





ABOUT PARTEX



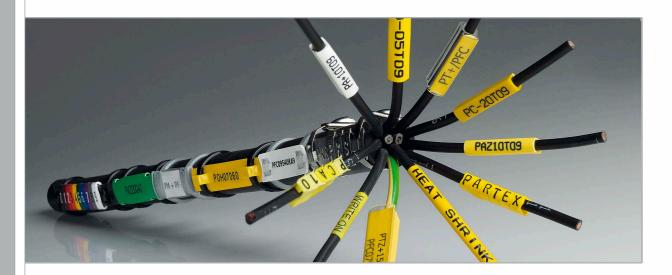
Partex UK headquarters

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

STANDARDS AND CERTIFICATES



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 \pm 5 pphm at 65° C to -2°C for 192 hours. |

Certified to:







MARKING METHODS I PACKAGING

MARKING METHODS

SINGLE CHARACTER MARKERS



MULTI CHARACTER MARKERS



ON-SITE

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

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

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

PACK AGING



reel of 1000 pcs



on a reel / in a bag



on reels



disc of 250/500 pcs



un sorted





multi pack

handy pack of 250 pcs

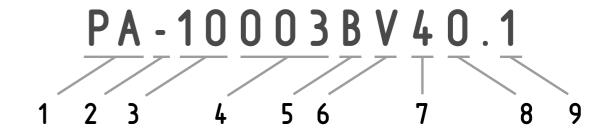


on tape / sheet





ARTICLE NUMBER



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.

INTERNATIONAL COLOUR CODE

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.



Single character closed markers for

page 14

page 20

wires with small diameters.











page 14

Single character closed markers. Straight Cut.

page 16

Single character open markers.

page 18



Multi-character marking

printers.

Heat-shrink tubing for thermal transfer

Single-character

open marker

on wires.





PO/POZ PA+/PC/PK+ Multi-character marking Multi-character marking Oval profile for marking wire and Markers printed according to customer cable (POZ - Halogen-free). requirements. page 26 page 28











Single-character markers mounted

page 22

Multi-character marking
Flat, halogen free heat shrink for thermal transfer printers. page 34



heat-shrink tubing. page 36-46



page 48

page 58-62



heat-shrink tubing.

Stainless steel markers laser etched with specified text or symbols.

Transparent holder for cable marking.

page 52

page 70

CMZ/CMM/CMD/CML/CMT

ProSleeve ladder format printable

Mounted with cable ties.

TIE/TAG

Write-on identifaction tags.

page 68



Printable marker cards, made from halogen free material.

page 85



Transparent holder for cable marking.

page 54

Mounted with cable ties.

PO/POZ

Multi-character marking

cable (POZ - Halogen-free).

Oval profile for marking wire and

SG/MS/HF/NF/EF/ET

ProSleeve ladder format printable

page 36-46

page 28

Single-character markers mounted on POH or PKH carriers

page 22



Flat and flexible cable marker

page 56







Multi-character marking Heat-shrink tubing for thermal transfer printers..

page 32



Multi-character marking Flat, halogen free heat shrink for thermal transfer printers. page 34



 ${\sf PKS}$ - single character Stainless steel single-character markers mounted on a metal holder

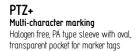
page 64



 ${\sf PKS} \cdot {\sf Multi-character}$ Multi-character markers embossed according to specification, with up to four lines of text.

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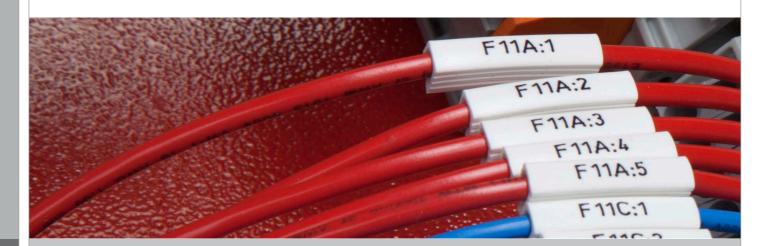
page 48



PTC Multi-character marking PC type sleeve with oval, transparent pocket for marker tags.

page 50









PROMARK-T1000

Professional and portable thermal transfer printer for the production of markers.

page 100



A compact thermal transfer printer suitable for printing onto PPQ cable markers.

page 104



MK10-DH Thermal transfer industrial printer to

page 106

Thermal transfer industrial printer to print double-sided markers

page 108



PRIMACY

ARKING MACHINES

Thermal transfer printer specifically designed for PFC cards.

page 112



RIBBONS

print markers

Thermal transfer ribbons for use in the EOS1, MK10 and MK10-DH printers

page 81



WinSign

Software for controlling Partex marking machines.

page 114



PE-P

Plates engraved with a two-layer plastic laminate



PS - Component markers Universal markers for marking

modular and electrical components.

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SSDT

Stainless steel dog tags laser engraved

page 73

Flat profile for insertion into marker

carriers or mounted terminal blocks

page 84



Warning, Danger and PAT test labels.

page 74



EPL/EPF

ProSleeve ladder format printable panel labels

page 80



Self-adhesive flat profile for component marking.

page 84



PROMARK-PL Self-adhesive labelling tape.

page 103



Cable Ties for outdoor use

HFC-UV

Halogen-free cable ties made from Nylon 6.6.



SST

Stainless steel cable ties

page 98

page 95



Coated cable ties Cable ties in stainless steel, coated with a layer of polyester.

page 99

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Cable ties for marking

Mounts for Stainless steel cable ties

page 97





Automatic tool for nylon cable ties.

page 97



SSTG/SSAT

Tensioning tools for stainless steel cable ties

page 97



TIE PEN Pen for manual marking of markers

Spiral tube

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CAS Cassettes to store single-character markers PA.

page 86

PAL/B

markers.



markers.

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Box for storage of single-character



Holder and applicators for single

page 87

PAL/50

MD/MDH

marker PA.

Box for storage of single-character

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PLD

Self-adhesive wrap around markers.





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SRC-T

Cardboard marker dispenser



Applicators for easy assembly of

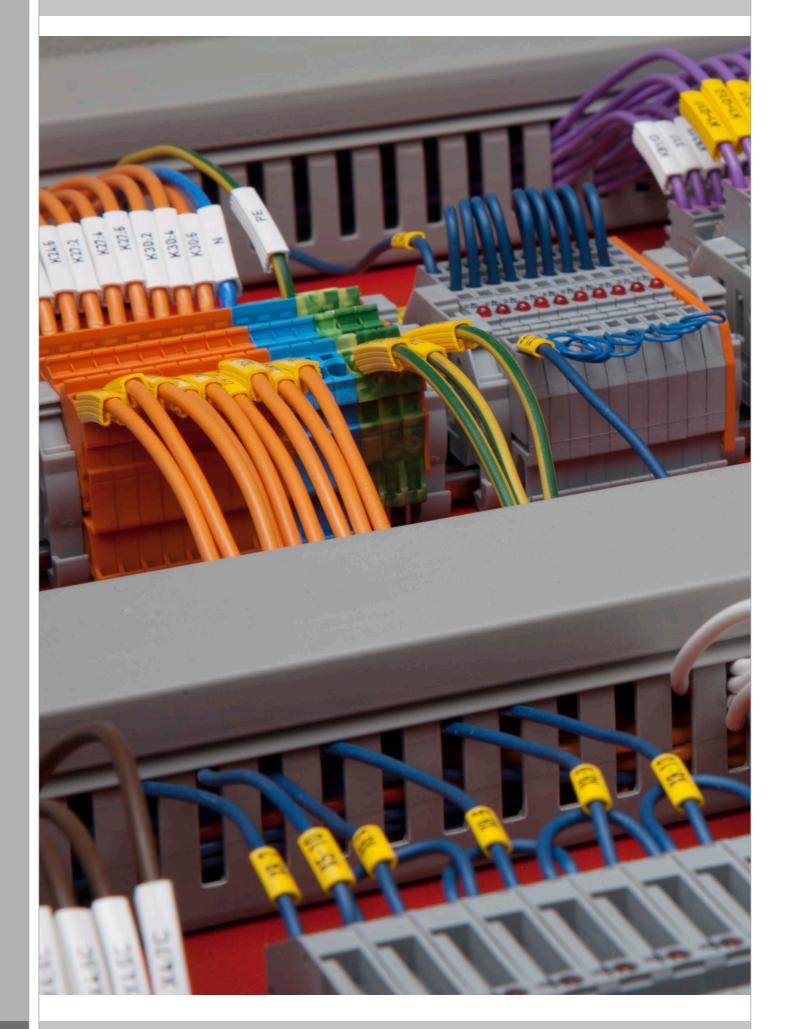
page 89

single character markers.

PUJ/MD10

Heavy duty, steel marker dispenser

page 93







- + 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

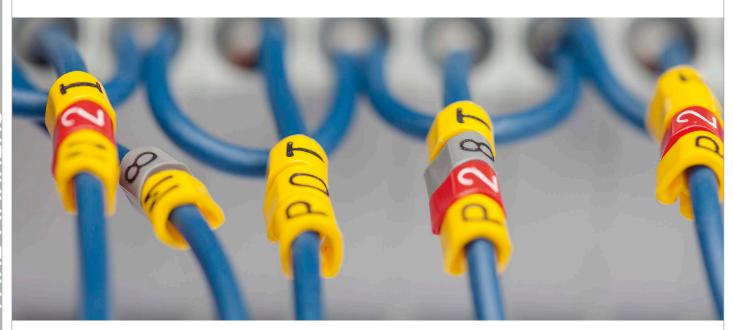
Standard colours

PA: yellow and white

international colour code for 0-9

PAZ: yellow and white

0-9, A-Z, + - / . : ~ \frac{1}{2}





| , B + | , - B |
|------------------|------------------|
| | |
| 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

APPLICATION

DIMENSIONS

| TYPE | DIAMETER / AREA* | LENGTH | NUMBER OF Characters | | PACKAGIN | G | |
|-------------|--|--------|-------------------------|--|---|-----|-------------------------------------|
| PY-01 | ~1.0 - 2.0 mm ~0.2 - 0,7 mm² | 3 mm | 1 | The state of the s | 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 mm ² | 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 | The state of the s | bag of 5x100 pcs - cut bag of 250 pcs - strips | 255 | disc of 250 pcs |
| PA-3/PAZ3 | ~8.0 - 16.0 mm 16.0 to 50.0 mm² | 6 mm | 1 | The state of the s | bag of 5x20 pcs - cut | | |

^{*} Size shown refers to BS6231 tri-rated cable.

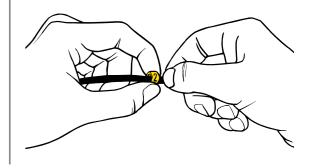
+ RELATED PRODUCTS



MD/MDH PAGE 87

CAS PAGE 86

PUJ/MD10 PAGE 89



WIRE MARKERS

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°C to +60°C

Material PVC

Print

hot stamped

Standard colours

yellow and white international colour code for 0-9

0-9, A-Z, + - / . : ~ \frac{1}{2}



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 |

+ SIZES AND PACKAGING

APPLICATION

| 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 mm ² | 4 mm | 1 | Jan 1 | bag of 5x100 pcs - cut bag of 250 pcs - strips | - | disc of 250 pcs |

^{*} Size shown refers to BS6231 tri-rated cable.

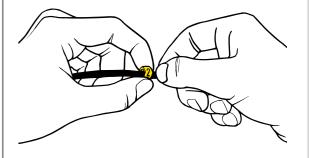
+ RELATED PRODUCTS



MD/MDH PAGE 87







WIRE MARKERS



- + 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°C to +60°C

Material PVC

Print

hot stamped

Standard colours

yellow and white international colour code for 0-9

Text 0-9, A-Z, + - / . : ~ \(\psi \)





| + | DIMENSIONS |
|---|------------|
| | |



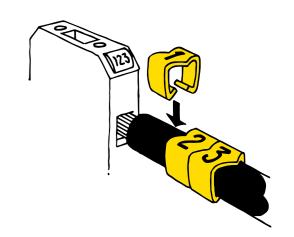
| TYPE | HEIGHT [H mm] | WIDTH [B mm] | HEIGHT TEXT [mm] |
|-------|---------------|--------------|------------------|
| PC-10 | 3.6 | 3.7 | 2.6 |
| PC-20 | 4.2 | 4.5 | 2.6 |
| PC-30 | 5.5 | 5.7 | 2.6 |
| PC-40 | 6.5 | 6.9 | 4.0 |

+ SIZES AND PACKAGING

| TYPE | CABLE DIAMETER | LENGTH | NUMBER OF CHARACTERS | PACKAGING |
|-------|---|--------|----------------------|-----------------------|
| PC-10 | ~2.4 - 3.0 mm ~0.5 - 1.5 mm ² | 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





- + 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

0-9, A-Z, + - $I_{::} \sim =$, or blank

Properties

Excellent resistance to petrol, oils and fats.





| | + B $+$ |
|-------------|---------|
| H + + | |

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

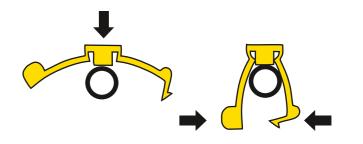
+ SIZES AND PACKAGING

DIMENSIONS

| 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







- + 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

PK+: hot stamped, PKZ: ink

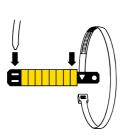
Standard colours

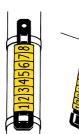
yellow and white and the international colour code for 0-9

0-9, A-Z, + - / . : ~ \(\psi \)

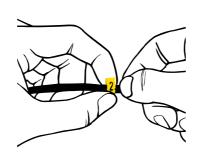
APPLICATION











RELATED PRODUCTS





| | B1 | |
|---|----|----------|
| Ţ | B2 | \Box |
| Ċ | | 5 |

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

ACCESSORIES

| + | SIZES AND PACKAGING |
|---|---------------------|
| | |

DIMENSIONS

| PRODUCT | LENGTH | MAX. QUAN- TITY PK-2 | MAX. QUAN- TITY PKZ2 | PACKAGING |
|-----------|--------|-------------------------|-------------------------|---------------------|
| PKH070 | 70 mm | 10 | - | pack of 100 pcs. |
| PKH070P0L | 70 mm | 10 | 7 | pack of 100 pcs. |
| PKH110P0L | 100 mm | 20 | 13 | pack of 100 pcs. |
| Р0Н07 | 60 mm | 8 | - | pack of 100 pcs. |
| P0H12 | 82 mm | 13 | - | pack of 100 pcs. |
| P0H18 | 110 mm | 19 | - | pack of 100 pcs. |
| P0H30 | 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)

| 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. |



MULTI CHARACTER MARKERS



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.couk



- 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







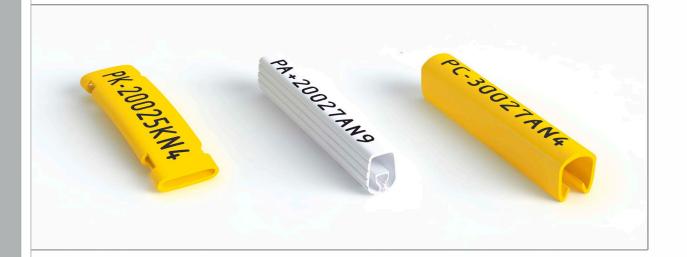












- + Multi-character markers printed according to customer specifications.
- + All of information on one sleeve.
- + Quick installation with fewer markers.
- + No residue, no need of inventory.

| + OPEN WIRE MARKERS | | | | | |
|---------------------|---------------------|----------------------|-------------|----------|--|
| | | | | | |
| TYPE | DIAMETER (mr | m] AREA [mm²] | LENGTH [mm] | NUMBER O | |
| 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 | |

4.0 - 6.0

9 - 100

1 - 30

| 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 |

16.0 - 50.0

CLOSED WIRE MARKERS

9 - 100

1 - 30

CABLE MARKERS

5.0 - 6.2

PC/PCZ-40

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

PA-3





PA+02027PN4

PC-30027AN4

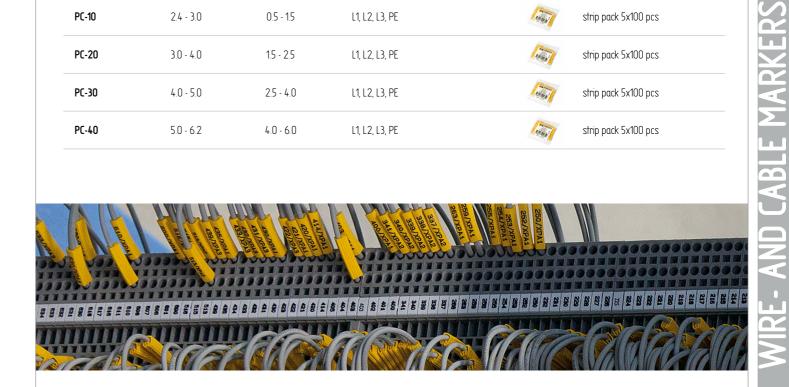
CUSTOMISED MULTI-CHARACTER MARKING, PA

| 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.

CUSTOMISED MULTI-CHARACTER MARKING, PC

| 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 |



^{8.0 - 16.0} * Size shown refers to BS6231 tri-rated cable.



- + 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 P0: -30°C to +60°C; P0Z: -30°C to +90°C

PO - PVC, POZ - ZEREX

thermal transfer

Standard colours

yellow and white, others available on request

RELATED PRODUCTS



PROMARK-T1000



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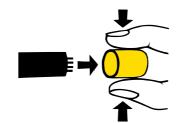


MK10-DH ▶ PAGE 108



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APPLICATION



P0-06000BN4

+ DIMENSIONS AND PACKAGING

| TYPE | TYPE - (ZERO HALOGEN) | DIAMETER [mm] [min/max] | AREA* [mm²] | | PACKAGING | COMPATIBLE | PRINTERS |
|-----------|-----------------------|-------------------------|-------------|--------|----------------------|---------------|---------------|
| P0-01 | P0Z-01 | 1.3 / 1.8 | | | 6 m / 250 m | | |
| P0-02 | P0Z-02 | 1.7 / 2.2 | | | 5 m / 60 m / 250 m | | |
| P0-03 | P0Z-03 | 2.0 / 2.5 | | | 4.5 m / 50 m / 250 m | | |
| P0-04 | P0Z-04 | 2.2 / 2.8 | 0.5 | | 4.5 m / 50 m / 200 m | | |
| P0-05 | P0Z-05 | 2.7 / 3.5 | 0.75-1.0 | | 4 m / 40 m / 200 m | R | |
| P0-06 | P0Z-06 | 3.2 / 4.0 | 1.5-2.5 | | 3.5 m / 40 m / 200 m | M AR | ₹ |
| P0-068* | PKZ20 | 6.8 / 7.0 | - | | 4.5 m / 50 m | PROMARK-T1000 | MK10, MK10-DH |
| P0-06Q** | - | - | - | (1848) | 3.5 m / 40 m | | 호 |
| P0-068Q** | PKZ20Q | - | - | | 25 m / 50 m | | |
| P0-07 | P0Z-07 | 3.8 / 4.7 | 4.0 | Chen's | 3.5 m / 30 m / 100 m | | |
| P0-08 | P0Z-08 | 4.6 / 5.5 | 6.0 | | 3 m / 30 m / 100 m | | |
| P0-09 | P0Z-09 | 5.6 / 7.0 | 10.0 | | Γ0 m | | |
| P0-10 | P0Z-10 | 6.5 / 8.0 | 16.0 | | 50 m | | |

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

[#] Size shown refers to BS6231 tri-rated cable.



DIAMETER BEFORE SHRINKING [mm]

2.4

3.2

4.8

6.4 9.5

12.7

19.0 25.4

32.0



DIAMETER AFTER SHRINKING [mm]

1.2

1.6

2.4 3.2

4.8

6.4 9.5

12.7

16.0

PO - WIRE AND CABLE MARKERS

| + | PHZ - HEAT SHI |
|---|----------------|
| | |

PHZ/PHZF20024

PHZ/PHZF20032

PHZ/PHZF20048

PHZ/PHZF20064

PHZ/PHZF20095 PHZ/PHZF20127

PHZ/PHZF20190

PHZ/PHZF20254

PHZ/PHZF20320

TYPE

| 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 | carrier |
|--|---|-----------|----|-----|-----|-----|---------|
|--|---|-----------|----|-----|-----|-----|---------|

^{**} Size shown refers to BS6231 tri-rated cable.

PACK AGING

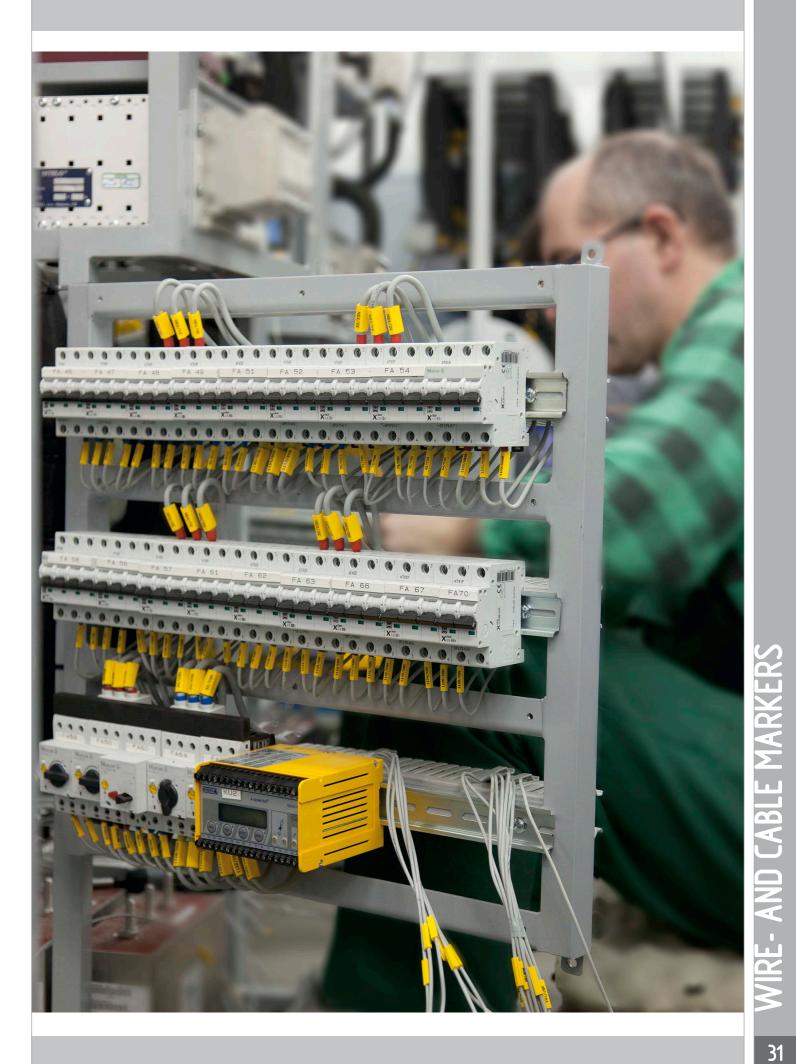




UN SORTED

ON A REEL / IN A BAG

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







- + 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 +125°C

Material

polyolefin, flame retardant in accordance with ASTM D2671

Print

thermal transfer

Standard colours

yellow and white, other colours available on request

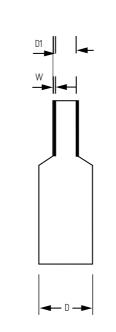
According to the standard

AMS-DTL-23053 Class 1 BS 6853:1999 CEN/TS 45545-2 UNI CEI 11170-3



PHZ20048BN4

+ DIMENSIONS AND PACKAGING



| 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 | | |
| PHZ20032 | 3.2 | 1.6 | 0.51 | 15 m or 100 m | PROMAR | |
| PHZ20048 | 4.8 | 2.4 | 0.51 | 12 m or 100 m | PROMARK-T1000 | |
| PHZ20064 | 6.4 | 3.2 | 0,64 | 12 m or 100 m | | 롲 |
| PHZ20095 | 9.5 | 4.8 | 0,64 | 75 m | | MK-10, MK10-DH |
| PHZ20127 | 12.7 | 6.4 | 0,64 | 50 m | | 皇 |
| 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 | | |

+ RELATED PRODUCTS



PROMARK-T1000

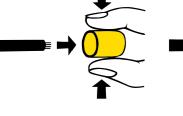
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MK10-DH
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)))))

APPLICATION



- + 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 +125°C

Halogen free, self-extinguishing in accordance with ASTM D2671

Print

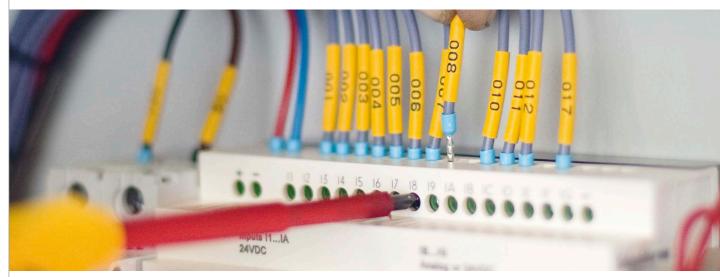
thermal transfer

Standard colours

yellow and white, other colours available on request

According to standard

AMS-DTL-23053 Class 1

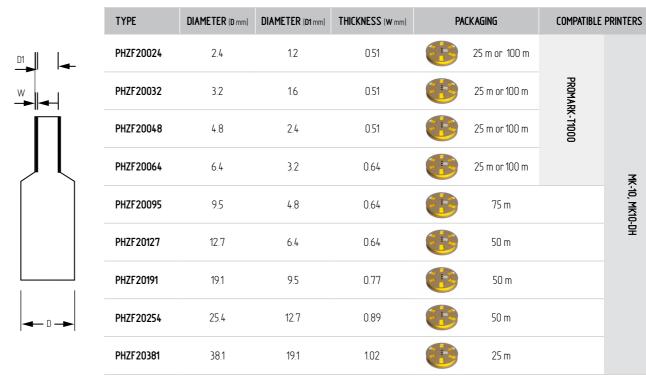


PHZF20127BN4

+ DIMENSIONS AND PACKAGING

MK-10, MK10-DH

MARKERS



RELATED PRODUCTS

PROMARK-T1000

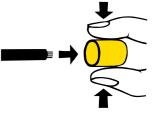
PAGE 100

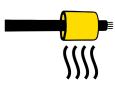


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MK10-DH ▶ PAGE 108





APPLICATION







SG - Standard Grade 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°C to +125°C

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°C to +125°C |
| 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℃ |









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RIBBONS PAGE 81

PROSLEEVE - SG STANDARD GRADE

+ PRODUCT RANGE

| ТҮРЕ | DIAMETER (mm) BEFORE SHRINKING | DIAMETER [mm] AFTER SHRINKING | SLEEVE LENGTH [mm] | MARKERS ACCROSS | MARKERS / BOX |
|--------------|--------------------------------|---|--------------------|-----------------|---------------|
| SG^024125LR* | 2.4 | 1.2 | 12.5 | 4 | 4000 |
| SG^024250LR* | 2.4 | 1.2 | 25 | 2 | 2000 |
| SG^024500LR* | 2.4 | 1.2 | 50 | 1 | 1000 |
| SG^032125LR* | 3.2 | 1.6 | 12.5 | 4 | 4000 |
| SG^032250LR* | 3.2 | 1.6 | 25 | 2 | 2000 |
| SG^032500LR* | 3.2 | 1.6 | 50 | 1 | 1000 |
| SG^048125LR* | 4.8 | 2.4 | 12.5 | 4 | 4000 |
| SG^048250LR* | 4.8 | 2.4 | 25 | 2 | 2000 |
| SG^048500LR* | 4.8 | 2.4 | 50 | 1 | 1000 |
| SG^064125LR* | 6.4 | 3.2 | 12.5 | 4 | 4000 |
| SG^064250LR* | 6.4 | 3.2 | 25 | 2 | 2000 |
| SG^064500LR* | 6.4 | 3.2 | 50 | 1 | 1000 |
| SG^095125LR* | 9.5 | 4.75 | 12.5 | 4 | 2000 |
| SG^095250LR* | 9.5 | 4.75 | 25 | 2 | 1000 |
| SG^095500LR* | 9.5 | 4.75 | 50 | 1 | 500 |
| SG^127125LR* | 12.7 | 6.4 | 12.5 | 4 | 2000 |
| SG^127250LR* | 12.7 | 6.4 | 25 | 2 | 1000 |
| SG^127500LR* | 12.7 | 6.4 | 50 | 1 | 500 |
| SG^180125LR* | 18.0 | 9.0 | 12.5 | 4 | 2000 |
| SG^180250LR* | 18.0 | 9.0 | 25 | 2 | 1000 |
| SG^180500LR* | 18.0 | 9.0 | 50 | 1 | 500 |
| SG^254250LR* | 25.4 | 12.7 | 25 | 2 | 600 |
| SG^254500LR* | 25.4 | 12.7 | 50 | 1 | 300 |
| SG^381500LR* | 38.1 | 19.1 | 50 | 1 | 100 |
| SG^508500LR* | 50.8 | 25.4 | 50 | 1 | 100 |

⁼ S (single sided), D (double sided); * = Colour (4=Yellow, 9=White) Recommended ribbon: 2020 series

www.partex.nu

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°C to +135°C

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°C to +135°C |
| Elongation After Heat Ageing 158°Cx168h) | 100% Min. |
| Heat Shock (250°Cx4h) | Pass no crack, flowing or dripping |
| Min. Shrink Temp. for full Recovery | +90°C |
| 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 |













RELATED PRODUCTS

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PROSLEEVE - MS MILITARY SPECIFICATION

| ТҮРЕ | DIAMETER [mm] BEFORE SHRINKING | DIAMETER [mm] AFTER SHRINKING | SLEEVE LENGTH [mm] | MARKERS ACCROSS | MARKERS / BOX |
|--------------|-----------------------------------|---|--------------------|-----------------|---------------|
| MS^024125LR* | 2.4 | 0.8 | 12.5 | 4 | 4000 |
| MS^024250LR* | 2.4 | 0.8 | 25 | 2 | 2000 |
| MS^024500LR* | 2.4 | 0.8 | 50 | 1 | 1000 |
| MS^032125LR* | 3.2 | 1.10 | 12.5 | 4 | 4000 |
| MS^032250LR* | 3.2 | 1.10 | 25 | 2 | 2000 |
| MS^032500LR* | 3.2 | 1.10 | 50 | 1 | 1000 |
| MS^048125LR* | 4.8 | 1.6 | 12.5 | 4 | 4000 |
| MS^048250LR* | 4.8 | 1.6 | 25 | 2 | 2000 |
| MS^048500LR* | 4.8 | 1.6 | 50 | 1 | 1000 |
| MS^064125LR* | 6.4 | 2.10 | 12.5 | 4 | 4000 |
| MS^064250LR* | 6.4 | 2.10 | 25 | 2 | 2000 |
| MS^064500LR* | 6.4 | 2.10 | 50 | 1 | 1000 |
| MS^095125LR* | 9.5 | 3.2 | 12.5 | 4 | 2000 |
| MS^095250LR* | 9.5 | 3.2 | 25 | 2 | 1000 |
| MS^095500LR* | 9.5 | 3.2 | 50 | 1 | 500 |
| MS^127125LR* | 12.7 | 4.2 | 12.5 | 4 | 2000 |
| MS^127250LR* | 12.7 | 4.2 | 25 | 2 | 1000 |
| MS^127500LR* | 12.7 | 4.2 | 50 | 1 | 500 |
| MS^180125LR* | 18.0 | 6.4 | 12.5 | 4 | 2000 |
| MS^180250LR* | 18.0 | 6.4 | 25 | 2 | 1000 |
| MS^180500LR* | 18.0 | 6.4 | 50 | 1 | 500 |
| MS^254250LR* | 25.4 | 8.5 | 25 | 2 | 600 |
| MS^254500LR* | 25.4 | 8.5 | 50 | 1 | 300 |
| MS^381500LR* | 38.1 | 12.7 | 50 | 1 | 100 |

⁼ S (single sided), D (double sided); * = Colour (4=Yellow, 9=White) Recommended ribbon: 2020 serie s

EAT SHRINK





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 | |





RELATED PRODUCTS

MK10-DH PAGE 108







RIBBONS PAGE 81

PROSLEEVE - HF HALOGEN FREE

| TYPE | DIAMETER [mm] BEFORE SHRINKING | DIAMETER [mm] AFTER SHRINKING | SLEEVE LENGTH [mm] | MARKERS ACCROSS | MARKERS / BOX |
|--------------|--|---|--------------------|-----------------|---------------|
| HF^024125LR* | 2.4 | 1.2 | 12.5 | 4 | 4000 |
| HF^024250LR* | 2.4 | 1.2 | 25 | 2 | 2000 |
| HF^024500LR* | 2.4 | 1.2 | 50 | 1 | 1000 |
| HF^032125LR* | 3.2 | 1.6 | 12.5 | 4 | 4000 |
| HF^032250LR* | 3.2 | 1.6 | 25 | 2 | 2000 |
| HF^032500LR* | 3.2 | 1.6 | 50 | 1 | 1000 |
| HF^048125LR* | 4.8 | 2.4 | 12.5 | 4 | 4000 |
| HF^048250LR* | 4.8 | 2.4 | 25 | 2 | 2000 |
| HF^048500LR* | 4.8 | 2.4 | 50 | 1 | 1000 |
| HF^064125LR* | 6.4 | 3.2 | 12.5 | 4 | 4000 |
| HF^064250LR* | 6.4 | 3.2 | 25 | 2 | 2000 |
| HF^064500LR* | 6.4 | 3.2 | 50 | 1 | 1000 |
| HF^095125LR* | 9.5 | 4.75 | 12.5 | 4 | 2000 |
| HF^095250LR* | 9.5 | 4.75 | 25 | 2 | 1000 |
| HF^095500LR* | 9.5 | 4.75 | 50 | 1 | 500 |
| HF^127125LR* | 12.7 | 6.4 | 12.5 | 4 | 2000 |
| HF^127250LR* | 12.7 | 6.4 | 25 | 2 | 1000 |
| HF^127500LR* | 12.7 | 6.4 | 50 | 1 | 500 |
| HF^190125LR* | 19.0 | 9.5 | 12.5 | 4 | 2000 |
| HF^190250LR* | 19.0 | 9.5 | 25 | 2 | 1000 |
| HF^190500LR* | 19.0 | 9.5 | 50 | 1 | 500 |
| HF^254250LR* | 25.4 | 12.7 | 25 | 2 | 600 |
| HF^254500LR* | 25.4 | 12.7 | 50 | 1 | 300 |
| HF^381500LR* | 38.1 | 19.1 | 50 | 1 | 100 |
| HF^508500LR* | 50.8 | 25 4 | 50 | 1 | 100 |

= S (single sided), D (double sided); * = Colour (4=Yellow, 9=White) Recommended ribbon: 2020 or 510 series





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 specificationsAdherence: 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) |









RELATED PRODUCTS

MK10 PAGE 106







EOS1 PAGE 104



PROSLEEVE - NF DIESEL SPECIFICATION

| + | PRODUCT | RANGE |
|---|---------|-------|
|---|---------|-------|

| TYPE | DIAMETER [mm] BEFORE SHRINKING | DIAMETER [mm] AFTER SHRINKING | SLEEVE LENGTH [mm] | MARKERS ACCROSS | MARKERS / BOX |
|--------------|-----------------------------------|---|--------------------|-----------------|---------------|
| NF^032125LR* | 3.2 | 1.10 | 12.5 | 4 | 4000 |
| NF^032250LR* | 3.2 | 1.10 | 25 | 2 | 2000 |
| NF^032500LR* | 3.2 | 1.10 | 50 | 1 | 1000 |
| NF^048125LR* | 4.8 | 1.6 | 12.5 | 4 | 4000 |
| NF^048250LR* | 4.8 | 1.6 | 25 | 2 | 2000 |
| NF^048500LR* | 4.8 | 1.6 | 50 | 1 | 1000 |
| NF^064125LR* | 6.4 | 2.10 | 12.5 | 4 | 4000 |
| NF^064250LR* | 6.4 | 2.10 | 25 | 2 | 2000 |
| NF^064500LR* | 6.4 | 2.10 | 50 | 1 | 1000 |
| NF^095125LR* | 9.5 | 3.2 | 12.5 | 4 | 2000 |
| NF^095250LR* | 9.5 | 3.2 | 25 | 2 | 1000 |
| NF^095500LR* | 9.5 | 3.2 | 50 | 1 | 500 |
| NF^127125LR* | 12.7 | 4.2 | 12.5 | 4 | 2000 |
| NF^127250LR* | 12.7 | 4.2 | 25 | 2 | 1000 |
| NF^127500LR* | 12.7 | 4.2 | 50 | 1 | 500 |
| NF^180125LR* | 18.0 | 6.4 | 12.5 | 4 | 2000 |
| NF^180250LR* | 18.0 | 6.4 | 25 | 2 | 1000 |
| NF^180500LR* | 18.0 | 6.4 | 50 | 1 | 500 |
| NF^254250LR* | 25.4 | 8.5 | 25 | 2 | 600 |
| NF^254500LR* | 25.4 | 8.5 | 50 | 1 | 300 |
| NF^381500LR* | 38.1 | 12.6 | 50 | 1 | 100 |
| NF^508500LR* | 50.8 | 16.9 | 50 | 1 | 100 |

= S (single sided), D (double sided); * = Colour (4=Yellow, 9=White) Recommended ribbon: 2020 series







EF - Extended **F**ire Resistant Printable Heat Shrink Sleeves

Flame retardant, zero halogen, low smoke, low toxicity radiation cross linked UV stabilised and printable polyolefin sleeves used for wire identification. Ideal for use where limited fire hazard properties are required. Developed for use in mass transit, and marine applications where human life is at risk. Meets London Underground Limited Standard

- + Flame Retardant
- + Self Extinguishing
- Zero Halogen
- + Easy Pick Application
- + Backing card perforated after every sleeve
- + Print performance to Military Specifications
- + RoHS and REACH Compliant

SPECIFICATIONS

Temperature range -40°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:

Meets DEF STAN 59-97, issue 3 type 8 LUL Standard 1-085 (Limited, dispersed usage) Formerly LUL 2-01001-002 BS6583 - Vehicle Cat. 1a

PROPERTIES

| THERMAL PROPERTIES | VALUE | TEST METHOD |
|--|-----------------|---------------------|
| Continuous Operating Temperature | -40°C to +105°C | - |
| Elongation After Heat Ageing (158°Cx168hrs) | 150% | ISO 37 |
| Cold Bend (-40°C) | Does not break | ASTM-D 2671 Meth. C |
| Elongation After Heat Shock (150°Cx4hrs) | 100% Min. | ASTM-D 2671 |
| Minimum Shrink Temperature | +115°C | ASTM-D 2671 |
| Flammability | Flame retardant | ASTM-D 635 |
| | | |

| PHYSICAL PROPERTIES | VALUE | TEST METHOD |
|---------------------|------------------------|-------------|
| Longitudinal Change | +-10% Max. | ASTM-D 2671 |
| Specific Gravity | 1.45 g/cm ³ | ISO/R 1183 |
| Tensile Strength | 10.0 MPa Min. | IEC 60684-2 |
| Elongation at Break | 200% Min. | IEC 60684-2 |
| Secant Modulus | 130 MPa Max. | ASTM-D 882 |

| CHEMICAL PROPERTIES | VALUE | TEST METHOD |
|----------------------|-------------------|---------------------|
| Chemical Resistance | Good to Excellent | - |
| Corrosion Action | Non-Corrosive | ASTM-D 2671 Meth. A |
| Copper Compatibility | Non-Corrosive | ASTM-D 2671 |
| | | |

| /mm IEC 243 |
|--------------------------|
| mxcm ASTM-D 2671 Meth. A |
| kdown ASTM-D 2671 |
| % ASTM-D 570 |
| |

| LOW FIRE HAZARD PROPERTIES | VALUE | TEST METHOD |
|----------------------------|-------|-------------|
| Oxygen Index | 32 | ISO 4589-2 |
| Toxicity (R Value) | 0.31 | BS6853 B1 |
| Smoke Emission (Ao) | 0.014 | BS6853 D8.3 |

PROSLEEVE - EF **EXTENDED FIRE SPECIFICATION**

| TYPE | DIAMETER [mm] BEFORE SHRINKING | DIAMETER [mm] AFTER SHRINKING | SLEEVE LENGTH [mm] | MARKERS ACCROSS | MARKERS / BOX |
|--------------|--|---|--------------------|-----------------|---------------|
| EF^024125LR* | 2.4 | 1.2 | 12.5 | 4 | 4000 |
| EF^024250LR* | 2.4 | 1.2 | 25 | 2 | 2000 |
| EF^024500LR* | 2.4 | 1.2 | 50 | 1 | 1000 |
| EF^032125LR* | 3.2 | 1.6 | 12.5 | 4 | 4000 |
| EF^032250LR* | 3.2 | 1.6 | 25 | 2 | 2000 |
| EF^032500LR* | 3.2 | 1.6 | 50 | 1 | 1000 |
| EF^048125LR* | 4.8 | 2.4 | 12.5 | 4 | 4000 |
| EF^048250LR* | 4.8 | 2.4 | 25 | 2 | 2000 |
| EF^048500LR* | 4.8 | 2.4 | 50 | 1 | 1000 |
| EF^064125LR* | 6.4 | 3.2 | 12.5 | 4 | 4000 |
| EF^064250LR* | 6.4 | 3.2 | 25 | 2 | 2000 |
| EF^064500LR* | 6.4 | 3.2 | 50 | 1 | 1000 |
| EF^095125LR* | 9.5 | 4.75 | 12.5 | 4 | 2000 |
| EF^095250LR* | 9.5 | 4.75 | 25 | 2 | 1000 |
| EF^095500LR* | 9.5 | 4.75 | 50 | 1 | 500 |
| EF^127125LR* | 12.7 | 6.4 | 12.5 | 4 | 2000 |
| EF^127250LR* | 12.7 | 6.4 | 25 | 2 | 1000 |
| EF^127500LR* | 12.7 | 6.4 | 50 | 1 | 500 |
| EF^190125LR* | 19.0 | 9.5 | 12.5 | 4 | 2000 |
| EF^190250LR* | 19.0 | 9.5 | 25 | 2 | 1000 |
| EF^190500LR* | 19.0 | 9.5 | 50 | 1 | 500 |
| EF^254250LR* | 25.4 | 12.7 | 25 | 2 | 600 |
| EF^254500LR* | 25.4 | 12.7 | 50 | 1 | 300 |
| EF^381500LR* | 38.1 | 19.0 | 50 | 1 | 100 |

^{~=} S (single sided), D (double sided); * = Colour (4=Yellow, 9=White) Recommended ribbon: 2020 series









MK10-DH PAGE 108



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RIBBONS PAGE 81

EAT SHRINK

EAT

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ET - Extreme Temperature 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. | |











RELATED PRODUCTS





EOS1 PAGE 104



PAGE 108

PROSLEEVE - ET EXTREME TEMPERATURE PERFORMANCE

| TYPE | DIAMETER [mm] BEFORE SHRINKING | DIAMETER [mm] AFTER SHRINKING | SLEEVE LENGTH [mm] | MARKERS ACCROSS | MARKERS / BOX |
|--------------|-----------------------------------|---|--------------------|-----------------|---------------|
| ET^024125LR9 | 2.4 | 1.2 | 12.5 | 4 | 4000 |
| ET^024250LR9 | 2.4 | 1.2 | 25 | 2 | 2000 |
| ET^024500LR9 | 2.4 | 1.2 | 50 | 1 | 1000 |
| ET^032125LR9 | 3.2 | 1.6 | 12.5 | 4 | 4000 |
| ET^032250LR9 | 3.2 | 1.6 | 25 | 2 | 2000 |
| ET^032500LR9 | 3.2 | 1.6 | 50 | 1 | 1000 |
| ET^048125LR9 | 4.8 | 2.4 | 12.5 | 4 | 4000 |
| ET^048250LR9 | 4.8 | 2.4 | 25 | 2 | 2000 |
| ET^048500LR9 | 4.8 | 2.4 | 50 | 1 | 1000 |
| ET^064125LR9 | 6.4 | 3.2 | 12.5 | 4 | 4000 |
| ET^064250LR9 | 6.4 | 3.2 | 25 | 2 | 2000 |
| ET^064500LR9 | 6.4 | 3.2 | 50 | 1 | 1000 |
| ET^095125LR9 | 9.5 | 4.75 | 12.5 | 4 | 2000 |
| ET^095250LR9 | 9.5 | 4.75 | 25 | 2 | 4000 |
| ET^095500LR9 | 9.5 | 4.75 | 50 | 1 | 500 |
| ET^127125LR9 | 12.7 | 6.4 | 12.5 | 4 | 2000 |
| ET^127250LR9 | 12.7 | 6.4 | 25 | 2 | 4000 |
| ET^127500LR9 | 12.7 | 6.4 | 50 | 1 | 500 |
| ET^190125LR9 | 19.0 | 9.5 | 12.5 | 4 | 2000 |
| ET^190250LR9 | 19.0 | 9.5 | 25 | 2 | 4000 |
| ET^190500LR9 | 19.0 | 9.5 | 50 | 1 | 500 |
| ET^254250LR9 | 25.4 | 12.7 | 25 | 2 | 600 |
| ET^254500LR9 | 25.4 | 12.7 | 50 | 1 | 300 |
| ET^381500LR9 | 38.1 | 19.0 | 50 | 1 | 100 |

^{~=} S (single sided), D (double sided); Recommended ribbon: HT series







- + 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°C to +60°C PTZ+: -30°C to +90°C Material

PT+: PVC PTZ+: ZEREX

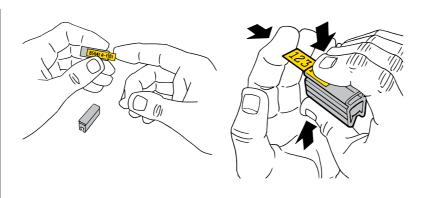
+ RELATED PRODUCTS







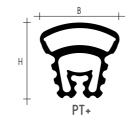
PFC ▶ PAGE 85



APPLICATION



+ DIMENSIONS



| 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 |

+ SIZES AND PACKAGING

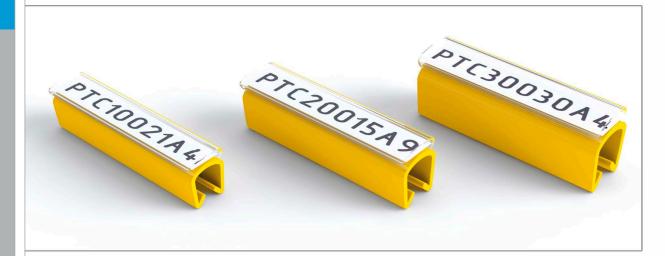
| TYPE | DIAMETER / AREA* | LENGTH | SUITABLE TAG | | PACKAGING |
|---------------|--|---|-----------------|-----|------------------|
| PT+02/PTZ+02 | ~1.3 - 3.0 mm 0.5 to 0.75 mm ² | 12 mm 15 mm 18 mm 21 mm 30 mm | PFC042 / PP+046 | | pack of 200 pcs |
| PT+10/PTZ+10 | ~2.5 - 5.0 mm 0.75 to 4.0 mm² | 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 | H | pack of 100 pcs. |
| PT+30/ PTZ+30 | ~8.0 - 16.0 mm 16.0 to 50.0 mm ² | 12 mm 15 mm 18 mm 21 mm 30 mm | PFC042 / PP+046 | 137 | pack of 50 pcs. |

* Size shown refers to BS6231 tri-rated cable.

WIRE MARKERS







- + 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-VO

+ RELATED PRODUCTS





PP+ ▶ PAGE 84

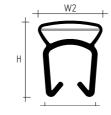




APPLICATION

PTC10021A4

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|--|---|---------------|
| | | |
| | | |



| 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

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| TYPE | DIAMETER / AREA | LENGTH | SUITABLE TAG | PACKAGING |
|-------|---|-------------------------|------------------|------------------|
| PTC10 | ~2.4 - 3.0 mm ~0.5 - 1.5 mm² | 15 mm 21 mm 30 mm | PFC042 or PP+046 | pack of 200 pcs. |
| PTC20 | ~3.0 - 4.0 mm ~1.5 - 2.5 mm² | 15 mm 21 mm 30 mm | PFC042 or PP+046 | pack of 200 pcs. |
| PTC30 | ~4.0 - 5.0 mm ~2.5 - 4.0 mm² | 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 mm² | 15 mm 21 mm 30 mm | PFC042 or PP+046 | pack of 100 pcs. |

^{*} Size shown refers to BS6231 tri-rated cable.









- + 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°C to $+60^{\circ}\text{C}$

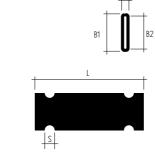
Material





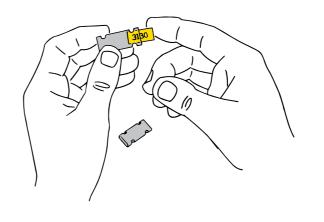
+ DIMENSIONS AND PACKAGING

MARKER TAGS



| 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



| 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









CABLE MARKERS







- + 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

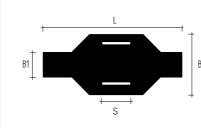
Material PVC





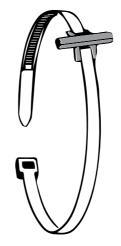
+ DIMENSIONS AND PACKAGING

MARKER TAGS



| 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



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

RELATED PRODUCTS







55









- + Flat cable marker with pre-punched holes
- + Easy to mount on the cable with cable ties
- + Very durable and fast print with printer MK10 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 EOS1 printers, or can be ordered pre-printed according to customer specifications.
- + Profile to be printed on the MK10 or EOS1 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: $+10^{\circ}$ C to $+27^{\circ}$ C ($+32^{\circ}$ F to 81° F) < 95% Rh

Material

Soft PVC

Print

thermal transfer

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

Standard colours

yellow and white

RELATED PRODUCTS



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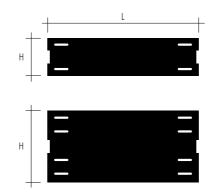
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RIBBONS PAGE 81

PARTEX PPQ+19060DN4

+ DIMENSIONS AND PACKAGING



| 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 |
| | | | |

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







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

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-O 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



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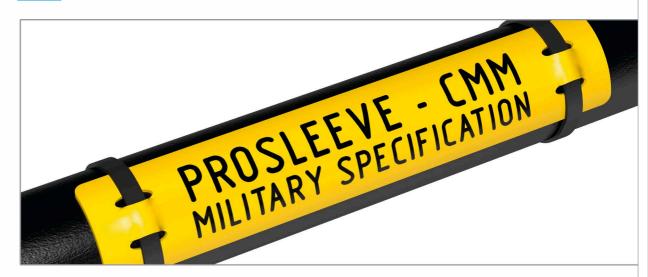


RIBBONS PAGE 81





CMM - MILITARY SPECIFICATION CABLE MARKERS



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°C to +135°C

Material

Polyolefin Sheet

Print performance

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

* = Colour (4=Yellow. 9=White)

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

Certified and Issued to:

Standard colours

yellow, white

Resistance:

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 |

Recommended ribbon: 2020 series





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RIBBONS PAGE 81

ABLE MARKER

CABI

MARKER







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°C to +135°C

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



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RIBBONS PAGE 81





CML - EXTENDED FIRE SPECIFICATION CABLE MARKERS



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

INFORMATION

- + Self Extinguishing
- + RoHS and REACH Compliant

SPECIFICATIONS

Temperature range

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

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-VO

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

| CML60010LR* 60x10 mm 40x10 mm 1450 pcs CML75015LR* 75x15 mm 55x15 mm 1100 pcs CML90025LR* 90x25 mm 70x25 mm 75x10 pcs | TYPE | MARKER SIZE | TEXT AREA | PACK QUANTITY |
|---|-------------|-------------|-----------|---------------|
| | CML60010LR* | 60x10 mm | 40x10 mm | 1450 pcs |
| (M) 90025 P* 90v25mm 70v25 mm 750 pcs | CML75015LR* | 75x15 mm | 55x15 mm | 1100 pcs |
| 70X23111111 70X23111111 730 pcs | CML90025LR* | 90x25mm | 70x25 mm | 750 pcs |

* = Colour (4=Yellow. 9=White)

Recommended ribbon: 2020 series



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RELATED PRODUCTS

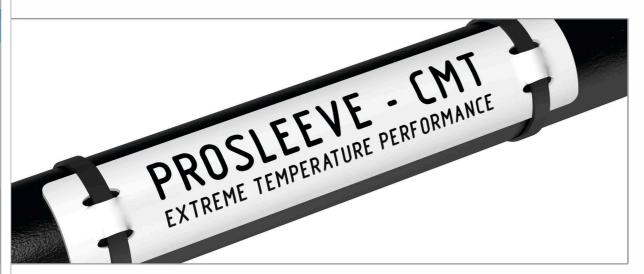
RIBBONS

PAGE 81

ABLE MARKER







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°C to +225°C

Material

Polyvinylidene flouride

Print performance

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

Resistance:

white

Flame retardant to: UL224 VW-1

Certified and Issued to:

Standard colours

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



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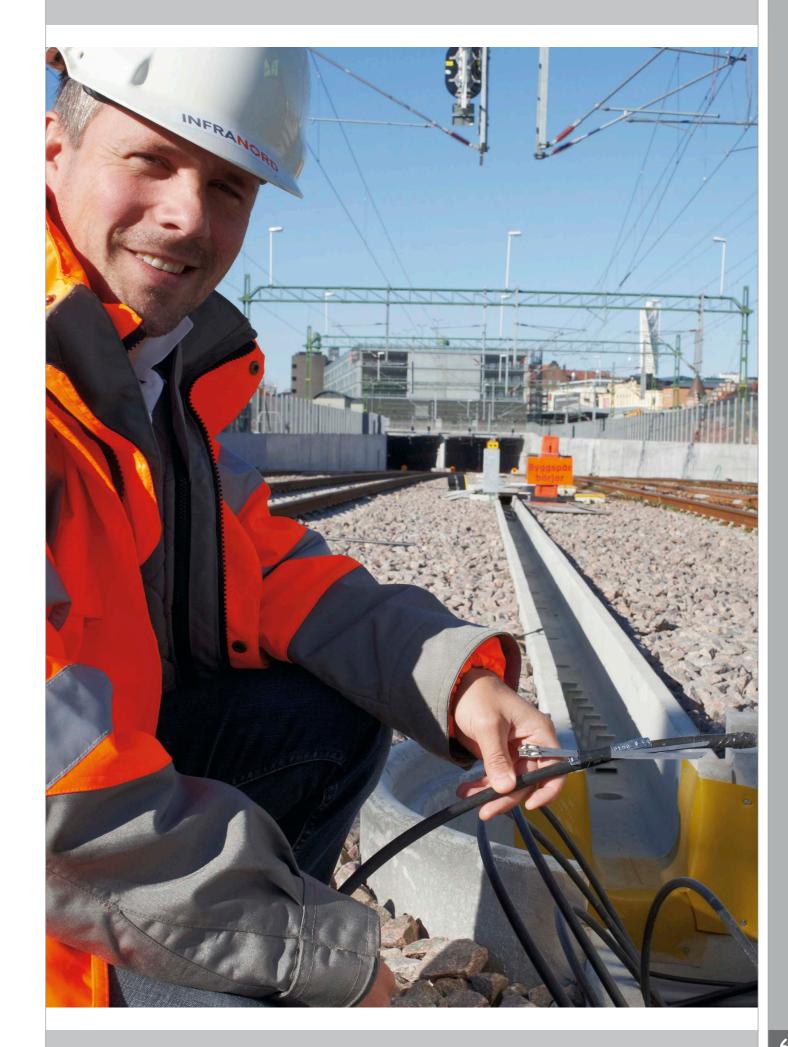
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RIBBONS

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- + 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





+ DIMENSIONS AND PACKAGING

| TYPE | DESCRIPTION | NUMBER OF CHARACTERS | LENGTH [Lmm] | HEIGHT [W mm] | SLOT WIDTH [SW mm] | QUANTITY IN PACK |
|------------|--|-------------------------|--------------|---------------|--------------------|------------------|
| PKS10006PP | single character: A-Z, and 0-9, + - $I_{-1} \sim \frac{1}{4}$ | - | 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)



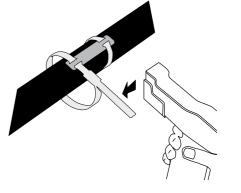


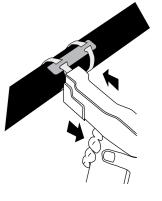
RELATED PRODUCTS

APPLICATION









FAINLESS STEE

CABLE MARKERS



- 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

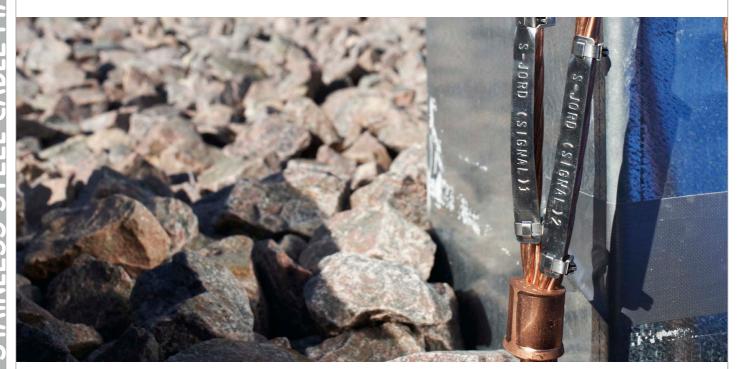
extreme condtitions Material

AISI 316 stainless steel

Print embossed

Packaging

sorted on adhesive tape

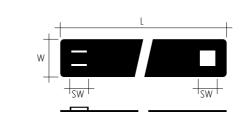


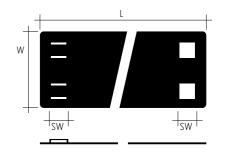


| TYPE | HEIGHT [mm] | LENGTH [L mm] | SLOT WIDTH [SW mm] | NUMBER OF FITTINGS | TEXT HEIGHT | MAX NO OF LINES * |
|-------|-------------|----------------------|--------------------|--------------------|-------------|-------------------|
| PKS10 | 10 | 50, 70, 90, 110, 130 | 4,8 | single 2 x 1 | 3,2 / 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)

MARKERS

CABLE

STEEL

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 |

APPLICATION

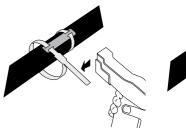
+ DIMENSIONS

RELATED PRODUCTS

TZZ









PARTEX MARKING SYSTEMS

CIRCUIT REF: Lift Isolator

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





+ 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

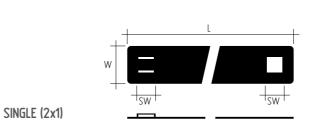


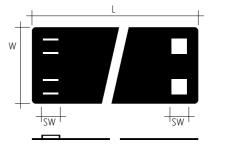


| + | DIMENSIONS |
|---|------------|
| | |

| 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.





DOUBLE (2x2)

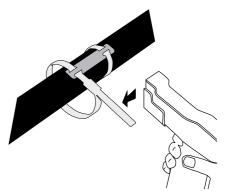
MARKERS

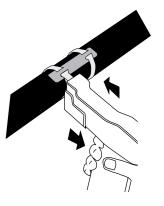
CABLEN

RELATED PRODUCTS

TZZ







APPLICATION

STAINLESS STEE

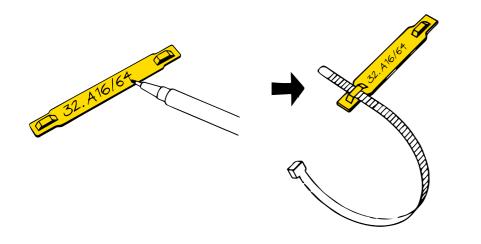
- + A simple and cost effective way of identifying cables.
- Available in a range of colours and sizes.
- + Can be secured with any Partex cable tie up to 4.8mm width.

+ DIMENSIONS

| TYPE | OVERALL LENGTH | WRITABLE LENGTH | WIDTH | | PACKAGING |
|------------|----------------|-----------------|--------|---|------------------|
| TIETAG60* | 60 mm | 27 mm | 9.5 mm | 4 | pack of 100 pcs. |
| TIETAG82* | 82 mm | 50 mm | 9.5 mm | 4 | pack of 100 pcs. |
| TIETAG110* | 110 mm | 75 mm | 9.5 mm | 4 | pack of 100 pcs. |
| TIETAG152* | 152 mm | 117 mm | 9.5 mm | 4 | pack of 100 pcs. |

^{*} Available in white or yellow, specify colour when ordering.

+ APPLICATION





+ INFORMATION

- 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 |



- + 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 CO2 laser

Colors (plate / text)

black / white

white / black or red

red / white

blue / white

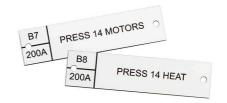
yellow / black green / white



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.

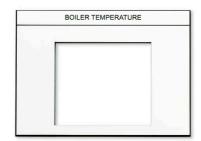




| SSR1 | PS1 | R1 | SSR1 | PS1 | R1 |
|------|-----|----|------|-----|----|
| SSR1 | PS1 | R1 | SSR1 | PS1 | R1 |
| SSR1 | PS1 | R1 | SSR1 | PS1 | R1 |
| SSR1 | PS1 | R1 | SSR1 | PS1 | R1 |
| SSR1 | PS1 | R1 | SSR1 | PS1 | R1 |
| SSR1 | PS1 | R1 | SSR1 | PS1 | R1 |

PE-P 3.0 mm

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



| | FIRE STATUS | | | | |
|------------------|-------------------|--------------|--|--|--|
| | FIRE CONDITION | | | | |
| | | | | | |
| EXT | RACT FAN STAT | rus | | | |
| 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 |



ENGRAVED PLATES



ARTICLE NUMBER

SL5025D110R250

1. Product series

2. Label size

DANGER

110 VOLTS

DANGER

380 VOLTS

DANGER

LIVE

TERMINALS

SL5025D110

SL5025D380

SL5025DLT

CL = full Colour Label

eq: 5025 = 50 x 25 mm

8035 = 80 x 35mm

SL = Standard thermal Label yellow/black

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 230 VOLTS



SL5025D240

440 VOLTS

ELECTRICAL

CONNECTION

SL5025D230

DANGER

415 VOLTS



SL5025D415





SL5025D400

SL5025D115

DANGER

400 VOLTS

SL5025DIE



SL5025WIS



SL5025SEC



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
- 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

Gloss finish Polypropylene Permanent adhesive

Reach & RoHS compliant



SL5050D110









SL5050D230

SL5050D240









SL5050D380

SL5050D400

SL5050D415

SL5050D440





SL5050DLT

SL5050DT







SL8035D230

SL8035D110

SL8035D115







SL8035D400

SL8035D240

SL8035D380



DANGER 440 VOLTS



SL8035DHV

SL8035D415

DANGER

LIVE **TERMINALS**



SL8035DLB

SL8035D440

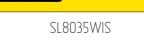


SL8035DLT

DANGER ISOLATE

ELSEWHERE

Main



SL8035MS

Switch



LABELS

77

SL8035CHW



SL8035DIE

SL8035DMM







CL8035RPS

CL8035RPC



SL7550D110



SL7550D115





SL7550D230

DANGER 240 VOLTS

SL7550D240





SL7550D380



SL7550D400



SL7550D415





SL7550D440





SL7550DD

SL7550HV



SL7550CHW



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



must conform to the above regulations

SL7550IBS



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 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



110 VOLTS

CL7550D110

DANGER 115 VOLTS

CL7550D115



DANGER 230 VOLTS

CL7550D230

DANGER 240 VOLTS

CL7550D240



DANGER 380 VOLTS

CL7550D380





CL7550D400



CL7550D415



440 VOLTS

CL7550D440



OF DEATH



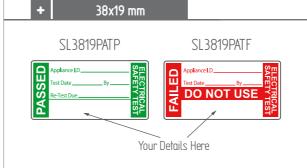
CL7550DD

CL7550HV



EMERGENCY STOP DISCS.

LABEL



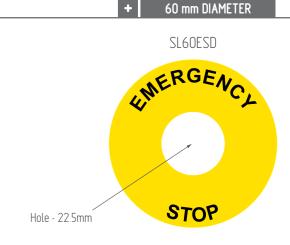


SL5025PATP



Your Details Here

SL5025PATF



* 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.

PROPERTIES





+ INFORMATION

EPL - Enhanced Panel Label

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.

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

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 ▶ PAGE 106 EOS1

PAGE 104





PARTEX PROSLEEVE RIBBONS



+

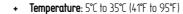
INFORMATION

TYPE RIBBONS

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.

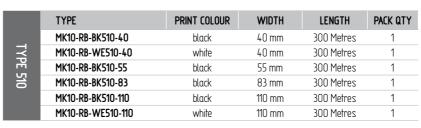
| _ | TYPE | PRINT COLOUR | WIDTH | LENGTH | PACK QTY |
|--------|--------------------|--------------|--------|------------|----------|
| TYPE | MK10-RB-BK2020-40 | black | 40 mm | 300 Metres | 1 |
| E 2020 | MK10-RB-BK2020-60 | black | 60 mm | 300 Metres | 1 |
| | MK10-RB-BK2020-80 | black | 80 mm | 300 Metres | 1 |
| | MK10-RB-BK2020-100 | black | 100 mm | 300 Metres | 1 |



- + 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+



- + **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.

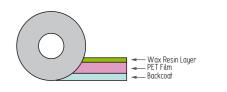
| 무구 | TYPE | PRINT COLOUR | WIDTH | LENGTH | PACK QTY |
|-----|--------------------|--------------|--------|------------|----------|
| 골 ম | MK10-RB-BKFTIM-110 | black | 110 mm | 300 Metres | 1 |

+ **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.



Recommended for printing onto the following

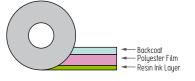
PPQ+

ProSleeve products: HFS/HFD, CMZ, EPL, EPF, PO/POZ,

| 포국 | TYPE | PRINT COLOUR | WIDTH | LENGTH | PACK QTY |
|----|-----------------|--------------|-------|------------|----------|
| 一層 | 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.



MARKER

A B B







- + 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

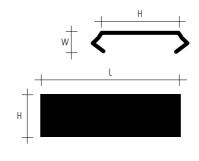


PP+090 ▶ PAGE 84



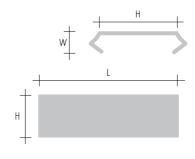


+ DIMENSIONS AND PACKAGING



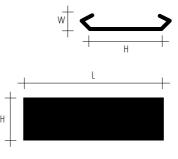
White markers with black print

| TYPE | MODULE WIDTH | THICKNESS [mm] | HEIGHT [mm] | LENGTH mm | PACKAGING |
|----------|--------------|----------------|-------------|-----------|-----------|
| PS-20006 | 1/3 | 4.2 | 12.9 | 5.5 | |
| PS-20009 | 0.5 | 4.2 | 12.9 | 8.75 | |
| PS-20018 | 1 | 4.2 | 12.9 | 17.5 | 20 |
| PS-20027 | 1.5 | 4.2 | 12.9 | 26.25 | 20 pcs. |
| PS-20035 | 2 | 4.2 | 12.9 | 35.0 | |
| PS-20053 | 3 | 4.2 | 12.9 | 52.5 | |
| PS-20KN9 | - | 4.2 | 12.9 | 1 m | 1 m |



Transparent modules

| TYPE | MODULE WIDTH | LENGTH [mm] | MARKER TAG | PACKAGING |
|----------|--------------|-------------|--------------|-----------|
| PS-20009 | 0.5 | 8.75 | PP+ | 1000 |
| PS-20018 | 1 | 17.5 | PF, PFC, PP+ | |
| PS-20027 | 1.5 | 26.25 | PF, PFC, PP+ | 20 pcs. |
| PS-20035 | 2 | 35.0 | PF, PFC, PP+ | |
| PS-20053 | 3 | 52.5 | PF, PFC, PP+ | |
| PS-20KT | - | 1 m | PF, PFC, PP+ | 1 m |



Base profile with adhesive

| > | TYPE | LENGTH [m] | HEIGHT [mm] | THICKNESS [mm] | COLOUR | PACKAGING |
|---|----------|------------|-------------|----------------|--------|-----------|
| _ | PS-20BPS | 1 | 11.6 | 3.0 | black | 10 m |
| | PS-20BPV | 1 | 11.6 | 3.0 | white | 10 m |
| | | | | | | |

COMPONENT MARKING





- + 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 | PACKAGII | ١ |
|---|-------|-----|----------|---|
|---|-------|-----|----------|---|

APPLICATION

| 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 |

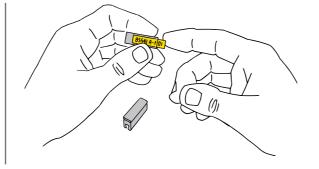
* - UT2.5, UTTB2.5, ST4, DT2.5, QTC, DTI2.5

RELATED PRODUCTS

PROMARK-T1000 PAGE 100



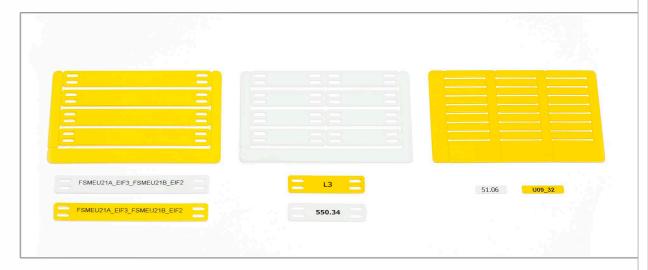
MK10 ▶ PAGE 106



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PFC - CARD WITH MARKER TAGS



+ 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



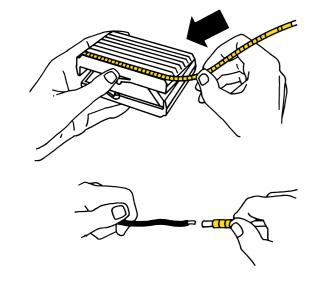


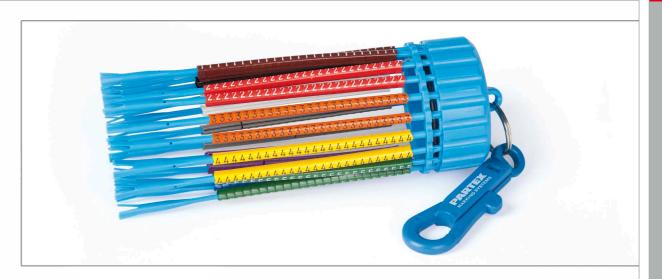
- + Cassette for PAO2- and PA1 sleeves.
- + Flexible aid for service and maintenance marking.
- Pocket-sized.
- + Easy to refill from Partex standard range.
- + CAS is double-sided for right and left mounting.

ITEM DESCRIPTION

| CONTENTS | DIMENSIONS [mm] |
|--|---|
| Red Pocket Cassette containing 600 PAO2 markers and one PUJ 4T Teflon coated applicator. Contains 50 of each marker 0,1,2 and 3, plus 25 of each 4-9 (ind.), 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 |
| As above but the numbers are colour coded (International resistor colour coding). | 67 x 90 x 21 |
| 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 |
| As above but the numbers are colour coded (International resistor colour coding). | 67 x 90 x 21 |
| | 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. As above but the numbers are colour coded (International resistor colour coding). 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. |

APPLICATION





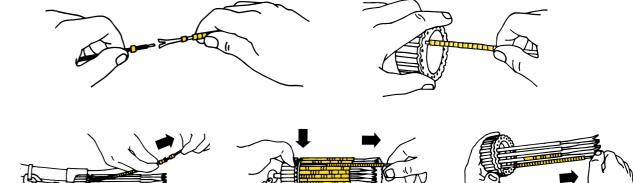
+ INFORMATION

- + 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 DECCDIE | TION |
|------------------|------|
| ITEM DESCRIP | |
| | |

| ГҮРЕ | CONTENTS | PACKAGING |
|------------|---|-----------|
| 1DH 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. |
| 1DH 20 C/C | As above but the numbers are colour coded (International resistor colour coding). | 1 pcs. |
| 1DH 20E | Empty key ring dispenser (no wands) | 1pcs. |
| 1D10 | Nylon replacement wand. No markers attached. | 1 pcs. |
| 1D10 PA1 | Nylon replacement wand complete with 25 PA1 markers. Please specify the number, letter or symbol you would like | 1 pcs. |





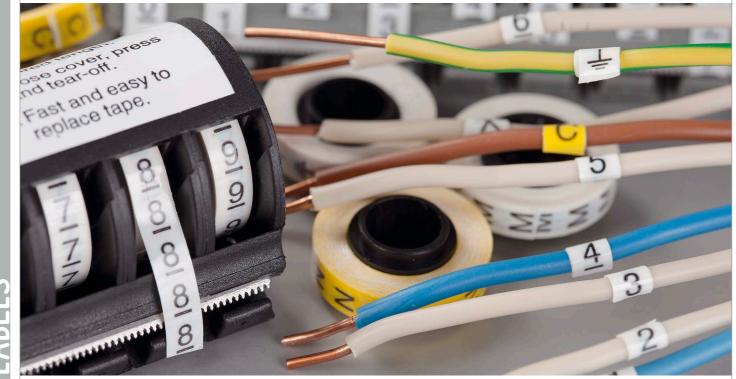
87



- + 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. |





+ INFORMATION

- + Simplify marking of thin and stripped wires, excellent tools for combination marking.
- + Shorten installation time.

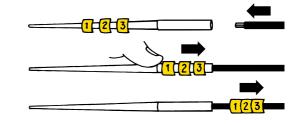
+ ITEM DESCRIPTION

| TYPE | SIZE RANGE | FOR USE WITH | MATERIAL | COLOUR |
|--------|---|-------------------------|-----------------|------------|
| MD 10 | D : 0.5 to 2.5mm ² | 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 0.5mm ² | PAO2 and PZO2 | Teflon Coated | Red |
| PUJ 4T | d : 2.5 to 3.4mm D : 0.75 up to 1.5mm ² | PAO2, PZO2, PA1 and PZ1 | Stainless Steel | Dark Blue |
| PUJ 5T | d : 3.5 to 4.3mm D : 1.5 and 2.5mm ² | PA1 and PZ1 | | Light Blue |

d: = The overall cable diameter

D: = The cable size. Size shown refers to BS6231 tri-rated cable.

APPLICATION







ACCESSORIES



- + 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. | 1pcs. |
| 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. | 1pcs. |
| 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. | 1pcs. |
| 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. | 1pcs. |
| PAL 2 C/C | As above but the numbers are colour coded (International resistor colour coding). | 1 pcs. |

PAL 50 - PLASTIC COMPARTMENT BOX FOR MARKERS



+ INFORMATION

- + 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 | | |
|-----------------|---|--------|--|
| PAL/50 | Empty 50 Compartment Storage Box with removable compartments. | 1 pcs. | |
| PAL 50 PAO2 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 PAO2 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. | |

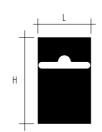
ACCESSORIES

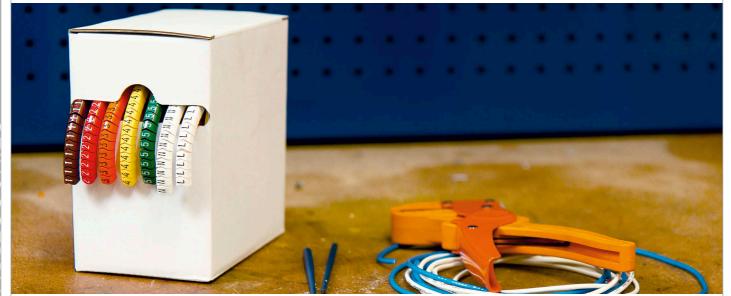
- + Cardboard dispenser box for Partex compacta discs.
- Ideal for storing a selection of Partex markers.
- + On-site combination marking at a glance and at your fingertips.

DIMENSIONS

SRC-T can hold 12 reels of PAO2, 10 reels of PA1, 7 reels PA2, 5 reels PK+

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







+ INFORMATION

- + 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 |





- + 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

Material PVC

-30°C to +60°C

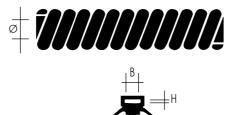
Standard colour

grey, black

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

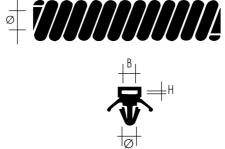
+ DIMENSIONS AND PACKAGING

| 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 |

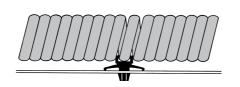


MOUNTING

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



APPLICATION





INFORMATION

- + 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.



HFC - NYLON CABLE TIES

+ DIMENSIONS AND PACKAGING

+ 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 or 1000 |
| HFC 100 | 100 | 2.5 | 18 | 8 | 100 or 1000 |
| HFC 120 | 120 | 4.8 | 24 | 22 | 100 or 1000 |
| HFC 140 | 140 | 3.6 | 33 | 18 | 100 or 1000 |
| HFC 160 | 160 | 4.8 | 38 | 22 | 100 or 1000 |
| HFC 200 | 200 | 4.8 | 50 | 22 | 100 or 1000 |
| 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 or 1000 |
| HFC 200L | 200 | 2.5 | 50 | 8 | 100 or 1000 |
| HFC 200I | 200 | 3.6 | 50 | 18 | 100 or 1000 |
| 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 2001 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.



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 |





+ TIE TENSIONING TOOLS

NYLON CABLE TIE TENSIONING TOOL

- Automatically tensions and cuts the fie 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 |



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.

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

SSTG D722

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.

Adjustable tension setting Ergonomic handle reduces operator fatigue.

+ Only suitable for stainless steel cable ties.

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



SSAT

SST - STAINLESS STEEL CABLE TIES



+ INFORMATION

- + 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 |



SSTC - STAINLESS STEEL CABLE TIES, COATED



+ INFORMATION

- + 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 |





- + 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°C - +32,5°C

Operating temperature with pre-heater: from +5°C

Storage temperature: +5°C - +35°C

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

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 Partex software WinSign

Internal Memory

15000 characters

Number of characters to be sent to PC

No limits with WinSign T-1000

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 quide
- + USB cable,
- + software.

- SPECIFICATION
- + ProMark T1000 is a successor to our most popular profile printer the T800. Complemented with new options, such us Polish and Russian font, and menu with Partex article numbers, is a perfect solution for installers and producers of control cabinets and panel boards.
- + 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
- + 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 via the new, English version of WinSign software, which enables you to import Excel files with the "copy and paste" function.

+ 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 (Top Jobs), 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

| YPE | 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-AF | profile feeder | | | |
| PROMARK-HC | aluminium case | | | |
| MK-STV | reel stand | | | |
| MK-RS3 | small reel stand | | | |



MK-STV



ARKING MACHIN

101

MK-RS3



PROMARK-HC

| TYPE | HALOGEN FREE VERSION | DIAMETER [mm] [min/max] | CROSS SECTIONAL AREA [mm²] | PACKAGING |
|-----------|----------------------|-------------------------|----------------------------|--------------------|
| P0-01 | P0Z01 | 1.3/1.8 | 0.25 | 6 m / 250 m |
| P0-02 | P0Z02 | 1.7/2.2 | 0.5 | 5 m / 60 m / 250 |
| P0-03 | POZO3 | 2.0/2.5 | 0.75 | 4.5 m / 50 m / 250 |
| P0-04 | POZO4 | 2.2/2.8 | 1.0 | 4.5 m / 50 m / 200 |
| P0-05 | P0Z05 | 2.7/3.5 | 1.5 | 4 m / 40 m / 200 |
| P0-06 | P0Z06 | 3.2/4.0 | 2.5 | 3.5 m / 40 m / 200 |
| P0-06Q** | - | - | - | 3.5 m / 40 m |
| P0-068Q** | PKZ20Q | - | - | 25 m / 50 m |
| P0-068TW | PKZ20 | 6.8/7.0 | - | 4.5 m / 50 m |
| P0-07 | POZO7 | 3.8/4.7 | 4.0 | 3.5 m / 30 m / 100 |
| P0-08 | P0Z08 | 4.6/5.5 | 6.0 | 3 m / 30 m / 100 r |

PO/POZ PAGE 28



P0-068 PAGE 28

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

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 |



PHZ

PAGE 32

STANDARD COLOURS: yellow, white. Other on request.

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 |



PHZF PAGE 34

STANDARD COLOURS: yellow, white. Other on request.



PP+ PROFILE

| 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 |



PP+ PAGE 84

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











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PAGE 84

+ SELF SDHESIVE LABELS

| TYPE | HEIGHT [mm] | COLOUR | LENGTH [m] | PACKAGING | |
|---------------|------------------------|---|---------------|-----------|-----------|
| | | | 30 | | |
| PROMARK-PL060 | 6 | yellow, white silver | 30 | 1 casette | |
| | | o.c.rd. | 27 | _ | |
| | 9 | | 30 | 1 casette | |
| PROMARK-PL090 | | yellow, white silver | 30 | | |
| | | Sitte | 27 | | |
| | | 30 | 30 | | |
| PROMARK-PL120 | 12 | RK-PL120 12 yellow, white silver | yellow, white | 30 | 1 casette |
| | | Sitte | 27 | _ | |
| PROMARK-PLL33 | 33 (printable area 10) | white | 8 | 1 casette | |



PROMARK-PL



PROMARK-PLL





- + Small table printer for high demand production of Partex PPQ, ProSleeve and other profiles.
- + Cost effective identification system for use in panel building and electrical installations.
- Feeds and prints Partex profiles and labels.
- + Connected to a PC and controlled by Partex WinSign software.

PROPERTIES

Temperature range

Operating temperature: +5°C to +40°C Humidity: 10 - 85 % not condensing

To obtain the best printing result, the temperature of the profile shouldn't be lower then +25°C

Thermal transfer printing

300 dpi print resolution

Power supply

100 - 240V (50-60Hz) max 300 W.

USB 2.0 connection and Partex WinSign software.

Dimensions

189x322x253mm (H x W x D)

Printing speed

125 mm/s.

Weight 4,0 kg

+ PRINTER AND ACCESSORIES

| ARTICLE NUMBER | INFORMATION | PACK UNIT (MOQ) |
|----------------|--------------------------------------|-----------------|
| EOS1 | Printer EOS1, USB cable, mains lead. | 1 pce |
| MK-STV | Reel stand for small reels | 1 pce |
| MK-RS3 | Small reel stand, mountable | 1 pce |





* 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 is a very cost effective identification system for use in panel building and electrical installations.
- + USB connection, controlled by Partex WinSign software.

PROPERTIES

Temperature range

Operating temperature: 15°C - 35°C Storage temperature: 0°C - 40°C

To obtain the best printing result, the temperature of the profile shouldn't be lower then: 20 - 25°C

Thermal transfer printing

300 dpi print resolution

Printing speed

125 mm/s

Width of printing head

105 mm

PC connection

USB and Partex WinSign software

Operating System

Windows: 2000. 2003. XP. Vista. Windows 7

Memory

64 MB RAM

Power

110~240 V AC, (50~60 Hz) Certified with CE mark

Dimensions

(W x D x H): 242 x 446 x 275 mm

Weight

9 kg

KIT CONTENTS

- printer MK10,
- cutter;
- + power cord,

- + Starting ribbon black 360 m,
- + USB cable,
- + WinSign software



+ SPECIFICATION

- + MK10 is a modern thermal transfer printer with a high production speed (up to 125mm/sec).
- + MK10 is connected to your computer with a USB cable and controlled by Partex WinSign software.
- + It prints onto the profile directly from the reel, and can cut the markers to the required length.

+ PROFILES TO PRINT

- + PO and POZ profiles with diameters of 1.3 7.0mm (POZ is the halogen-free version)
- + PHZF flat, halogen-free, heat shrinkable tubes with diameters 2.4 25.4 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 (Top Jobs), Phoenix Contact, Etrelec
- PPA+ self-adhesive profile
- + PO-068 profile used for marking cables with PKH and POH holders
- + Labels

ACCESSORIES







Small reel stand



MK10-CU Cutting



RIBBONS PAGE 81

MARKING MACHINE



* 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 WinSign software.

PROPERTIES

Temperature range

Operating temperature: +10°C to +35°C

To obtain the best printing result, the temperature of the profile shouldn't be lower then: +25 $^{\circ}\text{C}$

Working conditions:

Humidity: 30 - 85 %

Thermal transfer printing

300 dpi print resolution

Width of printing head

105 mm

PC connection

USB and Partex software WinSign

Power supply 100 ~ 240V (50-60Hz)

Power consumption: Max 300 W

CE-certified

Dimensions

(L x W x H): 554 x 248 x 395 mm

Weight

21 kg

KIT CONTENTS

- MK10-DH,
- + power cord,
- + Starting ribbon black 360 m,

- USB cable
- + WinSign software.

ACCESSORIES



MK-STV Reel stand



MK-RS3 Small reel stand



MK10-CU Cutting









+ SPECIFICATION

- + 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.





PO-PROFILE

| TYPE | HALOGEN FREE VERSION | DIAMETER [mm] [min/max] | CROSS SECTIONAL [mm² | PACKAGING |
|-----------|----------------------|-------------------------|----------------------|----------------------|
| P0-01 | P0Z01 | 1.3/1.8 | 0.25 | 6 m / 250 m |
| P0-02 | P0Z02 | 1.7/2.2 | 0.5 | 5 m / 60 m / 250 m |
| P0-03 | P0Z03 | 2.0/2.5 | 0.75 | 4.5 m / 50 m / 250 r |
| P0-04 | P0Z04 | 2.2/2.8 | 1.0 | 4.5 m / 50 m / 200 r |
| P0-05 | P0Z05 | 2.7/3.5 | 1.5 | 4 m / 40 m / 200 n |
| P0-06 | P0Z06 | 3.2/4.0 | 2.5 | 3.5 m / 40 m / 200 i |
| P0-06Q** | - | - | - | 3.5 m / 40 m |
| P0-068Q** | PKZ20Q | - | - | 25 m / 50 m |
| P0-068TW | PKZ20 | 6.8/7.0 | - | 4.5 m / 50 m |
| P0-07 | P0Z07 | 3.8/4.7 | 4.0 | 3.5 m / 30 m / 100 r |
| P0-08 | P0Z08 | 4.6/5.5 | 6.0 | 3 m / 30 m / 100 m |
| P0-09 | P0Z09 | 5.6/7.0 | 10.0 | 50 m |
| P0-10 | P0Z10 | 6.5/8.0 | 16.0 | 50 m |



PO/POZ





P0-068 PAGE 28

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

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 |
| | | |



PHZF PAGE 34

STANDARD COLOUR: yellow, white. Others on request.





| 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 |



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











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PTM PAGE 54

PS PAGE 82

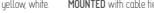
PPQ+

| 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. |



PAGE 56

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







- + 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

| + | ı |
|---|---|
| | П |

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-ACLOO1 | Regular cleaning kit, (5 cards with an adhesive side and 5 cleaning sticks) | 1 pce |
| PRIMACY-ACLO02 | Advanced cleaning kit, (2 T-cards, 2 adhesive cleaning cards, 1 pen and 60 wipes) | 1рсе |

| 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)



+ Create both direct marking and whole projects.

INFORMATION

+ Sends information to Partex's different printers to make it possible to produce markers on site.

+ You can import files with marking information from Excel and some CAD systems e.g. EPLAN and ELPRO.

+ SYSTEM REQUIREMENTS

Computer

Procesor - Pentium II **RAM memory** - 256 MB

Hard drive - 200 MB free space

Runs with these operating systems

Windows 2000

Windows NT

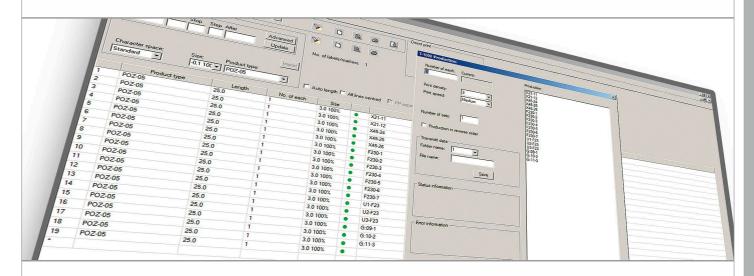
Windows ME

Windows XP

Windows Vista

Windows 7





+ SPECIFICATION

- + WinSign is an application that runs in Windows environment.
- + Built-in database containing information on industrial documentation and all Partex marker types
- + WinSign projects can consist of multiple groups, such as wire markers, component markers , and/or cable markers .
- + Project can be saved and restored later.
- + Easy to use import and number generation functions ensures efficient marker production.
- + Full version WinSign -NG controls the following devices: MK9- NG,
- + T-1000, MK10, MK10-D, EOS1 and PRIMACY

RELATED PRODUCTS



PROMARK-T1000 PAGE 100



MK10

▶ PAGE 106



MK10-DH PAGE 108

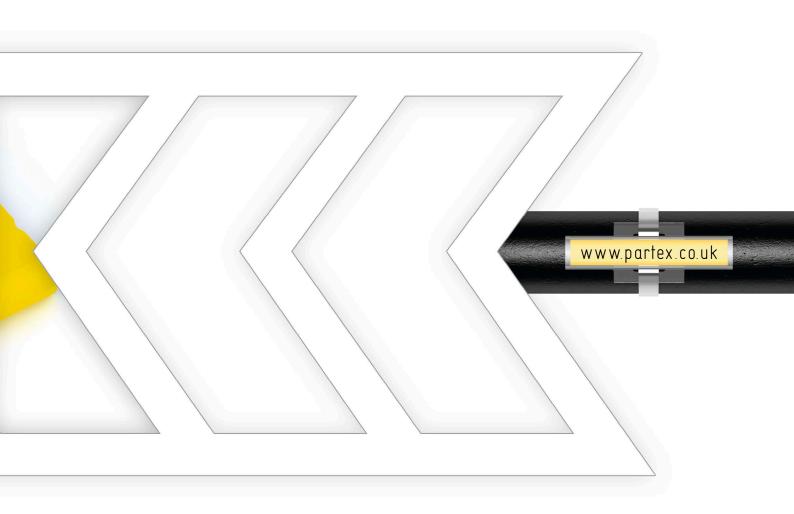


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PRIMACY PAGE 112

SOFTWARE



PARTEX MARKING SYSTEMS (UK) LTD

61-64 Station Road Coleshill, Birmingham B46 1JT UK

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