemJet technology.

+ In addition to our standard catalogue range we are able to produce special labels to suit customers requirements.

+ PROPERTIES

Temperature range
-10°C to +80°C

Material
Gloss finish Polypropylene
Permanent adhesive

Reach & RoHS compliant

+ ARTICLE NUMBER

S L 5 0 2 5 D 1 1 0 R 2 5 0

1   2   3   4

1. Product series
   SL = Standard thermal Label yellow/black
   CL = full Colour Label

2. Label size
   eg: 5025 = 50 x 25 mm
        8035 = 80 x 35mm

3. Description
   eg: D110 = Danger 110 Volts
        HV = High Voltage

4. Packaging
   B10 (bag of 10)
   R50 (roll of 50)
   R250 (roll of 250)
   R500 (roll of 500)

STANDARD LABELS

+ 50x25 mm

DANGER 110 VOLTS
SL5025D110

DANGER 115 VOLTS
SL5025D115

DANGER 230 VOLTS
SL5025D230

DANGER 240 VOLTS
SL5025D240

DANGER 380 VOLTS
SL5025D380

DANGER 400 VOLTS
SL5025D400

DANGER 415 VOLTS
SL5025D415

DANGER 440 VOLTS
SL5025D440

DANGER LIVE TERMINALS
SL5025DLT

DANGER ISOLATE ELSEWHERE
SL5025DIE

WARNING ISOLATE SUPPLY BEFORE OPENING COVER
SL5025WIS

SAFETY ELECTRICAL CONNECTION DO NOT REMOVE
SL5025SEC

+ | 50x50 mm

DANGER
110 VOLTS
SL5050D110

DANGER
115 VOLTS
SL5050D115

DANGER
230 VOLTS
SL5050D230

DANGER
240 VOLTS
SL5050D240

DANGER
380 VOLTS
SL5050D380

DANGER
400 VOLTS
SL5050D400

DANGER
415 VOLTS
SL5050D415

DANGER
440 VOLTS
SL5050D440

DANGER
LIVE TERMINALS
SL5050DLT

SL5050DT

DANGER 110 VOLTS
SL8035D110

DANGER 115 VOLTS
SL8035D115

DANGER 230 VOLTS
SL8035D230

DANGER 240 VOLTS
SL8035D240

DANGER 380 VOLTS
SL8035D380

DANGER 400 VOLTS
SL8035D400

DANGER 415 VOLTS
SL8035D415

DANGER 440 VOLTS
SL8035D440

DANGER HIGH VOLTAGE
SL8035DHV

DANGER LIVE TERMINALS
SL8035DLT

DANGER LIVE BUSBARS
SL8035DLB

WARNING ISOLATE SUPPLY BEFORE OPENING COVER
SL8035WIS

DANGER ISOLATE ELSEWHERE
SL8035DIE

Main Switch
SL8035MS

CAUTION Hot Water
SL8035CHW

DANGER Moving machinery Risk of trapped hand/fingers
SL8035DMM

DO NOT SWITCH OFF
CL8035RPS

COMPUTER DO NOT SWITCH OFF
CL8035RPC

SL/CL DANGER, WARNING AND PAT TEST LABELS

+ | 75x50 mm

DANGER 110 VOLTS	**DANGER** 115 VOLTS	**DANGER** 230 VOLTS	**DANGER** 240 VOLTS	**DANGER** 380 VOLTS
SL7550D110	SL7550D115	SL7550D230	SL7550D240	SL7550D380

DANGER 400 VOLTS	**DANGER** 415 VOLTS	**DANGER** 440 VOLTS	**DANGER OF DEATH**	**HIGH VOLTAGE**
SL7550D400	SL7550D415	SL7550D440	SL7550DD	SL7550HV

CAUTION Hot Water
SL7550CHW

Danger Moving machinery Risk of trapped hand/fingers
SL7550DMM

CAUTION
This installation has wiring to two versions of BS 7671.

Great care should be taken before undertaking extension, alteration or repair that all conductors are correctly identified.
SL7550CBS

⚠ **IMPORTANT**
Please note that the wiring of this installation conforms to the new IEE wiring regulations amendment No.2 to BS 7671:2001.

Any additions to the installation must conform to the above regulations.
SL7550IBS

CAUTION Hot Water
CL7550CHW

Danger Moving machinery Risk of trapped hand/fingers
CL7550DMM

This installation, or part of it, is protected by a device which automatically switches off the supply if an earth fault develops. Test quarterly by pressing the button marked 'T' or 'TEST'.
The device should switch off the supply and should be switched on to restore the supply. If the device does not switch off the supply when the button is pressed, seek expert advice.
CL7550TEST

IMPORTANT
This installation, or part of it, is protected by a device which automatically switches off the supply if an earth fault develops. Test six-monthly by pressing the button marked 'T' or 'TEST'. The device should switch off the supply and should be switched on to restore the supply. If the device does not switch off the supply when the butten is pressed, seek expert advice.

IMPORTANT
THIS INSTALLATION SHOULD BE PERIODICALLY TESTED AND INSPECTED AND A REPORT ON ITS CONDITION OBTAINED, AS PRESCRIBED IN THE REGULATIONS FOR ELECTRICAL INSTALLATIONS ISSUED BY THE INSTITUTE OF ELECTRICAL ENGINEERS.

DATE OF LAST INSPECTION...............................
RECOMMENDED DATE OF
NEXT INSPECTION...
CL7550IID

+ 75x50 mm

DANGER
110 VOLTS
CL7550D110

DANGER
115 VOLTS
CL7550D115

DANGER
230 VOLTS
CL7550D230

DANGER
240 VOLTS
CL7550D240

DANGER
380 VOLTS
CL7550D380

DANGER
400 VOLTS
CL7550D400

DANGER
415 VOLTS
CL7550D415

DANGER
440 VOLTS
CL7550D440

DANGER OF DEATH
CL7550DD

HIGH VOLTAGE
CL7550HV

CUSTOMISED PAT TEST LABELS. *

EMERGENCY STOP DISCS.

+ 38x19 mm

SL3819PATP

PASSED — ELECTRICAL SAFETY TEST
Appliance I.D _____
Test Date _____ By _____
Re-Test Due _____

SL3819PATF

FAILED — ELECTRICAL SAFETY TEST
Appliance I.D _____
Test Date _____ By _____
DO NOT USE

Your Details Here

+ 50x25 mm

SL5025PATP

PASSED — ELECTRICAL SAFETY TEST
Appliance I.D _____
Test Date _____ By _____
Re-Test Due _____

SL5025PATF

FAILED — ELECTRICAL SAFETY TEST
Appliance I.D _____
Test Date _____ By _____
DO NOT USE

Your Details Here

+ 60 mm DIAMETER

SL60ESD

EMERGENCY STOP
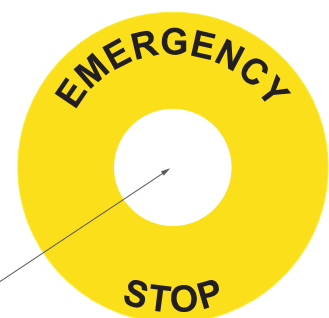
Hole - 22.5mm

* Your details or logo can be added to these labels at no extra cost.

If you can't find the label you're looking for, please ask us. We have extensive stocks of blank labels in a wide range of sizes and can produce customised labels for immediate delivery.

PROSLEEVE - EPF
LOW FIRE HAZARD

+ INFORMATION

EPL - **E**nhanced **P**anel **L**abel

EPL are a glossy, robust scratch resistant label for the identification of electrical components. They are resistant to alcohol, oils and UV. The high tack self-adhesive backing can even be affixed to uneven surfaces.

+ INFORMATION

EPF - Low Fire Hazard

EPL are a glossy, robust scratch resistant label for the identification of electrical components. They are resistant to alcohol, oils and UV. The high tack self-adhesive backing can even be affixed to uneven surfaces.

+ PROPERTIES

Temperature range
Operating Temperature -55°C to +135°C

Material
Foam backed polyester with permanent acrylic adhesive

Standard colours
yellow, white, silver

+ PROPERTIES

Temperature range
Recommended Application Temperature 18°C to 35°C
Operating Temp. -40°C to 105°C (175°C short periods)

Material
Modified acrylic.

Standard colours
yellow, white

+ SPECIFICATIONS

TYPE	HEIGHT	LENGTH	PACK QUANTITY
EPL027008LR*	27 mm	8 mm	2500
EPL027125LR*	27 mm	12.5 mm	2000
EPL027015LR*	27 mm	15 mm	1500
EPL027018LR*	27 mm	18 mm	1500
EPL035019LR*	35 mm	19 mm	1250
EPL045015LR*	45 mm	15 mm	1500
EPL048019LR*	48 mm	19 mm	1250
EPL060030LR*	60 mm	30 mm	750
EPL069019LR*	69 mm	19 mm	1200
EPL069150LR*	69 mm	150 mm	200
EPL090045LR*	90 mm	45 mm	500
EPL100030LR*	100 mm	30 mm	500
EPL100050LR*	100 mm	50 mm	500
EPL100140LR*	100 mm	140 mm	500

*= Colour (**4**=Yellow, **8**=Silver; **9**=White) other colours available on request.
Recommended Ribbon: 510 series

+ SPECIFICATIONS

TYPE	HEIGHT	LENGTH	PACK QUANTITY
EPF045015LR*	45 mm	15 mm	250
EPF069019LR*	69 mm	19 mm	250
EPF090045LR*	90 mm	45 mm	250
EPF100050LR*	100 mm	50 mm	250

*= Colour (**4**=Yellow, **9**=White)   Recommended Ribbon: 2020 series

+ RELATED PRODUCTS

MK10-SQUIX
▶ PAGE 108

EOS2
▶ PAGE 104

EOS5
▶ PAGE 106

M2 `123` **M3** `123`

+ INFORMATION

Thermal Transfer Ribbons

Partex offer a wide range of thermal transfer ribbons specifically designed to complement the ProSleeve range of products. Each ribbon has been specially formulated to provide the highest standard of print quality and adherence when used with our range of printers. It is important to select the correct ribbon to match your heat-shrink, cable markers or panel labels.

+ TYPE RIBBONS

TYPE 2020

TYPE	PRINT COLOUR	WIDTH	LENGTH	PACK QTY
MK10-RB-BK2020-40	black	40 mm	300 Metres	1
MK10-RB-BK2020-60	black	60 mm	300 Metres	1
MK10-RB-BK2020-80	black	80 mm	300 Metres	1
MK10-RB-BK2020-100	black	100 mm	300 Metres	1

+ **Temperature:** 5°C to 35°C (41°F to 95°F)

+ Offers superior resistance to solvents, including Skydrol, Kilforost, IPA, brake fluid and aircraft fuel.

+ Offers superior scratch resis tance.

Backcoat
Polyester Film
Resin Ink Layer
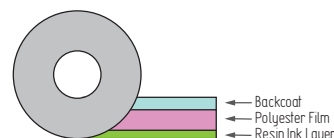
Recommended for printing onto the following ProSleeve products: MSS/MSD, HFS/HFD, EFS/EFD, NFS/NFD, SGS/SGD, CMD, CML, CMM, EPF, PO/POZ, PPQ+.

TYPE 510

TYPE	PRINT COLOUR	WIDTH	LENGTH	PACK QTY
MK10-RB-BK510-40	black	40 mm	300 Metres	1
MK10-RB-WE510-40	white	40 mm	300 Metres	1
MK10-RB-BK510-55	black	55 mm	300 Metres	1
MK10-RB-BK510-83	black	83 mm	300 Metres	1
MK10-RB-BK510-110	black	110 mm	300 Metres	1
MK10-RB-WE510-110	white	110 mm	300 Metres	1

+ **Temperature**: 5°C to 35°C (41°F to 95°F)

+ Offers superior resistance to solvents, Kerosene, IPA, Gasoline and Water.

+ Offers superior scratch resistance.

Resin Ink Layer
Polyester Film
Backcoat
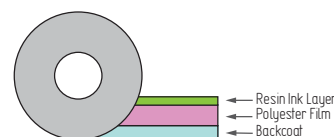
Recommended for printing onto the following ProSleeve products: HFS/HFD, CMZ, EPL, EPF, PO/POZ, PPQ+.

TYPE FTI-M

TYPE	PRINT COLOUR	WIDTH	LENGTH	PACK QTY
MK10-RB-BKFTIM-110	black	110 mm	300 Metres	1

+ **Temperature:** 5°C to 35°C (41°F to 95°F)

+ Offers good resistance to UV light.

+ Offers good smear resistance at temperatures up to 50°C.

Recommended for printing onto the following ProSleeve products: MSS/MSD, EFS/EFD, CML, EPF.

Wax Resin Layer
PET Film
Backcoat
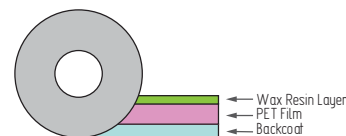
TYPE HT

TYPE	PRINT COLOUR	WIDTH	LENGTH	PACK QTY
MK10-RB-BKHT-70	black	70 mm	300 Metres	1

+ **Temperature:** 5°C to 225°C (41°F to 435°F)

+ Offers superior resistance to high temperatures.

+ Offers superior scratch resistance.

Recommended for printing onto the following ProSleeve products: ETS/ETD, CMT.

Backcoat
Polyester Film
Resin Ink Layer

CABLE MARKER
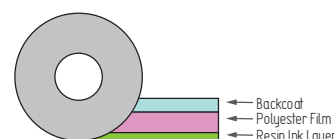
+ INFORMATION

+ Universal marking system for control panels and components.

+ Rapid installation using pre-marked or write-on tiles fixed to unique rail system.

+ Rail mounted in seconds using self-adhesive backing and/or rivets and screws.

+ Large, clear legends for instant identification even at distance.

+ PROPERTIES

Temperature range
-20°C to +60°C

Material
Cadmium and silicon free rigid PVC

+ RELATED PRODUCTS

PP+090
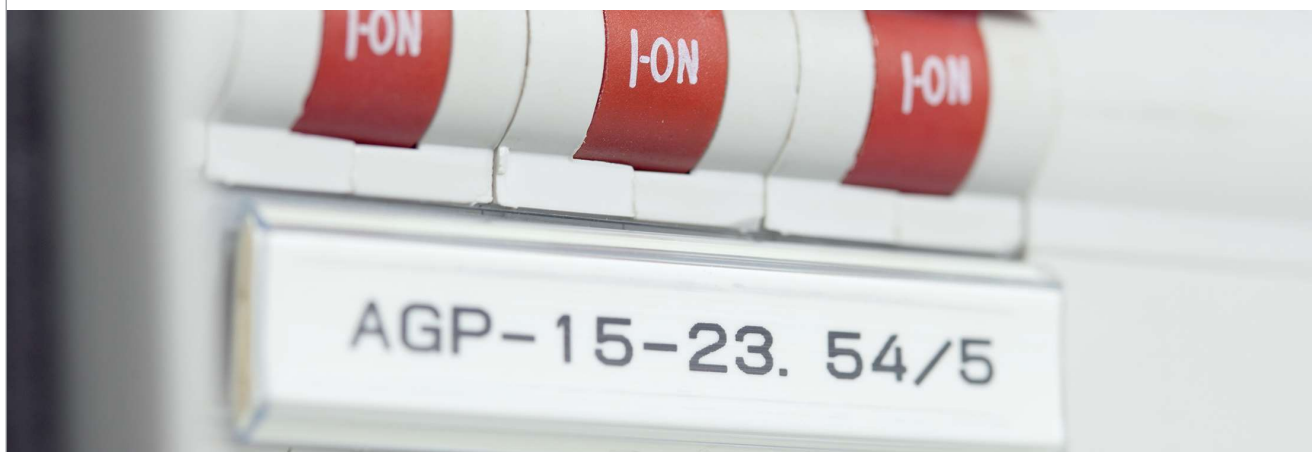
White single digit markers with black print

PRODUCT	TYPE	MODULE WIDTH	THICKNESS [mm]	HEIGHT [mm]	LENGTH mm	PACKAGING
PS20-13N. *	PS-20006AB90	1 / 3	4.2	12.9	5.5	50 pcs
PS20-13.#	PS-20006AB90	1 / 3	4.2	12.9	5.5	20 pcs

Please specify required ident when ordering. * 0-9 Numbers are supplied in bags of 50;   #A-Z Letters and Symbols (- + . / Earth) are supplied in bags of 20
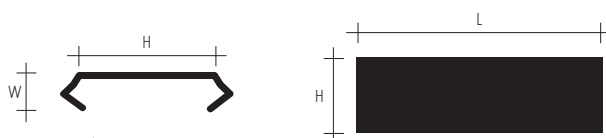
Blank white markers

PRODUCT	TYPE	MODULE WIDTH	THICKNESS [mm]	HEIGHT [mm]	LENGTH mm	PACKAGING
PS20-13.WHI	PS-20006AN9	1 / 3	4.2	12.9	5.5	
PS20-0.5	PS-20009AN9	0.5	4.2	12.9	8.75	
PS20-1	PS-20018AN9	1	4.2	12.9	17.5	
PS20-1.5	PS-20027AN9	1.5	4.2	12.9	26.25	20 pcs.
PS20-2	PS-20035AN9	2	4.2	12.9	35.0	
PS20-3	PS-20053AN9	3	4.2	12.9	52.5	
PS20-MET	PS-20000KN9	-	4.2	12.9	1 m	10 m
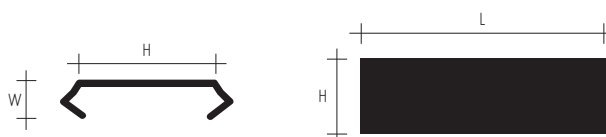
Transparent modules

PRODUCT	TYPE	MODULE WIDTH	LENGTH [mm]	MARKER TAG	PACKAGING
PS20-0.5T	PS-20009	0.5	8.75	PP+	
PS20-1T	PS-20018	1	17.5	PF, PFC, PP+	
PS20-1.5T	PS-20027	1.5	26.25	PF, PFC, PP+	20 pcs.
PS20-2T	PS-20035	2	35.0	PF, PFC, PP+	
PS20-3T	PS-20053	3	52.5	PF, PFC, PP+	
PS20T-MET	PS-20KT	-	1 m	PF, PFC, PP+	10 m
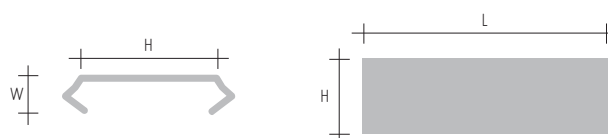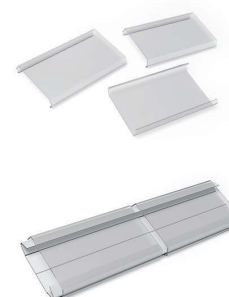
Base profile with self-adhesive backing

PRODUCT	TYPE	LENGTH [m]	HEIGHT [mm]	THICKNESS [mm]	COLOUR	PACKAGING
PS20-BP-BLK	PS-20BPS	1	11.6	3.0	black	10 m
PS20-BP-WHI	PS-20BPV	1	11.6	3.0	white	10 m
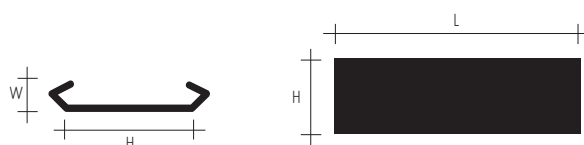
COMPONENT MARKING

+ INFORMATION

+ Flat profile made of PVC

+ Used with marker sleeves on wires (PT +, PTZ and PTC), cables (PM) or compnents (PS).

+ Material provides easy application

+ Developed for easy printing on site with Partex marking machines.

+ PPA+ is a flat hard profile with adhesive tape for cabinet and component marking.

+ PROPERTIES

Standard colour
yellow and white

+ SIZES AND PACKAGING

TYPE	WIDTH [mm]	PACKAGING	APPLICATION
PP+046	4.6	17 m / 50 m	Phoenix Contact* terminal blocks
PP+063	6.3	17 m / 50 m	Phoenix Contact terminal blocks
PP+090	9.0	17 m / 50 m	PM-20, PTM20, PS
PP+100	10.2	17 m / 50 m	ABB Entrelec terminal blocks
PP+110	11.0	17 m / 50 m	Wago (TopJobs) terminal blocks
PPA+090	9.0	10 m / 25 m	Flat profile with adhesive

* - UT2.5, UTTB2.5, ST4, DT2.5, QTC, DTI2.5

+ RELATED PRODUCTS

PROMARK-T1000
▶ PAGE 100

MK10-SQUIX
▶ PAGE 108

+ APPLICATION

FSMEU21A_EIF3_FSMEU21B_EIF2

FSMEU21A_EIF3_FSMEU21B_EIF2

L3

550.34

51.06   U09_32
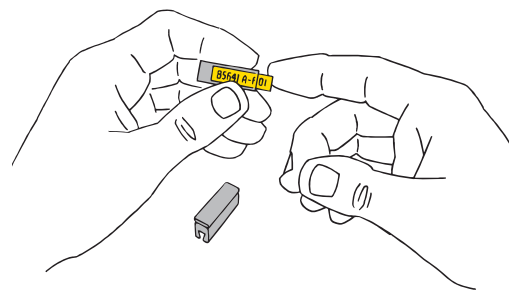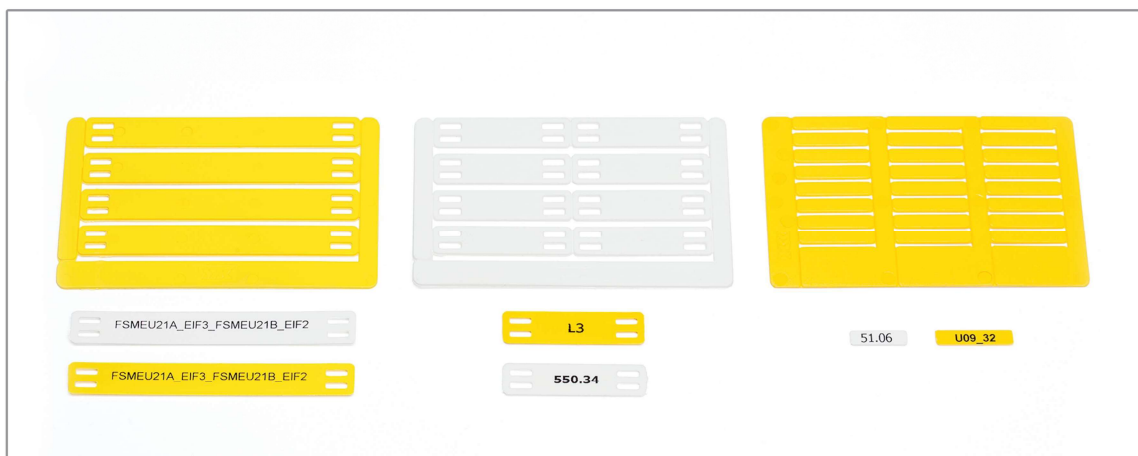
+ | INFORMATION

+ Cards of different sizes for marking wires, cables and devices.

+ For Partex holder systems PT+, PTZ+, PTC, PM and PS.

+ Easy to separate in rigid polyester foil, specially pre-processed for printing.

+ Enables a low cost 2-component solution together with Partex holder systems

+ | PROPERTIES

Standard colour
yellow and white

+ | SIZES AND PACKAGING

ARTICLE NUMBER	INFORMATION	MARKER TAG/LABEL LENGTH X HEIGHT (INCH)	QTY/CARD	QTY/BOX	MATERIAL	SUITABLE PARTEX HOLDER SYSTEM
PFC04212KA*	Marker tag - wire	12 x 4.2	21	525	ABS	PT+, PTZ+, PTC, PM,PTM
PFC04215KA*	Marker tag - wire	15 x 4.2	21	525	ABS	PT+, PTZ+, PTC, PM,PTM
PFC04218KA*	Marker tag - wire	18 x 4.2	21	525	ABS	PT+, PTZ+, PTC, PM,PTM
PFC04221KA*	Marker tag - wire	21 x 4.2	21	525	ABS	PT+, PTZ+, PTC, PM,PTM
PFC04230KA*	Marker tag - wire	30 x 4.2	14	350	ABS	PT+, PTZ+, PTC, PM,PTM
PFC07533KA*	Marker tag - cable	33 x 7.5	9	225	ABS	PTZ+15/25/35, PM20
PFC09518KA*	Marker tag - component / cable	18 x 9.5	20	500	ABS	PM24, PS20T
PFC09540KA*	Marker tag - cable marking	40 x 9.5	8	200	Polyamide/PA11	Cable tie mounting
PFC09580KA*	Marker tag - cable marking	80 x 9.5	4	100	Polyamide/PA11	Cable tie mounting

* = card colour (**4**:yellow, **9**:white)

+ | RELATED PRODUCTS

EOS2

EOS5

PRIMACY

MARKER TAGS

+ | INFORMATION

+ Cassette for PA02- and PA1 sleeves.

+ Flexible aid for service and maintenance marking.

+ Pocket-sized.

+ Easy to refill from Partex standard range.

+ CAS is double-sided for right and left mounting.

+ | ITEM DESCRIPTION

TYPE	CONTENTS	DIMENSIONS [mm]
CASS 600 B/W	Red Pocket Cassette containing 600 PA02 markers and one PUJ 4T Teflon coated applicator. Contains 50 of each marker 0,1,2 and 3, plus 25 of each 4-9 (incl), A,E,L,N,R,S,T,+,- and earth. The numbers, letters and symbols are black text on a white marker.	67 x 90 x 21
CASS 600 C/C	As above but the numbers are colour coded (International resistor colour coding).	67 x 90 x 21
CASS 500 B/W	Blue Pocket Cassette containing 500 PA1 markers and one PUJ 5T Teflon coated applicator. Contains 25 of each marker 0-9 (inclusive), A, E, L, N, R, S, T, +, -, and earth. The numbers, letters and symbols are black text on a white marker.	67 x 90 x 21
CASS 500 C/C	As above but the numbers are colour coded (International resistor colour coding).	67 x 90 x 21
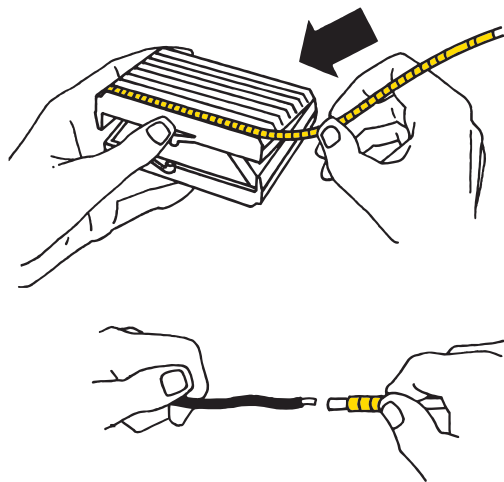
+ | APPLICATION

+ The MD installation tool and MDH holder form a complete installation magazine for PA sleeves.

+ The holder is easily loaded with the MD installation tool.

+ Complete marking kit for marking on site.

+ Minimize installation time and maximize flexibility when working with combination marking.

+ | ITEM DESCRIPTION

TYPE	CONTENTS	PACKAGING
MDH 20 B/W	**Key ring dispenser complete with 20 wands each with 25 PA1 markers.** Contains 25 of each marker 0-9 (inclusive), A, B, L, N, R, S, T, +, -, and earth. The numbers, letters and symbols are black text on a white marker.	1 pcs.
MDH 20 C/C	As above but the numbers are colour coded (International resistor colour coding).	1 pcs.
MDH 20E	**Empty key ring dispenser (no wands)**	1 pcs.
MD10	**Nylon replacement wand.** No markers attached.	1 pcs.
MD10 PA1	**Nylon replacement wand complete with 25 PA1 markers.** Please specify the number, letter or symbol you would like.	1 pcs.

+ | APPLICATION

PLD - SELF ADHESIVE WRAPAROUND MARKERS

+ | INFORMATION

+ Easy to use pocket sized dispenser with numbers or letters/symbols.

+ Contains 10 single-character adhesive tape rolls.

+ Complete marking kit for use on site.

+ Can be filled with any combination.
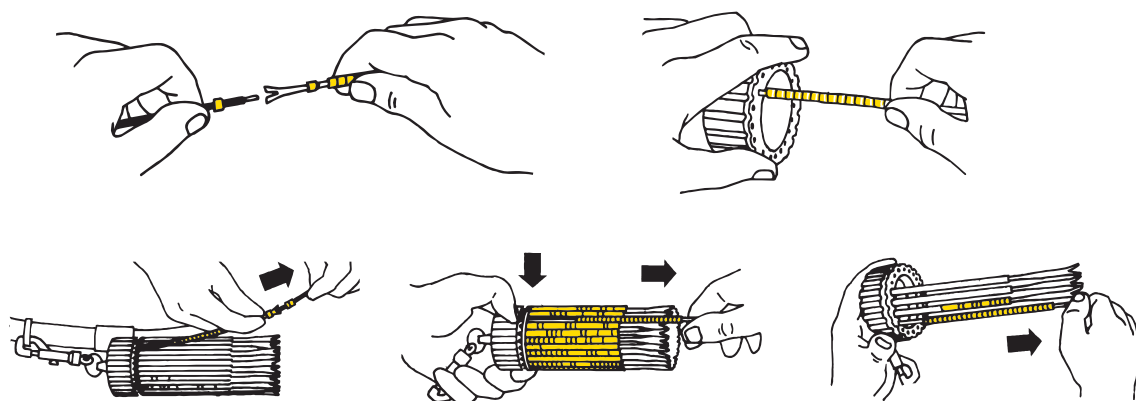
+ | ITEM DESCRIPTION

TYPE	DESCRIPTION	PACKAGING
PLD-DIS-FULL	Key ring dispenser filled with one roll of each 0-9 (inclusive) black on white markers.	1 pcs.
PLD-DIS-EMP	Empty dispenser.	1 pcs.
PLD-CUTTER	Replacement serrated cutter.	1 pcs.
PLD-REFILL	One roll of each 0-9 (inclusive) black on white markers. (Refill for dispenser)	1 pcs.
PLD-*	Ten rolls of a single ident black on white markers. * Please specify ident. A-Z, 0-9, +, -, /, earth, blank, L1, L2 and L3 available.	1 pcs.
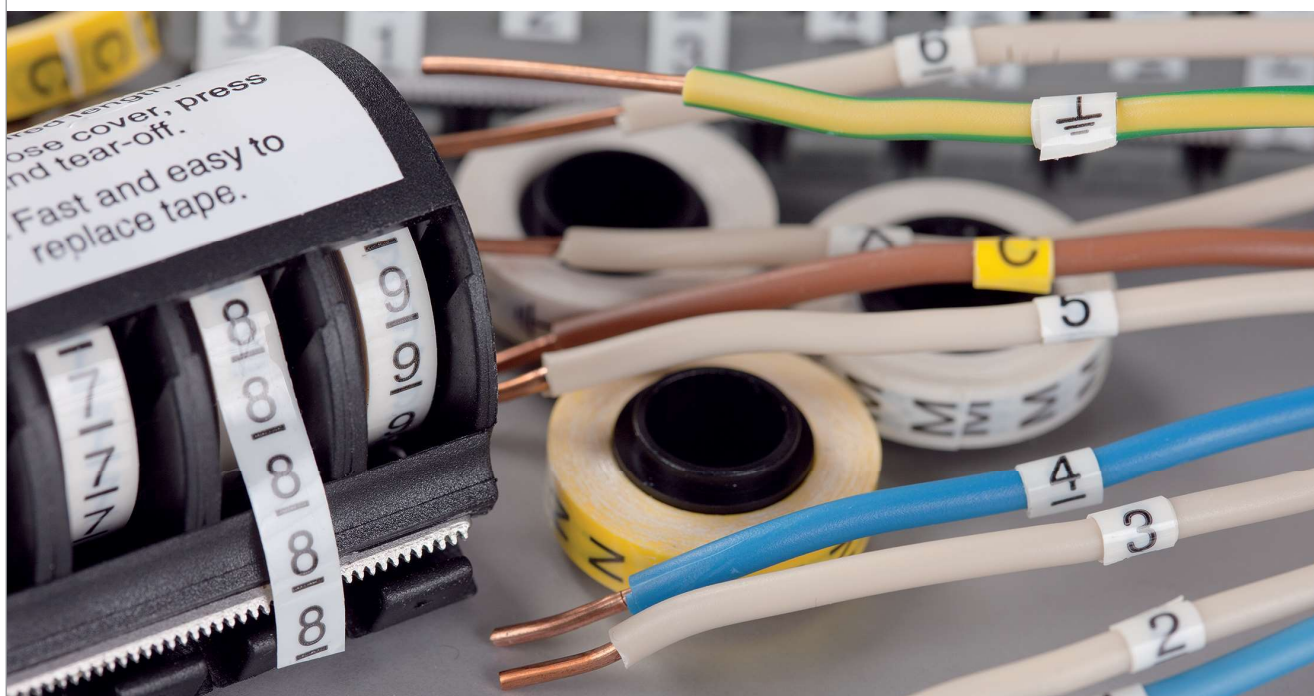
+ Simplify marking of thin and stripped wires , excellent tools for combination marking.

+ Shorten installation time.

TYPE	SIZE RANGE	FOR USE WITH	MATERIAL	COLOUR
MD 10	**D**: 0.5 to 2.5mm²	PA1 and PZ1	Nylon	Light Blue
PUJ 1T	**d**: Smaller than 1.22mm **D**: Up to 0.22mm²	PY01		Green
PUJ 3T	**d**: 1.5 to 2.4mm **D**: 0.34 up to 0.5mm²	PA02 and PZ02	Teflon Coated Stainless Steel	Red
PUJ 4T	**d**: 2.5 to 3.4mm **D**: 0.75 up to 1.5mm²	PA02, PZ02, PA1 and PZ1		Dark Blue
PUJ 5T	**d**: 3.5 to 4.3mm **D**: 1.5 and 2.5mm²	PA1 and PZ1		Light Blue

d: = The overall cable diameter   **D:** = The cable size. Size shown refers to BS6231 tri-rated cable.
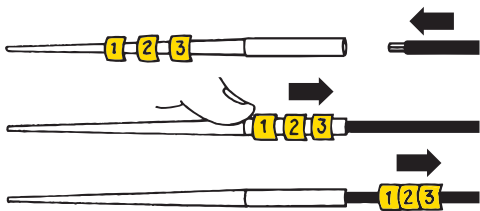
PAL/B - PLASTIC COMPARTMENT BOX FOR MARKERS

+ | INFORMATION

+ Purpose designed 18 compartment boxes in impact resistant plastic.

+ On-site combination marking at a glance and at your fingertips.

+ Transparent lid ensures high visibility of contents.

+ | ITEM DESCRIPTION

TYPE	CONTENTS	PACKAGING
PAL/B	**Empty 18 Compartment Storage Box**	1 pcs.
PAL PY B/W	**PAL/B Box Containing 4500 PY 01 Markers.** Contains 250 of each marker 0-9 (inclusive), L, N, R, S, T, +, -, and earth. The numbers, letters and symbols are black text on a white marker.	1 pcs.
PAL PY C/C	As above but the numbers are colour coded (International resistor colour coding).	1 pcs.
PAL 02 B/W	**PAL/B Box Containing 4500 PA 02 Markers.** Contains 250 of each marker 0-9 (inclusive), L, N, R, S, T, +, -, and earth. The numbers, letters and symbols are black text on a white marker.	1 pcs.
PAL 02 C/C	As above but the numbers are colour coded (International resistor colour coding).	1 pcs.
PAL 1 B/W	**PAL/B Box Containing 4500 PA 1 Markers.** Contains 250 of each marker 0-9 (inclusive), L, N, R, S, T, +, -, and earth. The numbers, letters and symbols are black text on a white marker.	1 pcs.
PAL 1 C/C	As above but the numbers are colour coded (International resistor colour coding).	1 pcs.
PAL 2 B/W	**PAL/B Box Containing 1800 PA 2 Markers.** Contains 100 of each marker 0-9 (inclusive), L, N, R, S, T, +, -, and earth. The numbers, letters and symbols are black text on a white marker.	1 pcs.
PAL 2 C/C	As above but the numbers are colour coded (International resistor colour coding).	1 pcs.

+ Purpose designed 50 compartment boxes in impact resistant plastic.

+ On-site combination marking at a glance and at your fingertips.

+ Transparent lid ensures high visibility of contents.

+ | ITEM DESCRIPTION

TYPE	CONTENTS	PACKAGING
PAL/50	**Empty 50 Compartment Storage Box with removable compartments.**	1 pcs.
PAL 50 PA02 B/W	**PAL 50 Box Containing 5000 loose PA02 Markers and 1 PUJ 4T Teflon Coated Stainless Steel Applicator.** Contains 200 of each number 0-9 (inclusive) and 100 of each letter A-Z (inclusive) +, -, / and earth. The numbers, letters and symbols are black text on a white marker.	1 pcs.
PAL 50 PA02 C/C	As above but the numbers are colour coded (International resistor colour coding).	1 pcs.
PAL 50 PA1 B/W	**PAL 50 Box Containing 5000 loose PA1 Markers and 1 PUJ 5T Teflon Coated Stainless Steel Applicator.** Contains 200 of each number 0-9 (inclusive) and 100 of each letter A-Z (inclusive) +, -, / and earth. The numbers, letters and symbols are black text on a white marker.	1 pcs.
PAL 50 PA1 C/C	As above but the numbers are colour coded (International resistor colour coding).	1 pcs.
PAL 50 PA2 B/W	**PAL 50 Box Containing 5000 loose PA2 Markers.** Contains 200 of each number 0-9 (inclusive) and 100 of each letter A-Z (inclusive) +, -, / and earth. The numbers, letters and symbols are black text on a white marker.	1 pcs.
PAL 50 PA2 C/C	As above but the numbers are colour coded (International resistor colour coding).	1 pcs.

SRC-T CARDBOARD BOX FOR MARKER REELS

+ INFORMATION

+ Cardboard dispenser box for Partex compacta discs.
+ Ideal for storing a selection of Partex markers.
+ On-site combination marking at a glance and at your fingertips.

+ DIMENSIONS

SRC-T can hold 12 reels of PA02, 10 reels of PA1, 7 reels PA2, 5 reels PK+

TYPE	LENGTH [L mm]	WIDTH [W mm]	HEIGHT [H mm]	COMPARTMENTS
SRC-T	130	80	130	1

+ Robust steel plate storage box for Partex compacta discs

+ Detachable upper tray for cable accessories.

+ Flexible carrying handle.

+ Holes for different suspension arrangements.

+ An excellent accessory which simplifies marking work.

+ PROPERTIES AND DIMENSIONS
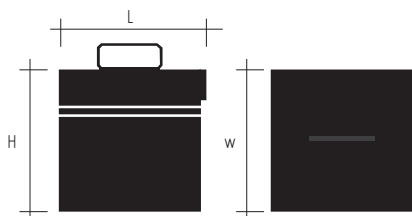
SRP can hold 14 disks PA-2 or 11 disks PK+

TYPE	LENGTH [mm]	WIDTH [mm]	HEIGHT [mm]	COMPARTMENTS
SRP	160	160	163	6 + place for discs

ACCESSORIES

97

PKB – METAL FLANGE CLIP

+ INFORMATION

+ A two-piece component consisting of a cable tie and a clip for mounting on edges.

+ A self-locking clip is a perfect solution for applications where it is not possible to make an installation hole or use a self-adhesive element because of high temperature.

+ The self-locking design enables quick and durable installation on edges with a thickness of 1 to 3 mm.

+ The cable tie can be moved in the clip once the wires are bundled.

+ The clip is widely used for fixing wires, cables, pipes and hoses, e.g. in the automotive, energy and food industries.

+ It is ideal for bundling wires at photovoltaic panels, control cabinets, machinery and wherever classic solutions cannot be used.

+ Made of thermally stabilised polyamide 6.6, resistant to UV radiation to ensure reliable operation even in extreme ambient conditions.

+ Comes pre-assembled - the tie is inserted into the clip.

+ PROPERTIES

Working temperature
-40°C to +115°C

Material
Tie and clip: Polyamide 6.6, thermally stabilised and resistant to UV radiation.

The clip is additionally flexible.

+ DIMENSIONS AND PACKAGING

TYPE	LENGTH [mm]	WIDTH [mm]	MIN. TENSILE STRENGTH (N)	MIN. BUNDLE DIAMETER [mm]	MAX. BUNDLE DIAMETER [mm]	PACKAGING
PKB-20048ECV-0	200	4.8	230	3.5	49.5	100
PKB-28048ECV-0	280	4.8	230	3.5	74.5	100
PKB-36048ECV-0	360	4.8	230	3.5	100.0	100

+ F1-M2-S1

SP - SPIRAL TUBING

+ INFORMATION

+ Flexible spiral tube for fitting cables, conductors, tubes, wire bundles etc.

+ Excellent protection against mechanical wear.

+ Permits flexible connection between cabinet and door mounted units.

+ Also available in halogen free version (SPZ)

+ Snap-on fastener for holding tube into mounting plate holes.

+ PROPERTIES

Temperature range
-30°C to +60°C

Material
PVC

Standard colour
grey, black

Fixing
snap-into fastener of spiral tube in holed mounting plates.

+ DIMENSIONS AND PACKAGING

TYPE	INTERNAL DIAMETER [mm]	OUTSIDE DIAMETER [mm]
SP-08	8	10
SP-10	10	13
SP-15	15	18.4
SP-20	20	24
SP-25	25	29
SP-30	30	34.6
SP-40	40	45
SP-50	50	55
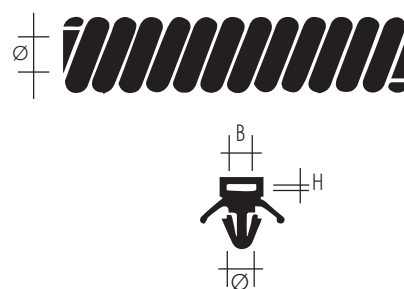
+ MOUNTING

TYPE	MAX. THICKNESS PLATE	MOUNTING HOLE	PACKAGING
SPH-1	3.2 mm	6.2 mm	50 pcs.
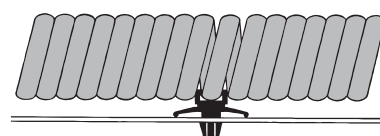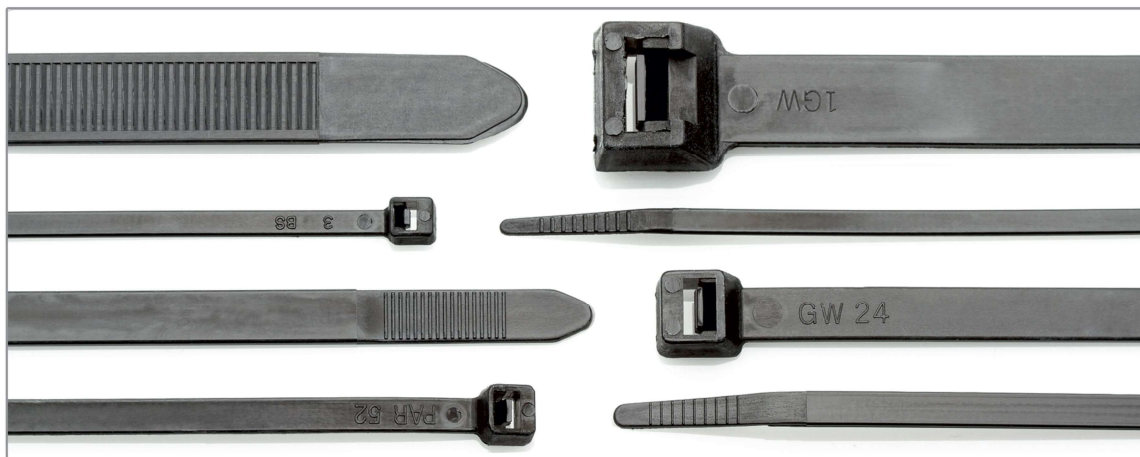
+ APPLICATION

+ Handy to use with Partex PK+ and PO sleeves and PM, PKH/POH holders.

+ Self-locking with high fixing strength.

+ Available for indoor and outdoor installation.

+ An extensive range of products to suit many applications.

+ PROPERTIES AND DIMENSIONS

Temperature range
-40°C to +85°C

Material
Nylon 6.6, in accordance with UL94-V2
UV resistant ties are also available.

Standard colour
Black and Natural.

CABLE TIES

HFC - NYLON CABLE TIES

+ DIMENSIONS AND PACKAGING

STANDARD CABLE TIES

TYPE	LENGTH (mm)	WIDTH (mm)	MAX BUNDLE DIAMETER (mm)	MIN. TENSILE STRENGTH (kg)	PACKAGING
HFC 80	80	2.5	15	8	100
HFC 100	100	2.5	18	8	100
HFC 120	120	4.8	24	22	100
HFC 140	140	3.6	33	18	100
HFC 160	160	4.8	38	22	100
HFC 200	200	4.8	50	22	100
HFC 250	250	4.8	50	22	100
HFC 300	300	4.8	76	22	100
HFC 365	365	4.8	102	22	100
HFC 430	430	4.8	110	22	100
HFC 530	530	4.8	140	22	100
HFC 160L	160	2.5	40	8	100
HFC 200L	200	2.5	50	8	100
HFC 200I	200	3.6	50	18	100
HFC 300L	300	3.6	76	18	100
HFC 150H	150	7.6	36	55	100
HFC 200H	200	7.6	50	55	100
HFC 240H	240	7.6	66	55	100
HFC 300H	300	7.6	76	55	100
HFC 370H	370	7.6	100	55	100
HFC 430H	430	9.0	110	75	100
HFC 530H	530	9.0	140	75	100
HFC 710H	710	9.0	190	75	100
HFC 940H	940	9.0	280	75	100
HFC 1220H	1220	9.0	375	75	100
HFC 580EH	580	12.7	152	113	100

Available in both black and natural, please specify required colour when ordering.

UV RESISTANT CABLE TIES FOR OUTDOOR USE

TYPE	LENGTH (mm)	WIDTH (mm)	MAX BUNDLE DIAMETER (mm)	MIN. TENSILE STRENGTH (kg)	PACKAGING
HFC 100 UVB	100	2.5	18	8	100
HFC 140 UVB	140	3.6	33	18	100
HFC 200 UVB	200	4.8	50	22	100
HFC 300 UVB	300	4.8	76	22	100
HFC 365 UVB	365	4.8	102	22	100
HFC 530 UVB	530	4.8	140	22	100
HFC 160L UVB	160	2.5	40	8	100
HFC 200I UVB	200	3.6	50	18	100
HFC 300L UVB	300	3.6	76	18	100
HFC 300H UVB	300	7.6	76	55	100
HFC 370H UVB	370	7.6	100	55	100
HFC 710H UVB	710	9.0	190	75	100
HFC 1030EH UVB	1030	12.7	302	113	100

Only available in black.

IDENTIFICATION CABLE TIES

TYPE	LENGTH (mm)	WIDTH (mm)	MAX BUNDLE DIAMETER (mm)	MIN. TENSILE STRENGTH (kg)	MAKING TAG SIZE (mm)	PACKAGING
MAR100F	98	2.5	20	8	8 x 25	100
MAR110F	110	2.5	20	8	9 x 20	100
MAR200W	194	4.8	45	22	27 x 13	100

Available in natural, MAR200W also available in yellow Please specify required colour when ordering

MAR100F   MAR110F   MAR200W

STAINLESS STEEL CABLE TIE MOUNTS

TYPE	LENGTH (mm)	WIDTH (mm)	MAX. TIE WIDTH (mm)	FIXING HOLE SIZE	PACKAGING
SSTM4	29.2	15.0	10.0	M4	100
SSTM6	29.2	15.0	10.0	M6	100

NYLON CABLE TIE TENSIONING TOOL

+ Automatically tensions and cuts the tie flush to the head leaving no sharp edges. Automatic
+ Adjustable tension setting.
+ Ergonomic handle reduces operator fatigue.
+ Only suitable for nylon cable ties.

TYPE	TIE CUTTING	MAXIMUM TIE WIDTH	TENSION SETTINGS
TT1	Automatic	4.8 mm	Adjustable 2.5 to 14 kgs

TT1

STAINLESS STEEL TIE TENSIONING TOOL

+ Automatically tightens and cuts off the tie when it reaches the required tension.
+ Only suitable for stainless steel cable ties.
+ Adjustable tension setting. Ergonomic handle reduces operator fatigue.

TYPE	TIE CUTTING	MAXIMUM TIE WIDTH	TENSION SETTINGS
SSTG	Automatic	7.9 mm	Adjustable 31 to 65 kgs

SSTG

STAINLESS STEEL TIE TENSIONING TOOL

+ A semi-automatic tool which tightens the tie to the required tension with a manual cutting mechanism.
+ Easy to use and very robust it is ideal for high volume applications.
+ Only suitable for stainless steel cable ties.

TYPE	TIE CUTTING	MAXIMUM TIE WIDTH	TENSION SETTINGS
SSAT	Manual	7.6 mm	Fixed

SSAT
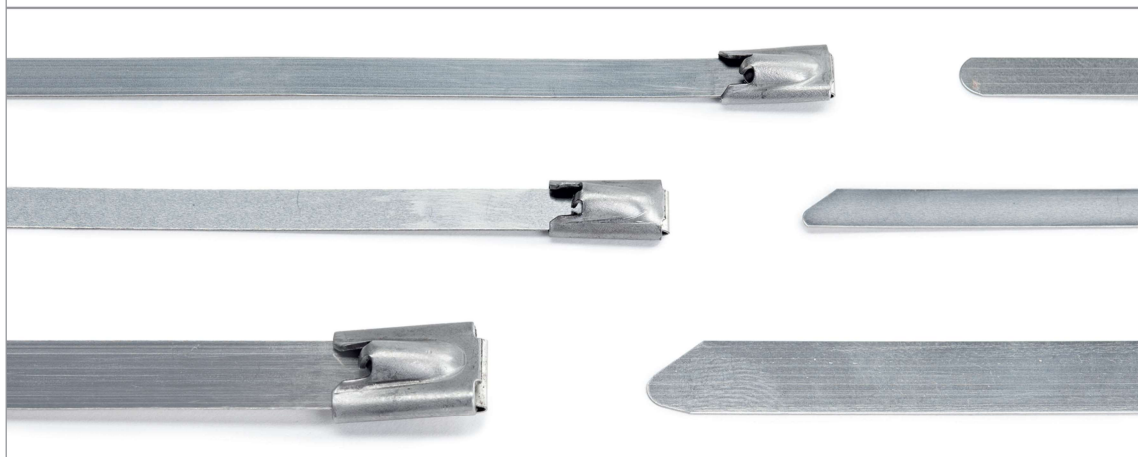
CABLE TIES

+ Cable ties made from stainless steel AISI 316

+ Great for restraining harnesses and cables. Quick and safe installation in a variety of applications.

+ Easy to clamp with Partex's tools: SSTG or SSAT

+ Excellent resistance to acids, salt, chemicals, and high temperatures

+ | SIZES AND PACKAGING

TYPE	DESCRIPTION	SIZE [mm]	MAXIMUM DIAMETER [mm]	PACKAGING	MINIMUM TENSILE STRENGTH N
SST1316	stainless steel cable tie	150 x 4.6	43	100 pcs	445
SST2316	stainless steel cable tie	200 x 4.6	59	100 pcs	445
SST3316	stainless steel cable tie	260 x 4.6	78	100 pcs	445
SST3816	stainless steel cable tie	300 x 4.6	85	100 pcs	445
SST4316	stainless steel cable tie	360 x 7.9	110	100 pcs	1112
SST5316	stainless steel cable tie	520 x 4.6	161	100 pcs	445
SST6316	stainless steel cable tie	680 x 4.6	200	100 pcs	445
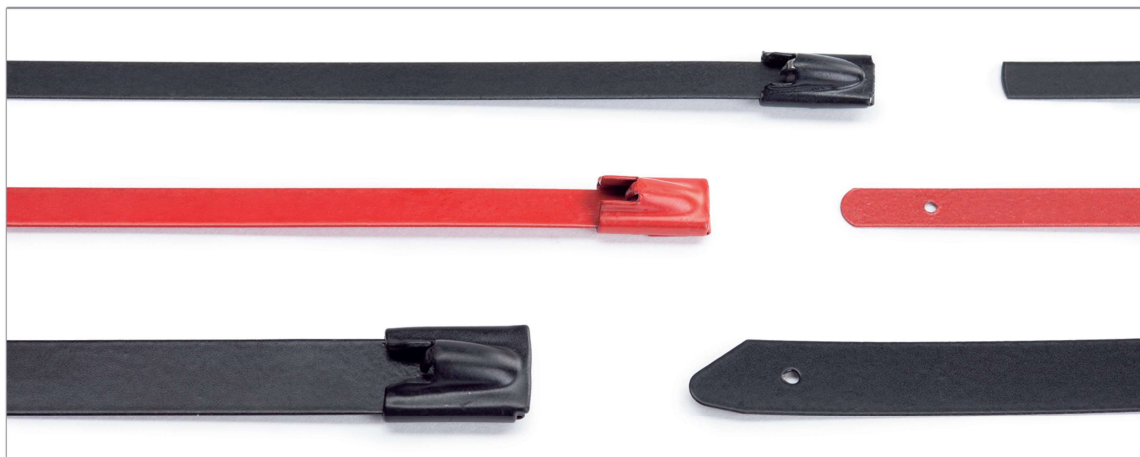
+ Cable ties made from stainless steel AISI 316, coated with black or red polyester.

+ A very strong ball lock.

+ Quick and safe installation in a variety of applications.

+ The outer layer of polyester and gently rounded edges protect the cable from damage.

+ Excellent resistance to acids, salt, chemicals, and high temperatures.

+ | **SIZES AND PACKAGING**

TYPE	DESCRIPTION	SIZE [mm]	MAXIMUM DIAMETER STRIPS [MM]	PACKAGING	MINIMUM TENSILE STRENGTH N
SSTC1316	coated stainless steel cable ties	150 x 4.6	43	100 pcs	445
SSTC2316	coated stainless steel cable ties	200 x 4.6	59	100 pcs	445
SSTRC2316	coated stainless steel cable ties red	200 x 4.6	59	100 pcs	445
SSTC3316	coated stainless steel cable ties	260 x 4.6	78	100 pcs	445
SSTC3816	coated stainless steel cable ties	300 x 4.6	85	100 pcs	445
SSTC4316	coated stainless steel cable ties	360 x 4.6	110	100 pcs	445
SSTRC4316	coated stainless steel cable ties red	360 x 4.6	110	100 pcs	445
SSTC5316	coated stainless steel cable ties	360 x 7.9	161	100 pcs	445
SSTC6316	coated stainless steel cable ties	680 x 4.6	200	100 pcs	445

PROMARK T-1000 - MARKING MACHINE

+ INFORMATION

+ Compact, fast and portable printer to cover most of your marker needs.

+ Easy to operate with Partex product menu.

+ Feeds, prints and cuts bulk Partex profiles and self adhesive labels.

+ Store and import markerfiles with a USB - PC connection.

+ Cost effective identification system for use in panel building and electrical installations.

+ PROPERTIES

Temperature range
Operating temperature: +15℃ – +32,5℃
Operating temperature with pre-heater: from +5℃
Storage temperature: +5℃ – +35℃
To obtain the best printing result, the temperature
of the profile shouldn't be lower then: +20℃

Thermal transfer printing
300 dpi print resolution

Printing speed
18.5 mm/s – low speed mode
25 mm/s - standard mode
40 mm/s – high speed mode

Text heights
1.3, 2, 3, 4 or 6mm

Maximum rows that can be printed:
1-3 rows

PC connection
USB 2.0 and PROMARK CREATOR software

Internal Memory
60000 characters

Number of characters to be sent to PC
No limits if used with PROMARK CREATOR software

Power
Power Supply 100 ~ 240 V AC (50 ~ 60 Hz)
Power: 13 W
Certified with CE mark

Dimensions
(L x W x H): 250 x 300 x 85 mm

Weight
2 kg

+ KIT CONTENTS

+ PROMARK T-1000, soft carrying case,

+ AC adapter, power cord,

+ Ink ribbon, black, 40 m,

+ Profile guide

+ USB cable,

+ software,

+ ProMark T-1000 is the latest addition to the ProMark family. The menu of the device is now available in the following languages: Polish, English, German, French, Swedish, Russian, Spanish and Portuguese.

+ Low weight, small size, as well as inbuilt memory allow you to operate the printer on site. The library of electrical symbols enables you to print objects such us Ω, ⊞, ⊕, ◈, △, ⊟, ⊖, ◇, △ etc.

+ An additional asset will be the menu with Partex products indexes. After selecting the type of a profile, T-1000 will automatically choose the position of text and the depth of the cut.

+ The backlit display and QWERTY keyboard allows entering additional symbols very quickly. The advanced projects can be sent to T-1000 from the latest version of our software, which is dedicated to design, management and printout of you marking data.

+ PROFILES TO PRINT

+ PO and POZ profiles with diameters of 1.3 – 5.5 mm (POZ is the halogen-free version)

+ PHZ – round, halogen-free, heat shrinkable tubes with diameters 2.4 – 6.4 mm before shrinking

+ PHZF – flat, halogen-free, heat shrinkable tubes with diameters 2.4 – 6.4 mm before shrinking

+ PP+ profile – height of 4.6 and 9.0 mm compatible with profiles: PT+/PTC/PTZ and PM, PTM, PS

+ PP+ profile – height of 6.3, 10.0 and 11.0 mm compatible with Wago connectors (TopJobs), Phoenix Contact, ABB Entrelec.

+ PPA+ – self-adhesive profile

+ PO-068 profile – used for marking cables with PKH and POH holders

+ PROMARK-PLL – self laminating marker for wires and cables

+ PROMARK-PL – adhesive tape with a width of 6mm, 9mm and 12mm available in the form of cassettes which you place into the printer

+ ACCESSORIES

TYPE	DESCRIPTION
PROMARK-RB-BLACK	black ribbon 100 m
PROMARK-RB-WHITE	white ribbon 85 m
PROMARK-CU	cutting unit
PROMARK-TA	tube attachment
PROMARK-TA-CLEAN	cleaning kit guide for tube attachment (3 pcs)
PROMARK-PA	plate attachment
PROMARK-PA-CLEAN	cleaning kit guide for plate attachment (3 pcs)
PROMARK-TW	profile warmer
PROMARK-TW-CLEAN	cleaning kit guide for the profile warmer (3 pcs)
PROMARK-HC	aluminium case
MK-STV	reel stand
MK-RS3	small reel stand

MK-STV

MK-RS3

PROMARK-HC

+ RELATED PRODUCTS

PROMARK CREATOR software

PO-PROFILE

TYPE	HALOGEN FREE VERSION	DIAMETER [mm] [min/max]	CROSS SECTIONAL AREA [mm²]	PACKAGING
PO-01	POZ01	1.3/1.8	0.25	6 m / 250 m
PO-02	POZ02	1.7/2.2	0.5	5 m / 60 m / 250 m
PO-03	POZ03	2.0/2.5	0.75	4.5 m / 50 m / 250 m
PO-04	POZ04	2.2/2.8	1.0	4.5 m / 50 m / 200 m
PO-05	POZ05	2.7/3.5	1.5	4 m / 40 m / 200 m
PO-06	POZ06	3.2/4.0	2.5	3.5 m / 40 m / 200 m
PO-06Q**	-	-	-	3.5 m / 40 m
PO-068Q**	PKZ20Q	-	-	25 m / 50 m
PO-068TW	PKZ20	6.8/7.0	-	4.5 m / 50 m
PO-07	POZ07	3.8/4.7	4.0	3.5 m / 30 m / 100 m
PO-08	POZ08	4.6/5.5	6.0	3 m / 30 m / 100 m

STANDARD COLOUR: yellow, white. Others on request.   ***** Mounting with marker holder POH or PKH   ****** Mounting with cable tie

PO/POZ
▶ PAGE 28

PO-068
▶ PAGE 28

HEATSHRINKABLE TUBES PHZ

TYPE	DIAMETER BEFORE SHRINKING [mm]	DIAMETER AFTER SHRINKING [mm]	PACKAGING
PHZ20024	2.4	1.2	15 m or 100 m
PHZ20032	3.2	1.6	15 m or 100 m
PHZ20048	4.8	2.4	12 m or 100 m
PHZ20064	6.4	3.2	12 m or 100 m

STANDARD COLOURS: yellow, white. Other on request.

PHZ
▶ PAGE 32

FLAT HEATSHRINKABLE TUBES PHZF

TYPE	DIAMETER BEFORE SHRINKING [mm]	DIAMETER AFTER SHRINKING [mm]	PACKAGING
PHZF20024	2.4	1.2	100 m / 25 m
PHZF20032	3.2	1.6	100 m / 25 m
PHZF20048	4.8	2.4	100 m / 25 m
PHZF20064	6.4	3.2	100 m / 25 m

STANDARD COLOURS: yellow, white. Other on request.

PHZF
▶ PAGE 34

MARKING MACHINE

TYPE	HEIGHT [mm]	FIT FOR	PACKAGING
PP+046	4.6	PT+, PTC, PTZ, PM-10	50 m / 17 m
PP+063	6.3	terminals Phoenix Contact *	50 m / 17 m
PP+09	9.0	PM-20, PS	50 m / 17 m
PP+100	10.2	terminals ABB Entrelec	50 m / 17 m
PP+110	11.0	terminals Wago (TopJobs)	50 m / 17 m
PPA+09	9.0	components	20 m / 10 m

STANDARD COLOURS: yellow, white   * UT2.5, UTTB2.5, ST4, DT2.5, QTC, DTI2.5

PP+
▶ PAGE 84

PT+
▶ PAGE 48

PTC
▶ PAGE 50

PM
▶ PAGE 52

PS
▶ PAGE 82

PPA+
▶ PAGE 84

TYPE	HEIGHT [mm]	COLOUR	LENGTH [m]	PACKAGING
PROMARK-PL060	6	yellow, white silver	30 / 30 / 27	1 casette
PROMARK-PL090	9	yellow, white silver	30 / 30 / 27	1 casette
PROMARK-PL120	12	yellow, white silver	30 / 30 / 27	1 casette
PROMARK-PLL33	33 (printable area 10)	white	8	1 casette

PROMARK-PL

PROMARK-PLL

MARKING MACHINE

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EOS2 - THERMAL TRANSFER PRINTER

M3

+ INFORMATION

+ A new, colourful touch screen.

+ Professional, efficient printer for the production of medium quantities of markers for cables, wires and electrical components.

+ Feeds, prints and perforates Partex profiles and labels.

+ MK10-EOS2 is a device for semi-industrial applications, ideal for marking electrical installations and control cabinet components

+ The printer is connected to the computer via a USB 2.0 port and controlled by Promark Creator software.

+ Wi-Fi module (optional).

+ The max diameter of reel/ disk placed inside the device is up to 157 mm

+ PROPERTIES

Temperature range
operating temperature range / humidity: +5°C - 40°C/10 - 85%
storage temperature/ humidity: 0°C - 60°C/20 – 85%
To obtain the best printing result, the temperature of the profile
shoudn't be lower then +20°C

Thermal-transfer printing
Printable resolution 300 dpi

Print speed
150 mm/s

Print width
105.7 mm

Maximum label width
116 mm

Interfaces
USB 2.0 Hi-speed device to connect a PC, Ethernet 10/100 Mbit/s, 1 x
USB host on the operation panel for Service Key or USB memory stick,
2 x USB host on the back of the device for Service Key, USB memory
stick, keyboard, barcode scanner,
USB Bluetooth adapter, USB WLAN stick, external operation panel.

PC connection
Controlled by software Promark Creator

Operating system
Windows: XP, Vista, WIN 7. WIN8, WIN10

Main memory
256 MB RAM

Power supply
110~240 V AC, (50~60 Hz)
Certified CE

Dimensions
(W x D x H): 253 x 191 x 322 mm

Weight
4 kg

+ ACCESSORIES

ARTICLE NUMBER	INFORMATION	PACK UNIT (MOQ)
MK-STV	Reel stand for small reels	1 pce
MK-RS3	Small reel stand, mountable	1 pce

+ KIT CONTENTS

MK10-EOS2 - label and marker printer, power cord, USB cable, software
PROMARK CREATOR (annual subscription)

EOS5 - THERMAL TRANSFER PRINTER

M3
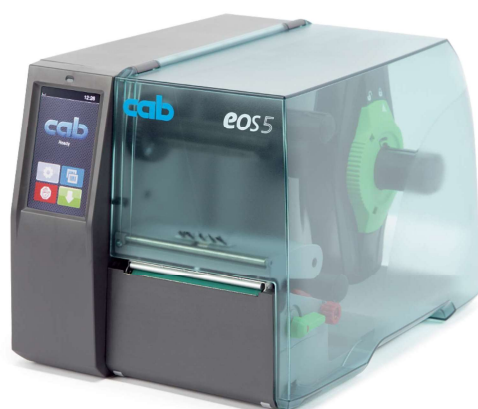
+ INFORMATION

+ A new, colourful touch screen.
+ Professional, efficient printer for the production of medium quantities of markers for cables, wires and electrical components.
+ Feeds, prints and perforates Partex profiles and labels.
+ MK10-EOS5 is a device for industrial applications, ideal for marking electrical installations and control cabinet components
+ The printer is connected to the computer via a USB 2.0 port and controlled by Promark Creator software.
+ Available also as mobile version, EOS5-MOBILE which can be equipped with a battery.
+ Wi-Fi module (optional).
+ Doesn't need an external reel stand. Most Partex profiles fit inside the device.
+ The max diameter of reel/ disk placed inside the device is up to 203 mm

+ PROPERTIES

Temperature range
operating temperature range / humidity: +5°C - 40°C/10 - 85%
storage temperature/ humidity: 0°C - 60°C/20 – 85%
To obtain the best printing result, the temperature of the profile
shoudn't be lower then +20°C

Thermal-transfer printing
Printable resolution 300 dpi

Print speed
150 mm/s

Print width
105.7 mm

Maximum label width
116 mm

Interfaces
USB 2.0 Hi-speed device to connect a PC, Ethernet 10/100 Mbit/s, 1 x
USB host on the operation panel for Service Key or USB memory stick,
2 x USB host on the back of the device for Service Key, USB memory
stick, keyboard, barcode scanner; USB Bluetooth adapter, USB WLAN
stick, external operation panel.

PC connection
Controlled by software Promark Creator

Operating system
Windows: XP, Vista, WIN 7. WIN8, WIN10

Main memory
256 MB RAM

Power supply
110~240 V AC, (50~60 Hz)
Certified CE

Dimensions
(W x D x H): 264 x 247 x 412 mm

Weight
5 kg

+ ACCESSORIES

ARTICLE NUMBER	INFORMATION	PACK UNIT (MOQ)
MK-STV	Reel stand for small and bulk reels	1 pce
MK-RS3	Small reel stand, mountable	1 pce

+ KIT CONTENTS

MK10-EOS5 - label and marker printer with a battery, power cord, USB cable, software PROMARC CREATOR (annual subscription).

MK10-EOS5-MOBILE - label and marker printer with a battery, power cord, USB cable, software PROMARC CREATOR (annual subscription).

MK10-SQUIX - THERMAL TRANSFER PRINTER

M3

* pictured with optional cutting unit

+ INFORMATION

+ Compact heavy duty printer for high demand production for wire, cable and component marking

+ Feeds, prints and cuts bulk Partex profiles.MK10-SQUIX is a very cost effective identification system for use in panel building and electrical installations.

+ USB connection, controlled by Partex software.

+ Quick and simple handling thanks to the touch screen.

+ The built-in Wi-Fi module allows for wireless data transmission

+ MK10-SQUIX is a modern thermal transfer printer with a high production speed (up to 300mm/sec).

+ MK10-SQUIX can be connected to your computer with a USB cable or WI-Fi module and controlled by Partex software Promark Creator.

+ The profiles are introduced into the printer from outside or unrolled from rolls and discs placed inside the device, then they are printed and perforated to the specified length selected by the user.

+ The max diameter of reel/ disk placed inside the device is up to 205 mm

+ Numerous features, the touch screen, and broad printer head with 300 dpi resolution make this an excellent excellent device for industrial applications

+ Adjustable head pressure enables printing on Partex profiles of varied thickness.

+ PROPERTIES

Temperature range
operating temperature range / humidity: +5°C - 40°C/10 - 85%
storage temperature/ humidity: 0°C - 60°C/20 – 85%
To obtain the best printing result, the temperature of the profile shoudn't be lower then +20°C

Thermal-transfer printing
Printable resolution 300 dpi

Print speed
300 mm/s

Print width
105.7 mm

Maximum label width
116 mm

PC connection
Controlled by software Promark Creator: USB 2.0, Ethernet 10/100 Mbit/s, modut Wi-Fi
Operating system
Windows: XP, Vista, WIN 7. WIN8, WIN10

Memory
Main memory (RAM) 256 MB, Data memory (IFFS) 50 MB

Power supply
110~240 V AC, (50~60 Hz), FCC klasa A, CB, CCC, cULus, CoC, EAC, Certified CE

Dimensions
(W x D x H): 252 x 460 x 288 mm

Weight
10 kg

MK10-SQUIX - label and marker printer, power cord, USB cable, ink ribbon, Wi-Fi module, software PROMARK CREATOR (annual subscription).

MK10-SQUIX-SET - label and marker printer, cutter, power cord, USB cable, ink ribbon, Wi-Fi module, software PROMARK CREATOR (annual subscription).

+ SPECIFICATION

+ MK10-SQUIX is a modern thermal transfer printer with a high production speed (up to 300mm/sec).

+ MK10-SQUIX can be connected to your computer with a USB cable or WI-Fi module and controlled by Partex software.

+ The profiles are introduced to the printer from outside or unrolled from rolls and discs placed inside the device, then they are printed and perforated to the specified length selected by the user.

+ Numerous features, the touch screen, and broad printer head with 300 dpi resolution make that this is an excellent device for industrial applications.

+ PROFILES TO PRINT

+ PO and POZ profiles with diameters of 1.3 - 8.0mm (POZ is the halogen-free version).

+ PHZF – Flat, halogen-free, heat shrinkable tubes with diameters 2.4 - 38.0mm before shrinking.

+ PP+ profile – Height of 4.6 and 9.0mm compatible with profiles: PT+/PTC/PTZ and PM, PTM, PS.

+ PP+ profile – Height of 6.3, 10.0 and 11.0mm compatible with Wago connectors (TopJobs), Phoenix Contact, Etrelec.

+ PPA+ – Self-adhesive profile.

+ PO-068 profile – Used for marking cables with PKH and POH holders.

+ Labels.

+ Prosleeve:
   - The series of specialised markers with increased resistance
   - ladder format printable heat-shrink tubing SG,MS,HF,NF,EF,ET
   - cable markers CMZ,CMM,CMD,CML,CMT
   - panel label EPL,EPF.

MARKING MACHINE

MARKERS PRINTED BY MK10-SQUIX

M3

✦ PO-PROFILE

TYPE	HALOGEN FREE VERSION	DIAMETER [mm] [min/max]	CROSS SECTIONAL [mm²]	PACKAGING
PO-01	POZ01	1.3/1.8	0.25	6 m / 250 m
PO-02	POZ02	1.7/2.2	0.5	5 m / 60 m / 250 m
PO-03	POZ03	2.0/2.5	0.75	4.5 m / 50 m / 250 m
PO-04	POZ04	2.2/2.8	1.0	4.5 m / 50 m / 200 m
PO-05	POZ05	2.7/3.5	1.5	4 m / 40 m / 200 m
PO-06	POZ06	3.2/4.0	2.5	3.5 m / 40 m / 200 m
PO-06Q**	-	-	-	3.5 m / 40 m
PO-068Q**	PKZ20Q	-	-	25 m / 50 m
PO-068TW	PKZ20	6.8/7.0	-	4.5 m / 50 m
PO-07	POZ07	3.8/4.7	4.0	3.5 m / 30 m / 100 m
PO-08	POZ08	4.6/5.5	6.0	3 m / 30 m / 100 m
PO-09	POZ09	5.6/7.0	10.0	50 m
PO-10	POZ10	6.5/8.0	16.0	50 m

STANDARD COLOUR: yellow, white. Others on request. ***** Mounting with marker holder POH or PKH ****** Mounting with cable tie

PO/POZ
▶ PAGE 28

PO-068
▶ PAGE 28

✦ FLAT HEATSHRINKABLE TUBES PHZF

TYPE	DESCRIPTION	PACKAGING
PHZF20024	Flat heat shrink 2.4 / 1.2 mm	100 m / 25 m
PHZF20032	Flat heat shrink 3.2 / 1.6 mm	100 m / 25 m
PHZF20048	Flat heat shrink 4.8 / 2.4 mm	100 m / 25 m
PHZF20064	Flat heat shrink 6.4 / 3.2 mm	100 m / 25 m
PHZF20095	Flat heat shrink 9.5 / 4.8 mm	75 m
PHZF20127	Flat heat shrink 12.7 / 6.4 mm	50 m
PHZF20190	Flat heat shrink 19.0 / 9.5 mm	50 m
PHZF20254	Flat heat shrink 25.4 / 12.7 mm	50 m
PHZF20380	Flat heat shrink 38.0 / 19.1 mm	50 m

STANDARD COLOUR: yellow, white. Others on request.

PHZF
▶ PAGE 34

TYPE	HEIGHT [mm]	FIT FOR	PACKAGING
PP+046	4.6	PT+, PTC, PTZ, PM-10	17 m
PP+10	10.2	Phoenix Contact terminal blocks*	17 m
PP+063	6.3	PM-20, PS	17 m
PP+09	9.0	ABB Entrelec terminal blocks and PM sleeves	17 m
PP+110	11.0	Wago (Top Jobs) terminal blocks	17 m
PPA+09	9.0	Components	10 m

STANDARD COLOUR: yellow, white.   ***** UT2.5, UTTB2.5, ST4, DT2.5, QTC, DTI2.5

PP+
▶ PAGE 84

PT+
▶ PAGE 48

PTC
▶ PAGE 50

PM
▶ PAGE 52

PTM
▶ PAGE 54

PS
▶ PAGE 82

TYPE	HEIGHT [mm]	LENGTH [mm]	PACKAGING
PPQ+10040	10	40	500 pcs.
PPQ+10060	10	60	333 pcs.
PPQ+10080	10	80	250 pcs.
PPQ+19040	19	40	500 pcs.
PPQ+19060	19	60	333 pcs.
PPQ+19080	19	80	250 pcs.
PPQ+38060	38	60	333pcs.
PPQ+38080	38	80	250 pcs.
PPQ+38100	38	100	200 pcs.

STANDARD COLOUR: yellow, white.   **MOUNTED:** by cable tie.

PPQ+
▶ PAGE 56

MARKING MACHINE

MK10-DH - THERMAL TRANSFER PRINTER WITH DUAL PRINTING HEAD

123
M3
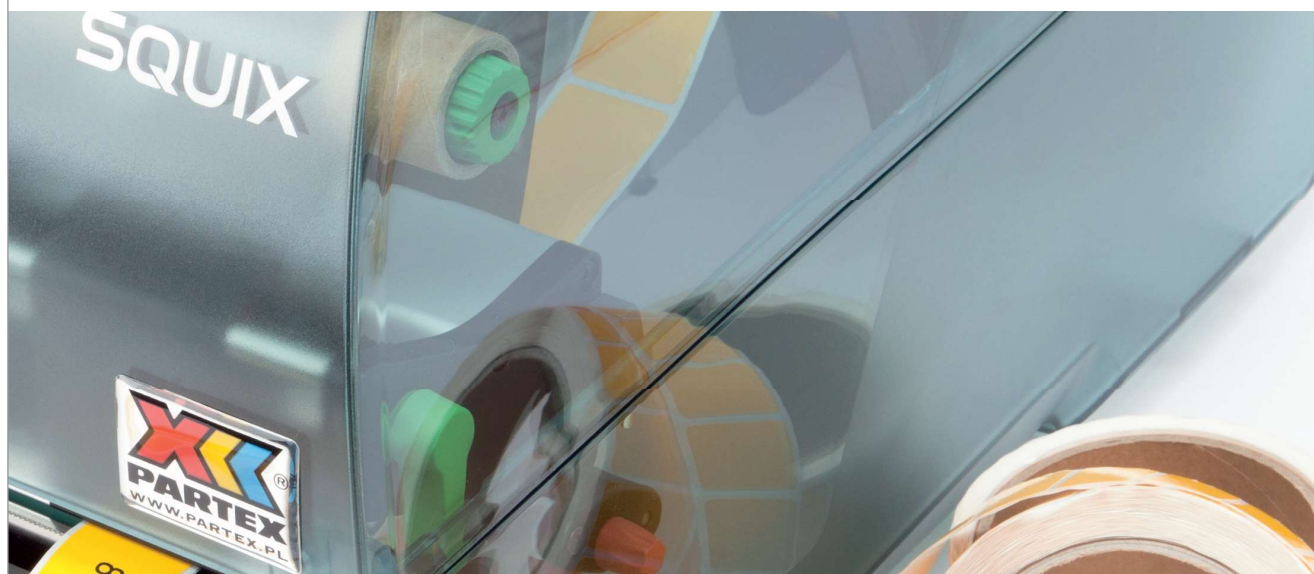
* pictured with optional cutting unit

+ INFORMATION

+ Prints on both sides of the profile. (Dual printing heads)

+ Compact heavy duty printer for high demand production of wire, cable and component markings

+ Feeds, prints and cuts bulk Partex profiles.

+ USB connection, controlled by Partex software Promark Creator.

+ MK10-DH is a modern thermal transfer printer with a high production speed (up to 125mm/sec).

+ MK10-DH can be connected directly to a computer with a USB cable and is controlled by Partex software Promark Creator. It prints onto both sides of the profile, direct from the reel, and can cut the markers to the required length.

+ The max diameter of reel/ disk placed inside the device is up to 300 mm

+ PROPERTIES

Temperature range
operating temperature range / humidity: +5°C - 40°C/10 - 85%
storage temperature/ humidity: 0°C - 60°C/20 – 85%
To obtain the best printing result, the temperature of the profile
shoudn't be lower then +20°C

Thermal-transfer printing
Printable resolution 300 dpi

Print speed
125 mm/s

Interfaces
Controlled by software Promark Creator
USB 2.0, Ethernet 10/100 Mbit/s, 2 x USB

Power supply
100 – 240V (50 – 60Hz)
300W
Certified CE

Dimensions
(W x D x H): 248 x 554 x 335 mm

Weight
21 kg

+ KIT CONTENTS

MK10-DH - thermal transfer printer with dual printing head, power cord, USB cable, software PROMARK CREATOR (annual subscription).

MK10-DH-SET - thermal transfer printer with dual printing head, cutter, power cord, USB cable, software PROMARK CREATOR (annual subscription).

+ ACCESSORIES

MK-STV
Reel stand
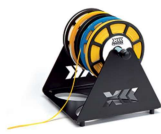
MK-RS3
Small reel stand

MK10-CU
Cutting

RIBBONS
▶ PAGE 81

+ MK10-DH is a modern thermal transfer printer with a high production speed (up to 125mm/sec).

+ MK10-DH can be connected directly to a computer with a USB cable and is controlled by Partex Winsign software. It prints onto both sides of the profile, direct from the reel, and can cut the markers to the required length.

MARKING MACHINE

MARKERS PRINTED BY MK10

M3

✚ PO-PROFILE

TYPE	HALOGEN FREE VERSION	DIAMETER [mm] [min/max]	CROSS SECTIONAL [mm²]	PACKAGING
PO-01	POZ01	1.3/1.8	0.25	6 m / 250 m
PO-02	POZ02	1.7/2.2	0.5	5 m / 60 m / 250 m
PO-03	POZ03	2.0/2.5	0.75	4.5 m / 50 m / 250 m
PO-04	POZ04	2.2/2.8	1.0	4.5 m / 50 m / 200 m
PO-05	POZ05	2.7/3.5	1.5	4 m / 40 m / 200 m
PO-06	POZ06	3.2/4.0	2.5	3.5 m / 40 m / 200 m
PO-06Q**	-	-	-	3.5 m / 40 m
PO-068Q**	PKZ20Q	-	-	25 m / 50 m
PO-068TW	PKZ20	6.8/7.0	-	4.5 m / 50 m
PO-07	POZ07	3.8/4.7	4.0	3.5 m / 30 m / 100 m
PO-08	POZ08	4.6/5.5	6.0	3 m / 30 m / 100 m
PO-09	POZ09	5.6/7.0	10.0	50 m
PO-10	POZ10	6.5/8.0	16.0	50 m

STANDARD COLOUR: yellow, white. Others on request.   ***** Mounting with marker holder POH or PKH   ****** Mounting with cable tie

PO/POZ

PO-068

✚ FLAT HEATSHRINKABLE TUBES PHZF

TYPE	DESCRIPTION	PACKAGING
PHZF20024	flat heat shrink 2.4 / 1.2 mm	100 m / 25 m
PHZF20032	flat heat shrink 3.2 / 1.6 mm	100 m / 25 m
PHZF20048	flat heat shrink 4.8 / 2.4 mm	100 m / 25 m
PHZF20064	flat heat shrink 6.4 / 3.2 mm	100 m / 25 m
PHZF20095	flat heat shrink 9.5 / 4.8 mm	75 m
PHZF20127	flat heat shrink 12.7 / 6.4 mm	50 m
PHZF20190	flat heat shrink 19.0 / 9.5 mm	50 m
PHZF20254	flat heat shrink 25.4 / 12.7 mm	50 m
PHZF20380	flat heat shrink 38.0 / 19.1 mm	50 m

STANDARD COLOUR: yellow, white. Others on request.

PHZF

TYPE	HEIGHT [mm]	FIT FOR	PACKAGING
PP+046	4.6	PT+, PTC, PTZ, PM-10	50 m / 17 m
PP+10	10.2	terminals Phoenix Contact *	50 m / 17 m
PP+063	6.3	PM-20, PS	50 m / 17 m
PP+09	9.0	terminals ABB Entrelec	50 m / 17 m
PP+110	11.0	terminals Wago (TopJobs)	50 m / 17 m
PPA+09	9.0	components	20 m / 10 m

STANDARD COLOUR: yellow, white. ***** UT2.5, UTTB2.5, ST4, DT2.5, QTC, DTI2.5

PP+
▷ **PAGE 84**

PT+
▷ **PAGE 48**

PTC
▷ **PAGE 50**

PM
▷ **PAGE 52**

PTM
▷ **PAGE 54**

PS
▷ **PAGE 82**

TYPE	HEIGHT [mm]	LENGTH [mm]	PACKAGING
PPQ+10040	10	40	500 pcs.
PPQ+10060	10	60	333 pcs.
PPQ+10080	10	80	250 pcs.
PPQ+19040	19	40	500 pcs.
PPQ+19060	19	60	333 pcs.
PPQ+19080	19	80	250 pcs.
PPQ+38060	38	60	333pcs.
PPQ+38080	38	80	250 pcs.
PPQ+38100	38	100	200 pcs.

STANDARD COLOUR: yellow, white. **MOUNTED** with cable tie.

PPQ+
▷ **PAGE 56**

PRIMACY - THERMAL TRANSFER PFC CARD PRINTER
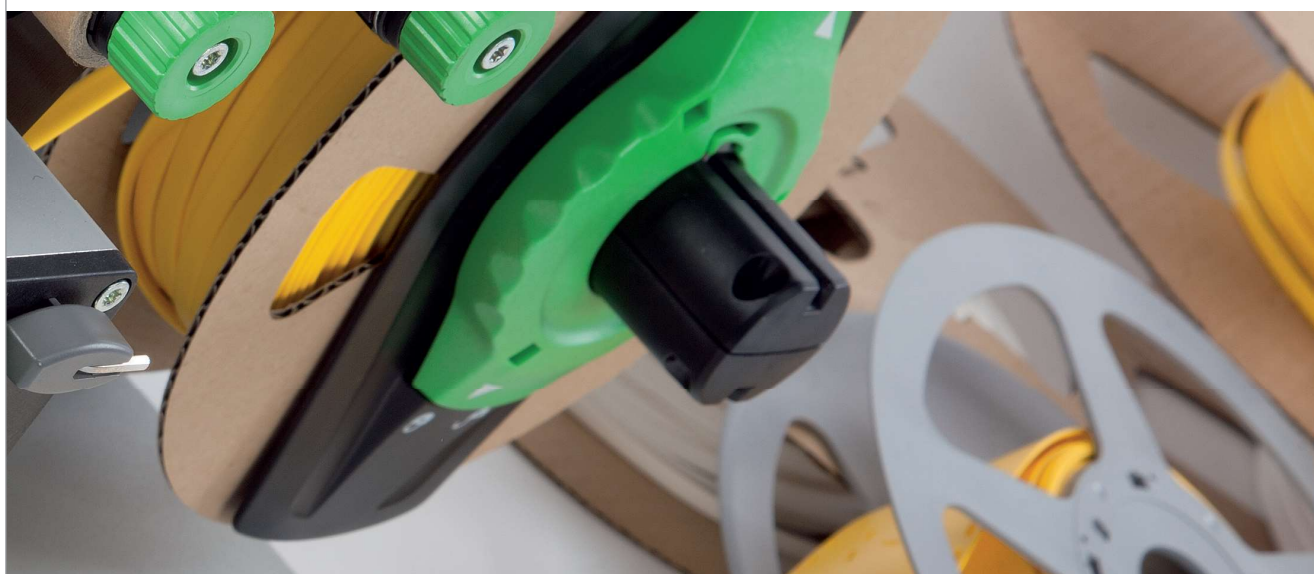
+ INFORMATION

+ Cost effective printing solution for Partex marker cards system.

+ Single sided printer for larger production volumes.

+ Prints onto Partex PFC-cards.

+ Connected to a PC and controlled by Partex WinSign software .

+ PROPERTIES

Temperature range:
Operating temperature: +15°C to +30°C
Storage temperature: -5°C to +70°C

Operating humidity: 20% to 65% non-condensing
Storage humidity: 20% to 70% non-condensing

To obtain the best printing result, the temperature
of the profile shouldn't be lower than +20°C

Thermal transfer printing
300 dpi print resolution

PC connection
USB (1.0, 1.1, 2.0, 3.0) and Partex WinSign software

Dimensions
247x205x381mm (HxWxD)

Printing speed
1000 cards/hour monochrome

+ PRINTER AND ACCESSORIES   + ORDERING INFORMATION

ARTICLE NUMBER	INFORMATION	PACK UNIT (MOQ)
PRIMACY	Primacy card printer, black ribbon and cleaning kit.	1 pce
PRIMACY-RB-BK	Black ribbon for PFC cards made of ABS. (2000 prints)	1 pce
PRIMACY-RB-BKFLEX	Black ribbon for PFC cards made of Polyamide. (1000 prints)	1 pce
PRIMACY-ACL001	Regular cleaning kit, (5 cards with an adhesive side and 5 cleaning sticks)	1 pce
PRIMACY-ACL002	Advanced cleaning kit, (2 T-cards, 2 adhesive cleaning cards, 1 pen and 60 wipes)	1 pce

ARTICLE NUMBER	INFORMATION	MARKER TAG/LABEL LENGTH X HEIGHT (INCH)	QTY/CARD	QTY/BOX	MATERIAL	SUITABLE PARTEX HOLDER SYSTEM
PFC04212KA*	Marker tag - wire	12 x 4.2	21	525	ABS	PT+, PTZ+, PTC, PM,PTM
PFC04215KA*	Marker tag - wire	15 x 4.2	21	525	ABS	PT+, PTZ+, PTC, PM,PTM
PFC04218KA*	Marker tag - wire	18 x 4.2	21	525	ABS	PT+, PTZ+, PTC, PM,PTM
PFC04221KA*	Marker tag - wire	21 x 4.2	21	525	ABS	PT+, PTZ+, PTC, PM,PTM
PFC04230KA*	Marker tag - wire	30 x 4.2	14	350	ABS	PT+, PTZ+, PTC, PM,PTM
PFC07533KA*	Marker tag - cable	33 x 7.5	9	225	ABS	PTZ+15/25/35, PM20
PFC09518KA*	Marker tag - component / cable	18 x 9.5	20	500	ABS	PM24, PS20T
PFC09540KA*	Marker tag - cable marking	40 x 9.5	8	200	Polyamide/PA11	Cable tie mounting
PFC09580KA*	Marker tag - cable marking	80 x 9.5	4	100	Polyamide/PA11	Cable tie mounting

* = card colour (**4**:yellow, **9**:white)

PROMARK CREATOR

+ INFORMATION

+ Promark Creator is an excellent tool for the design and production management of markers

+ An intuitive program that allows you to flawlessly select markers with the proper parameters.

+ It enables the user to design even the most complex and elaborate description;

+ An advanced expression editor for the imported data is provided for this purpose.

+ Indispensable for the designers.

+ Extremely helpful both for users of the PROMARK and CAB type of printers family of printers and those who prefer to order ready printed and sorted markers direct to site.

+ SYSTEM REQUIREMENTS

Operating system
Windows XP or newer

CPU
Pentium 2GHz

RAM
2GB

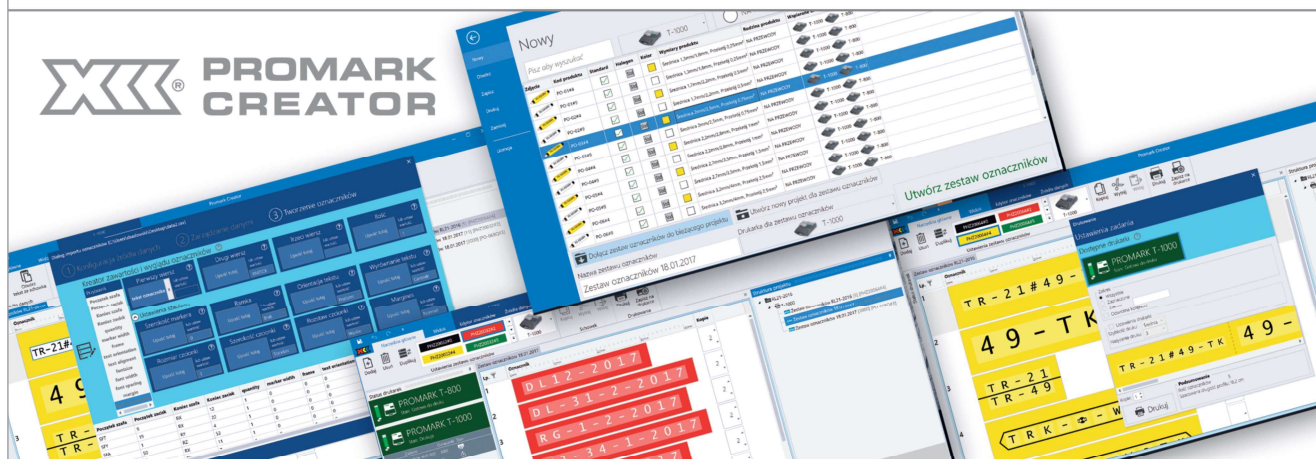**Software**
.NET Framework 4.0 or newer

Resolution
recomended 1366x768 or greater

+ TYPES

THE PROGRAM HAS TWO VERSIONS:

+ **DESIGN** – free unlimited time version intended for system designers and for those preparing technical documentation: marking of cables, wires, connectors and electrical components. This version enables the designof even the most complex descriptions. It allows for any configuration of the imported data, it is equipped with an advanced editor, and a variety of formatting features

+ **DESIGN AND PRINT** – version with all the features of the design, enriched with the ability to print. This version allows to print names on multiple devices and different profiles at the same time, while creating another documents. DESIGN AND PRINT is a licensed version of the Application, which operates thanks to renewable annual subscription.

+ **MDIW – MARKING DATA IMPORT WIZARD**
  Create your own projects by selecting the data important to you, out of the hundreds of parameters within the software. Add your own unique descriptions, symbols or numbers. You can also design the appearance of each marker during the data import. Automatically and easily import data from a variety of sources, including design programs such as SEE Electrical or Eplan

+ **VD – VISUAL DESIGN**
  Never again will you have to print a test marker to see what your work will look like. Thanks to the Promark Creator, you can be sure that the markers after printing, will look the same as they do on your computer screen.

+ **DP - DESIGN AND PRINT**
  You can print one project, and start building the next one without having to wait for completion of the printout.

+ **MP - MULTI PRINTING**
  The program allows you to simultaneously print several projects on multiple devices. This means that you can produce markers for different diameters of cables, or electrical components at the same time, without having to change the media.

+ **VP - VIRTUAL PRINTING**
  You do not have a printer? It doesn't matter! Any project that you prepare can be printed directly on the PARTEX production line! The completed markers will be sent to you immediately after printing.

+ **DSS – DESIGN, SAVE AND SEND**
  Create projects in one department and print them in another departments or even on site - wherever there is a dedicated printer.

+ | RELATED PRODUCTS

PROMARK-T1000   **MK10-EOS2.**   **MK10-EOS5**   **SQUIX**   **MK10-DH**