

MK 1 Portable Plotter Marking System



PRODUCT OVERVIEW

- Provides complete customized marking for cables, wires and components.
- Mains or battery operation also makes it ideal for 'on-site' work.
- Program Cassette: Pre-programmed cassette for marking of the appropriate PARTEX products listed in this catalogue.
- Display Unit: 36 characters plus marker and status indication.
- Battery Back-up: Operates on battery for up to 2 hours on one charge. Recharging time 2 hours.
- Weight and Dimensions: Printer: 2.2 Kg (378 x 190 x 65mm)
Cable: 3.5 Mtr
Total weight (carrier and kit): 6 kg (540 x 440 x 120mm)

THE PLOTTER

PARTEX PART NUMBER	DESCRIPTION
MK 1 - KIT	Portable Plotter Kit
MK 1 - KIT 1	Portable Plotter Kit + Any 3 fixtures listed below
MK 1 - KIT 2	Portable Plotter Kit + All fixtures listed below

Kit contains: Plotter printer, program cassette, battery pack, transformer, brief-case, style carrier, one of each etching pens 0.35 and 0.5mm, fibre-tip pen, etching ink, cleaning liquid and cleaning receptacle

THE FIXTURES

A Fixture is the device into which the items to be marked are inserted. The fixture then 'plugs' into the top of the plotter.



PARTEX PART NUMBER	DESCRIPTION
MK 1-02	Fixture for PA+02 marking
MK 1-10	Fixture for PA+1 marking
MK 1-20	Fixture for PA+2 marking
MK 1-30	Fixture for PA 3 marking
MK 1-PK	Fixture for PK 2 marking
MK 1-PKZ	Fixture for PKZ 2 marking
MK 1-PS	Fixture for PS 20 marking
MK 1-POH	Fixture for POH marking

PA+ and PAZ+ Wire Markers



PARTEX PART NUMBER	MARKER LENGTH (MM)	USE FIXTURE REFERENCE	QUANTITY PER PACK
PA+02/15	15	MTX-MK 1-02	200
PA+02/21	21	MTX-MK 1-02	200
PA+02/27	27	MTX-MK 1-02	200
PA+1/15	15	MTX-MK 1-10	200
PA+1/21	21	MTX-MK 1-10	200
PA+1/27	27	MTX-MK 1-10	200
PA+2/15	15	MTX-MK 1-20	100
PA+2/21	21	MTX-MK 1-20	100
PA+2/27	27	MTX-MK 1-20	100
PA 3/15	15	MTX-MK 1-30	100
PA 3/21	21	MTX-MK 1-30	100
PA 3/27	27	MTX-MK 1-30	100

Available in white or yellow, please specify.

If you require halogen free version please insert a 'Z' into the part reference eg: PAZ +02/15

PK and PKZ Carrier Strip Markers



PARTEX PART NUMBER	PROFILE	MARKER LENGTH (MM)	USE FIXTURE REFERENCE	QUANTITY PER PACK
PK 2/15	PK	15	MTX-MK 1-PK	100
PK 2/21	PK	21	MTX-MK 1-PK	100
PK 2/27	PK	27	MTX-MK 1-PK	100
PK 2/25S	PK Punched	25	MTX-MK 1-PK	20
PK 2/40S	PK Punched	40	MTX-MK 1-PK	20

If you require halogen free version please insert a 'Z' into the part reference eg: PKZ2/25S.

Colour: Yellow

POH Carrier Strips



PARTEX PART NUMBER	LENGTH OF CARRIER (MM)	WRITEABLE LENGTH (MM)	USE FIXTURE REFERENCE	QUANTITY PER PACK
POH-7 Yellow	60	27	MTX-MK 1-POH	100
POH-12 Yellow	82	50	MTX-MK 1-POH	100
POH-18 Yellow	110	75	MTX-MK 1-POH	100



PS Control Panel Marking Systems

PARTEX PART NUMBER	PROFILE	MARKER LENGTH (MM)	USE FIXTURE REFERENCE	QUANTITY PER PACK
PS 20-1 White	PS	17.5	MTX-MK 1-PS	20
PS 20-2 White	PS	35	MTX-MK 1-PS	20
PS 20-3 White	PS	52.5	MTX-MK 1-PS	20

Also available in yellow.



MK1 Plotter Accessories

PARTEX PART NUMBER	DESCRIPTION	SIZE
MTX-MK1-PEN FIBRE	Fibre Tip Pen	0.30mm
MTX-MK1-PEN 025	Etching Pens	0.25mm
MTX-MK1-PEN 035		0.35mm
MTX-MK1-PEN 050		0.50mm
MTX-MK1-PEN 070		0.70mm
MTX-MK1-PEN 100		1.00mm
MTX-MK1-INK	Etching Ink	30ml
MTX-MK1-CLEAN	Cleaning Solution	50ml
MTX-MK1-CUP	Cleaning Receptacle	
MTX-MK1-PROGRAM	Programme Cassette (Software)	
MTX-MK1-ACCU	Power Pack Unit for Plotter	

SP1-W Marking System / Partex PO Marker Profile



PRODUCT OVERVIEW

- Powerful machine for own production of customized markers under licence agreement from PARTEX.
- Marking on PA, PO, PH PARTEX special profiles for SP1-W. To fit wires from 0.25 to 16.0 sq.mm and for heavier cables with PKH or POH carrier strips.
- Marking of 1,000 sleeves, 20mm in length, in about 30 minutes.
- Thermotransfer print for best possible text quality.
- Easy to use - controlled from special version of PARTEX Winsign/Xsoft for Windows.

SPECIFICATION

SYSTEM REQUIREMENTS: PC with 386 or higher processor, MS-DOS 3.3 or higher. Two serial ports, of which at least one with RS 232C.

MARKING TECHNIQUE: Thermotransfer with matrix head.

CHARACTERS: Height x width 6.0 x 4.0; 5.0 x 3.0; 2.4 x 2.4; 3.0 x 2.4; 2.0 x 1.2; 1.8 x 1.8; 1.8 x 0.9mm as standard. Typeface sizes up to 6.0mm with extra typeface board. Horizontal or vertical print.

CHARACTER SELECTION: 96 characters: 0-9, A-Z, a-z, +, -, /, *, &, etc.

TEXT LINES: Marking on one or two lines.

SLEEVE LENGTH: 5 to 999.9mm. Up to 22 characters/sleeve.

CUTTING: Sleeves can be completely or partly cut off.

SCREEN: Background lit LCD screen.

KEYBOARD: Touch keys.

BATCH SIZE: Up to 1,000 sleeves.

PRINTING RIBBON: Standard reel, 20mm x 200m. Black, white, red, blue. Other colours on request.

WEIGHT: 25.0kg.

ELECTRICAL CONNECTION: 220V AC, 50Hz.

APPLICATION

MARKING DATA FROM X-SOFT: Created directly in Winsign/Xsoft by eg. number generator and transferred to the SP1-W printer.

DATA FROM OTHER SOFTWARE: Transferred as text only files to Winsign/Xsoft and then into the SP1-W.

DATA DIRECT INTO THE MACHINE: Marking data can also be fed in via the machine keyboard.

MARKING PROFILES: PO 0.25 to PO 16.0. For wires from 1.0mm to 8.0mm in external diameter, equivalent to 0.25 sq.mm to 16 sq.mm. PO 10.0 can be fitted to POK carrier strips for application with thicker cables. As an option PA02/PA1 can also be printed. Please contact Partex for further details.

COLOURS: White and yellow. Other colours available on request.

OTHER APPLICATION AREAS: For marking of shrinking tubes, labels and terminals.



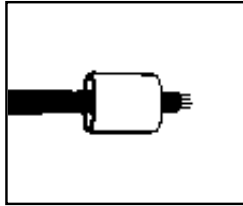
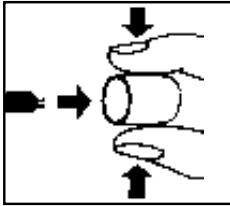
SYSTEM

1. Marking machine with transformer.
2. Cable for data transfer from PC.
3. Winsign/Xsoft in special Windows version for the SP1-W printer.
4. Manual.
5. Stand for unrolling profile.

Using Partex PO Marker Profile

SP1-W Marking System

APPLICATION



- Oval marking profile for customized cable and wire marking.
- Fast, single movement installation.
- Designed for most common wire and cable areas.
- Retains shape and grips wiring.
- When marking on site with the SP-1 marking machine, PO is supplied in loops of whole profiles.
- Reduces marking costs in projects subject to frequent, fast and late stage alterations.
- It is possible to mount the P010 directly on POH or PKH holders used together with ParTex cable ties.
- PO 0.25 can be mounted directly in PT+ sleeve pocket for cable marking, see page 40.

SPECIFICATION:

DESIGN: Closed oval profile in a loop for marking on-site.

MATERIAL: Cadmium-free, according to special PARTEX formula.

COLOURS: Yellow, blue, white and red.

PRINTING: Unprinted. On demand delivered with multi-character marking from PARTEX.

TEMPERATURE RANGE: Shape permanence from -30°C to + 60°C.

DURABILITY: Flammability resistance according to UV94-VO, good resistance to chemicals, gamma and UV rays. For applications in hostile environments, please contact PARTEX for information.

PARTEX PART NUMBER	DIAMETER RANGE (MM NOMINAL)	PACKAGING	LENGTH (METRES)
PO 0.25	1.3-1.8	Cardboard box	250
PO 0.5	1.7-2.2	Cardboard box	250
PO 0.75	2.0-2.5	Cardboard box	250
PO 1.0	2.2-2.8	Cardboard box	200
PO 1.5	2.7-3.5	Cardboard box	200
PO 2.5	3.2-4.0	Cardboard box	200
PO 4.0	3.8-4.7	Cardboard box	100
PO 6.0	4.6-5.5	Cardboard box	100
PO 10.0	5.6-7.0	Cardboard box	50
PO 16.0	6.5-8.0	Cardboard box	50

Heatex Heat Shrink Marking System



HEATEX HEATSHRINK MARKING SYSTEM

The new Heatex range of user-printed heatshrink marker sleeves from Partex offers a convenient and cost-effective way of identifying cables permanently, even in tough industrial environments. Available in flame-retardant and low-smoke zero-halogen versions, Heatex markers have an operating temperature range of -55 C to +135 C, are unaffected by water, and offer excellent resistance to commonly encountered industrial chemicals.

Users of Heatex markers have a choice of two printing options: compact Gemini 2M thermal-transfer printers and specially modified OKI 380 dot-matrix printers, both of which are used in conjunction with your computer.

Printing utilises the Heatex PH Label Software for Windows package. This versatile software provides full control over legend size, and can import legends and symbols directly from most CAD packages.

It also offers a convenient print preview facility.

Both of the printers for Heatex labels are used with special ribbons which produce durable, readily legible idents. Labels printed with the dot-matrix unit, however, are particularly resistant to the effects of petrol and similar fuels and solvents.

The sleeves have a shrink temperature of just 120°C and are offered in 2:1 and 3:1 shrink-ratio versions. The range of 2:1 sleeves covers final diameters of 1.2mm to 12.7mm, while 3:1 sleeves are available with final diameters from 1.0mm to 8.0mm. All types are supplied on a tractor-feed backing for ease of handling and printing.

PRODUCT OVERVIEW

2:1 HEAT SHRINK MARKERS

Flame retardant sleeves. Fluid and temperature resistant material ideally suited for markers in harsh environments. Withstands petrol when printed using dot matrix print and Heatex printer ribbon DMR OKI380.

Conforms to ML-M-81531 Marking of Electrical Insulating Materials, Clause 4.6.2 Adherence MIL-23053/5 Class 1 - UL224 and VG95343/5 Type A

3:1 HEAT SHRINK MARKERS

Flame retardant sleeves. Fluid and temperature resistant material ideally suited for markers in harsh environments. Withstands petrol when printed using dot matrix print and Heatex printer ribbon DMR OKI380.

Conforms to ML-M-81531 Marking of Electrical Insulating Materials, Clause 4.6.2 Adherence MIL-23053/5 Class 1 - UL224 and VG95343/5 Type A

2:1 HEAT SHRINK MARKERS ZERO HALOGEN

Low Smoke, Flame retardant, Zero Halogen Markers designed to meet DEF STAN 59/97/2A.

Conforms to MIL-M-81531 Marking of Electrical Insulating Materials, Clause 4.6.2 Adherence.

2:1 HEAT SHRINK MARKERS

PROPERTY	TYPICAL VALUE	SPECIFICATION
Shrink Temperature	120°C	Internal
Content	Cross-linked Polyolefin	-
Flammability	Pass	Def Stan 59-97 type 2a
Tensile strength	10 Mpa	IEC 811-1-1
Elongation at Break	500%	IEC 811-1-1
Heat ageing 168 hr at 150°C	-	-
Tensile	19 Mpa	IEC 811-1-2
Elongation at Break	400%	IEC 811-1-2
Chemical Resistance	Good	-
Operating Temperature	-55°C to 135°C	IEC 216
Water absorption	<0.4%	VDE 0472
Dielectric Strength	25 KV/mm	VDE 303 part 2
Surface finish	Internal CSL	1.2 um minimum
Volume resistivity	1 x 10 ⁽¹⁶⁾ OHM.CM	VDE 303 part 3

DIMENSIONS

PARTEX PART NUMBER	NOMINAL MARKER SIZE	I.D. MM MIN/MAX	RECOVERED I.D. MAX	RECOVERED WALL SIZE MIN/MAX	MARKERS/ ACROSS	MARKERS/ BOX
PH2024125L	Ø2.4x12.5mm				4	2000pcs
PH2024190L	Ø2.4x19.0mm	2.50		0.40	2	1000pcs
PH2024250L	Ø2.4x25.0mm	/	1.20	/	2	1000pcs
PH2024380L	Ø2.4x38.0mm	2.80		0.50	1	500pcs
PH2024500L	Ø2.4x50.0mm				1	500pcs
PH2032125L	Ø3.2x12.5mm				4	2000pcs
PH2032190L	Ø3.2x19.0mm	3.44		0.50	2	1000pcs
PH2032250L	Ø3.2x25.0mm	/	1.60	/	2	1000pcs
PH2032380L	Ø3.2x38.0mm	3.90		0.60	1	500pcs
PH2032500L	Ø3.2x50.0mm				1	500pcs
PH2048125L	Ø4.8x12.5mm				4	2000pcs
PH2048190L	Ø4.8x19.0mm	5.16		0.45	2	1000pcs
PH2048250L	Ø4.8x25.0mm	/	2.40	/	2	1000pcs
PH2048380L	Ø4.8x38.0mm	5.70		0.62	1	500pcs
PH2048500L	Ø4.8x50.0mm				1	500pcs
PH2064125L	Ø6.4x12.5mm				4	2000pcs
PH2064190L	Ø6.4x19.0mm	6.88		0.56	2	1000pcs
PH2064250L	Ø6.4x25.0mm	/	3.20	/	2	1000pcs
PH2064380L	Ø6.4x38.0mm	7.40		0.72	1	500pcs
PH2064500L	Ø6.4x50.0mm				1	500pcs
PH2095125L	Ø9.5x12.5mm				4	2000pcs
PH2095190L	Ø9.5x19.0mm	10.20		0.56	2	1000pcs
PH2095250L	Ø9.5x25.0mm	/	4.80	/	2	1000pcs
PH2095380L	Ø9.5x38.0mm	11.00		0.72	1	500pcs
PH2095500L	Ø9.5x50.0mm				1	500pcs
PH2127125L	Ø12.7x12.5mm				4	1000pcs
PH2127190L	Ø12.7x19.0mm	13.65		0.56	2	500pcs
PH2127250L	Ø12.7x25.0mm	/	6.40	/	2	500pcs
PH2127380L	Ø12.7x38.0mm	14.30		0.72	1	250pcs
PH2127500L	Ø12.7x50.0mm				1	250pcs
PH2190125L	Ø19.0x12.5mm				4	1000pcs
PH2190190L	Ø19.0x19.0mm	20.40		0.67	2	500pcs
PH2190250L	Ø19.0x25.0mm	/	9.50	/	2	500pcs
PH2190380L	Ø19.0x38.0mm	21.40		0.85	1	250pcs
PH2190500L	Ø19.0x50.0mm				1	250pcs
PH2254125L	Ø25.4x12.5mm				4	1000pcs
PH2254190L	Ø25.4x19.0mm	27.30		0.78	2	500pcs
PH2254250L	Ø25.4x25.0mm	/	12.70	/	2	500pcs
PH2254380L	Ø25.4x38.0mm	28.60		1.00	1	250pcs
PH2254500L	Ø25.4x50.0mm				1	250pcs

Please denote colour required by adding suffix Y=Yellow, W=White. Other sizes/colours on request.

3:1 HEAT SHRINK MARKERS

PROPERTY	TYPICAL VALUE	SPECIFICATION
Shrink Temperature	120°C	Internal
Content	Cross-linked Polyolefin	-
Flammability	Pass	Def Stan 59-97 type 2a
Tensile strength	24 Mpa	IEC 811-1-1
Elongation at Break	500%	IEC 811-1-1
Heat ageing 168 hr at 150°C	-	-
Tensile	19 Mpa	IEC 811-1-2
Elongation at Break	400%	IEC 811-1-2
Chemical Resistance	Good	-
Operating Temperature	-55°C to 135°C	IEC 216
Water absorption	<0.4%	VDE 0472
Dielectric Strength	25 KV/mm	VDE 303 part 2
Surface finish	Internal CSL	1.2 um minimum
Volume resistivity	1 x 10 ¹¹ OHM.CM	VDE 303 part 3

DIMENSIONS

PARTEX PART NUMBER	NOMINAL MARKER SIZE	I.D. MM MIN/MAX	RECOVERED I.D. MAX	RECOVERED WALL SIZE MIN/MAX	MARKERS/ ACROSS	MARKERS/ BOX
PH3030125L	Ø3.0x12.5mm				4	2000pcs
PH3030190L	Ø3.0x19.0mm	3.50		0.58	2	1000pcs
PH3030250L	Ø3.0x25.0mm	/	1.00	/	2	1000pcs
PH3030380L	Ø3.0x38.0mm	3.80		0.63	1	500pcs
PH3030500L	Ø3.0x50.0mm				1	500pcs
PH3048125L	Ø4.8x12.5mm				4	2000pcs
PH3048190L	Ø4.8x19.0mm	4.80		0.60	2	1000pcs
PH3048250L	Ø4.8x25.0mm	/	1.60	/	2	1000pcs
PH3048380L	Ø4.8x38.0mm	5.40		0.70	1	500pcs
PH3048500L	Ø4.8x50.0mm				1	500pcs
PH3060125L	Ø6.0x12.5mm				4	2000pcs
PH3060190L	Ø6.0x19.0mm	6.00		0.65	2	1000pcs
PH3060250L	Ø6.0x25.0mm	/	2.00	/	2	1000pcs
PH3060380L	Ø6.0x38.0mm	6.70		0.85	1	500pcs
PH3060500L	Ø6.0x50.0mm				1	500pcs
PH3090125L	Ø9.0x12.5mm				4	2000pcs
PH3090190L	Ø9.0x19.0mm	10.20		0.90	2	1000pcs
PH3090250L	Ø9.0x25.0mm	/	3.00	/	2	1000pcs
PH3090380L	Ø9.0x38.0mm	11.00		1.10	1	500pcs
PH3090500L	Ø9.0x50.0mm				1	500pcs
PH3120125L	Ø12.0x12.5mm				4	1000pcs
PH3120190L	Ø12.0x19.0mm	12.00		0.90	2	500pcs
PH3120250L	Ø12.0x25.0mm	/	4.00	/	2	500pcs
PH3120380L	Ø12.0x38.0mm	14.40		1.10	1	250pcs
PH3120500L	Ø12.0x50.0mm				1	250pcs
PH3180125L	Ø18.0x12.5mm				4	1000pcs
PH3180190L	Ø18.0x19.0mm	20.00		0.90	2	500pcs
PH3180250L	Ø18.0x25.0mm	/	6.00	/	2	500pcs
PH3180380L	Ø18.0x38.0mm	22.00		1.10	1	250pcs
PH3180500L	Ø18.0x50.0mm				1	250pcs
PH3240125L	Ø24.0x12.5mm				4	1000pcs
PH3240190L	Ø24.0x19.0mm	26.50		1.00	2	500pcs
PH3240250L	Ø24.0x25.0mm	/	8.00	/	2	500pcs
PH3240380L	Ø24.0x38.0mm	28.50		1.30	1	250pcs
PH3240500L	Ø24.0x50.0mm				1	250pcs

Please denote colour required by adding suffix Y=Yellow, W=White. Other sizes/colours on request.

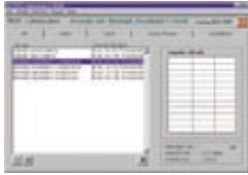
2:1 HEAT SHRINK MARKERS ZERO HALOGEN

PROPERTY	TYPICAL VALUE	SPECIFICATION
Shrink Temperature	120°C	Internal
Content	Cross-linked Polyolefin	-
Flammability	Pass	Def Stan 59-97 type 2a
Tensile strength	10 Mpa	IEC 811-1-1
Elongation at Break	200%	IEC 811-1-1
Heat ageing 168 hr at 150°C	-	-
Tensile	19 Mpa	IEC 811-1-1
Elongation at Break	150%	IEC 811-1-1
Chemical Resistance	Good	-
Operating Temperature	-55°C to +135°C	BS4G 198 part 3
Water absorption	<0.4%	VDE 0472
Dielectric Strength	20 KV/mm	VDE 303 part 2
Surface finish	Internal CSL	1.2 um minimum
Volume resistivity	1 x 10 ⁽¹²⁾ OHM.CM	Def Stan 59-91

DIMENSIONS

PARTEX PART NUMBER	NOMINAL MARKER SIZE	I.D. MM MIN/MAX	RECOVERED I.D. MAX	RECOVERED WALL SIZE MIN/MAX	MARKERS/ ACROSS	MARKERS/ BOX
PH0024125L	Ø2.4x12.5mm	2.50		0.40	4	2000pcs
PH0024190L	Ø2.4x19.0mm		1.20	/	2	1000pcs
PH0024250L	Ø2.4x25.0mm	/		/	2	1000pcs
PH0024380L	Ø2.4x38.0mm	2.80		0.50	1	500pcs
PH0024500L	Ø2.4x50.0mm				1	500pcs
PH0032125L	Ø3.2x12.5mm				4	2000pcs
PH0032190L	Ø3.2x19.0mm	3.44		0.50	2	1000pcs
PH0032250L	Ø3.2x25.0mm	/	1.60	/	2	1000pcs
PH0032380L	Ø3.2x38.0mm	3.90		0.60	1	500pcs
PH0032500L	Ø3.2x50.0mm				1	500pcs
PH0048125L	Ø4.8x12.5mm				4	2000pcs
PH0048190L	Ø4.8x19.0mm	5.16		0.45	2	1000pcs
PH0048250L	Ø4.8x25.0mm	/	2.40	/	2	1000pcs
PH0048380L	Ø4.8x38.0mm	5.70		0.62	1	500pcs
PH0048500L	Ø4.8x50.0mm				1	500pcs
PH0064125L	Ø6.4x12.5mm				4	2000pcs
PH0064190L	Ø6.4x19.0mm	6.88		0.56	2	1000pcs
PH0064250L	Ø6.4x25.0mm	/	3.20	/	2	1000pcs
PH0064380L	Ø6.4x38.0mm	7.40		0.72	1	500pcs
PH0064500L	Ø6.4x50.0mm				1	500pcs
PH0095125L	Ø9.5x12.5mm				4	2000pcs
PH0095190L	Ø9.5x19.0mm	10.20		0.56	2	1000pcs
PH0095250L	Ø9.5x25.0mm	/	4.80	/	2	1000pcs
PH0095380L	Ø9.5x38.0mm	11.00		0.72	1	500pcs
PH0095500L	Ø9.5x50.0mm				1	500pcs
PH0127125L	Ø12.7x12.5mm				4	1000pcs
PH0127190L	Ø12.7x19.0mm	13.65		0.56	2	500pcs
PH0127250L	Ø12.7x25.0mm	/	6.40	/	2	500pcs
PH0127380L	Ø12.7x38.0mm	14.30		0.72	1	250pcs
PH0127500L	Ø12.7x50.0mm				1	250pcs
PH0190125L	Ø19.0x12.5mm				4	1000pcs
PH0190190L	Ø19.0x19.0mm	20.40		0.67	2	500pcs
PH0190250L	Ø19.0x25.0mm	/	9.50	/	2	500pcs
PH0190380L	Ø19.0x38.0mm	21.40		0.85	1	250pcs
PH0190500L	Ø19.0x50.0mm				1	250pcs
PH0254125L	Ø25.4x12.5mm				4	1000pcs
PH0254190L	Ø25.4x19.0mm	27.30		0.78	2	500pcs
PH0254250L	Ø25.4x25.0mm	/	12.70	/	2	500pcs
PH0254380L	Ø25.4x38.0mm	28.60		1.00	1	250pcs
PH0254500L	Ø25.4x50.0mm				1	250pcs

Please denote colour required by adding suffix Y=Yellow, W=White. Other sizes/colours on request.



PH-SOFTWARE

PH Label Software for Windows

For design and printing of Heatex Markers and labels

- Works under Windows 95, 98, NT and 2000 Professional
- English and German language
- WYSIWYG
- Line and marker copying
- Preview facilities
- Import facilities for most CAD software
- Import facilities of BMP, JPEG, GIF, ANT, ICO and CUR files
- Generation of alpha/numerical series

Printer ribbons for thermal transfer printers

Special ribbons for high performance printing

- Material:** Polyester film
Thickness: 9.0 micron +/-0.5
Colour: Black

SIZES AND PACKAGING

TYPE	WIDTH MM	CORE DIA. MM	OUTER DIA. MM	METRES ON ROLL	PARTEX PART NUMBER
Wax/resin	55	25	70	360	TTR055360WR
Wax/resin	110	25	70	360	TTR110360WR
Wax/resin	110	12.5	35	90	TTR110090WR
Wax	55	25	70	360	TTR055360W
Wax	110	25	70	360	TTR110360W
Wax	110	12.5	35	90	TTR110090W
Resin	55	25	70	360	TTR055360R
Resin	110	25	70	360	TTR110360R
Resin	110	12.5	35	90	TTR110090R



Gemini 2M Thermal Transfer Printer

- Windows™ driven**
Print resolution: 200 dpi
Print speed: 100 mm/sec
Label width upto: 116 mm
Print width upto: 104 mm
Roll diameter max: 200 mm
GEMINI 2M



OKI 380 Dot Matrix Printer

24-needle printer, modified for the Heatex Marking System for excellent mark permanence in harsh environments.
DMP OKI 380

Dot Matrix Ribbon for OKI 380

Special printer ribbon for printing on Heatex Marker Sleeves.
DMR OKI 380

X-Card Marking System



(Laptop computer not included)



- Provides a complete customized marking system using fast clean, thermal transfer printing.
- Prints onto marker tags, which are in a credit card format.

DETAILS

The X-Card printer is loaded with a number of PFC cards in a feeder magazine, which feeds the cards one by one through the printer where all the individually cut tags are printed row by row under the thermo-transfer head. The printed PFC cards are then automatically fed to an output magazine.

The injection moulded cards of comb type are used directly as a mounting tool. Tags are put directly into the pocket of the PT+ holder, which can already have been mounted on the wire. Marking can thus be made after the wire has been connected.

The tags of the pre-cut card can be broken off first and put into the pocket of the PT+ holder,

which is then mounted on the wire. Mounting is made considerably easier in both versions because the project information is marked onto the card at the same time that the tags are being printed.

The WINSIGN PRO software can easily provide this information together with the easily programmed marking information. Different file formats can be imported to WINSIGN PRO. e.g. from CAD or MPS systems.

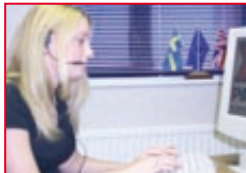
SYSTEM LAYOUTS

X-CARD printer MK3, injection moulded tag cards.

SOFTWARE: WINSIGN PRO.



Mick



Michelle



Aaron

CALL OUR SALES TEAM HOTLINE ON: 01675 463670

The X-Card Printer



X-CARD PRINTER MK3:

PRINTER TECHNOLOGY: Thermo transfer with recommended printing ribbon.

RESOLUTION: 300 dpi/11.8 dots/mm.

CARD SPEED: 5 cards per minute.

Computer connection to parallel port.

WORKING TEMPERATURE RANGE: 5°C to 35°C.

STORING TEMPERATURE: -7°C to +60°C.

MEASUREMENTS: 220 x 198 x 315 mm.

SOFTWARE: WINSIGN PRO.

WEIGHT: 8.2 Kg.

POWER CONNECTION: 120 VAC-240 VAC, 50-60 Hz.

CARD SIZE: 86 x 54 mm.

CARD MATERIAL: Polystyrene.

X-CARD PRINTER

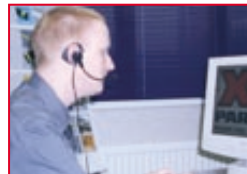
PARTEX PART NUMBER	DESCRIPTION
MK3	X-Card printer including Winsign Pro software



Sonia



Debbie



Paul

E-MAIL YOUR ORDERS OR ENQUIRIES TO: sales@partex.co.uk

Printer

X-Card

PFC Marker Tags and PT+ Holders for use with the X-Card Printer



Sleeve with tag on wire. Tag can be inserted after connection has been made.



PT+ sleeve with tag.

MARKER TAGS

PARTEX PART NUMBER	DESCRIPTION
PFC 10/15 White	White polystyrene injection moulded card, 35 tags per card
PFC 10/15 Yellow	Yellow polystyrene injection moulded card, 35 tags per card
PFC 10/21 White	White polystyrene injection moulded card, 21 tags per card
PFC 10/21 Yellow	Yellow polystyrene injection moulded card, 21 tags per card

MARKER HOLDERS - FOR THE PFC10/15 TAG

PARTEX PART NUMBER	SIZE RANGE	HOLDERS PER PACK
PT+ 02/15	Ø 1.7 - 2.8mm ² 0.5, 0.75mm ²	200
PT+ 10/15	Ø 2.5 - 5.0mm 0.75, 1.0, 1.5, 2.5, 4.0mm ²	200
PT+ 20/15	Ø 4.0 - 10.0mm 2.5 - 16mm ²	100

MARKER HOLDERS - FOR THE PFC10/21 TAG

PARTEX PART NUMBER	SIZE RANGE	HOLDERS PER PACK
PT+ 02/21	Ø 1.7 - 2.8mm ² 0.5, 0.75mm ²	200
PT+ 10/21	Ø 2.5 - 5.0mm 0.75, 1.0, 1.5, 2.5, 4.0mm ²	200
PT+ 20/21	Ø 4.0 - 10.0mm 2.5 - 16mm ²	100

PT/PF Wire Marking System



Produce your own wire markers using your existing computer and dot matrix or laser printer. Partex will provide the X-Soft software free of charge. All you need are holders and inserts.

PT HOLDERS - FOR THE PF10/15 INSERT

PARTEX PART NUMBER	SIZE RANGE	HOLDERS PER PACK
PT 02/15	Ø 1.7 - 2.8mm ² 0.5, 0.75mm ²	200
PT 10/15	Ø 2.5 - 5.0mm 0.75, 1.0, 1.5, 2.5, 4.0mm ²	200
PT 20/15	Ø 4.0 - 10.0mm 2.5 - 16mm ²	100

PT HOLDERS - FOR THE PF10/21 INSERT

PARTEX PART NUMBER	SIZE RANGE	HOLDERS PER PACK
PT 02/21	Ø 1.7 - 2.8mm ² 0.5, 0.75mm ²	200
PT 10/21	Ø 2.5 - 5.0mm 0.75, 1.0, 1.5, 2.5, 4.0mm ²	200
PT 20/21	Ø 4.0 - 10.0mm 2.5 - 16mm ²	100
PT 30/21	Ø 8.0 - 16mm 16 - 70mm ²	100

PF INSERTS

PARTEX PART NUMBER	COLOUR OF INSERTS	NUMBER OF INSERTS PER SHEET
PF 10/15 White	White	792
PF 10/15 Yellow	Yellow	792
PF 10/21 White	White	594
PF 10/21 Yellow	Yellow	594

10 sheets
per pack

Please Note

- On the PF 10/15 insert you can print a single line of text 10 characters long in 'Normal' text, a single line of 5 characters in 'Bold' text or two lines of text 10 characters long in 'Micro' text.
- On the PF 10/21 insert you can print a single line of text 14 characters long in 'Normal' text, a single line of 7 characters in 'Bold' text or two lines of text 14 characters long in 'Micro' text.



PF INSERTION TOOL

PARTEX PART NUMBER

PF Tool

Insertion tool for putting the two lengths of PF inserts into the PT holders.

Print your own inserts using PF material

PT/PF Wire Marking System

PM/PF Cable Marking System



Produce your own cable markers using your existing computer and dot matrix or laser printer. Partex will provide the X-Soft software free of charge. All you need are holders and inserts.

PM HOLDERS - FOR THE PF10/21 INSERT

PARTEX PART NUMBER	SIZE LENGTH X WIDTH (MM)	HOLDERS PER PACK
PM 10/33	33 x 6	100

PM HOLDERS - FOR THE PF20/17.5 INSERT

PARTEX PART NUMBER	SIZE LENGTH X WIDTH (MM)	HOLDERS PER PACK	NUMBER OF PF20/17.5 INSERTS THAT CAN BE INSERTED INTO THE HOLDER
PM 20/33	33 x 11.3	100	1
PM 20/66	66 x 11.3	50	1, 2 or 3

PF INSERTS

PARTEX PART NUMBER	COLOUR OF INSERTS	NUMBER OF INSERTS PER SHEET
PF 10/21 White	White	594
PF 10/21 Yellow	Yellow	594
PF 20/17.5 White	White	352
PF 20/17.5 Yellow	Yellow	352

Please Note

- On the PF 10/21 size you can print per insert a single line of text 14 characters long in 'Normal' text, a single line of 7 characters in 'Bold' text or two lines of text 14 characters long in 'Micro' text.
- On the PF 20/17.5 size you can print per insert a single line of 5 characters long in 'Large' text, two lines of 5 characters long in 'Bold' text, two lines of text 11 characters long in 'Normal' text and four lines 11 characters long in 'Micro' text.

PS Control Panel Marking System (using PF material)



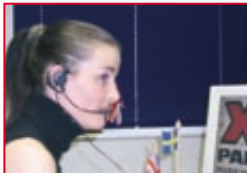
Partex have introduced the ability to print inserts using your computer and either a dot matrix or laser jet printer which then clip onto the PS rail using transparent holders. Text height and width can be varied.

PARTEX PART NUMBER	DESCRIPTION	NUMBER OF PIECES PER PACK
PS 20-1T	Transparent Holder 17.5mm	20
PS 20-2T	Transparent Holder 35mm	20
PS 20-3T	Transparent Holder 52.5mm	20
PF 20/17.5 White	Labels to be used with holders	352 labels per sheet/10 sheets per pack
PF 20/17.5 Yellow	Labels to be used with holders	352 labels per sheet/10 sheets per pack

Please Note

- If you wish to print your own labels, please contact the Partex Sales Desk to arrange for the X-Soft software to be supplied free of charge.

Please see page 20 for more details of the PS Control Panel Marking System.



Kate



Sue



Mick

VISIT OUR WEBSITE: www.partex.co.uk

Printing your own inserts using PF material

PS Control Panel Marking System

PFA Component Labels



PRODUCT OVERVIEW

- Self-adhesive label material for direct marking in cabinets and onto components.
- Label modules pre-punched in standardized 17.5mm units.
- Easy to separate polyester foil on paper backing, specially pre-processed for printing.
- Halogen-free.
- Very durable and environment resistant print-out by matrix printer or laser printer.
- Fast, smart and easy marking on-site with PARTEX software, Winsign or XSOFT.
- Installation time can be 4 times faster than combination systems.

The labels are made from self-adhesed, halogen free, polyester foil, pre-punched in standardised 17.5mm units and come on a paper backing of A4 width with removable tractor feeds. Using the Partex X-Soft software you can print across, up to four 17.5mm units allowing up to 4 lines of text, 46 characters per line.

PARTEX PART NUMBER	COLOUR OF LABEL	NO. OF LABELS PER SHEET	ORDER QUANTITY
PFA 20/17.5 White	White	352	Single sheets or Pack of 10 sheets
PFA 20/17.5 Yellow	Yellow	352	Single sheets or Pack of 10 sheets

Please Note

- Dot matrix or laser jet printers are recommended for use with the PFA material. Ink jet printers are unsuitable. It is recommended that after printing with a dot matrix printer the white material be left for at least 10 minutes to absorb the print and for the yellow material at least 30 minutes. Please contact our sales desk and we will be pleased to arrange for samples etc. to be forwarded to ensure printer compatibility.

XSOFT and XCOM Software



XSOFT 1.5 and XCOM 1.3

- Both programmes are available on a disk free of charge for use with Partex products.
- XSOFT is for use with the PT/PF, PM/PF, PS/PF and PFA 'In-house' marking systems which allows you to produce your own customized markers.
- XCOM is a program that enables you to assemble your customized PA, PC or POK requirements quickly and easily and forward these requirements to Partex for Partex to produce your customized markers.

• XSOFT 1.5 - SPECIFICATION

COMPUTER REQUIREMENTS:

PC 386 or equivalent.

INTERNAL MEMORY REQUIREMENT: 4 Mb.

OPERATING SYSTEM: MS-DOS 3.3 or later.

ENVIRONMENT: Windows 3.1 or Windows 95.

FILE OPERATIONS: Open, Save, Print, Text transfer, Record label information.

TYPE FACES: Normal, Bold, Large of Micro.

To achieve maximum possible efficiency in label usage (matrix printers), print out of less than A4 size marking information is possible. Adjustable top margin (matrix printers) ensures correct text positioning when changing materials.

HELP MESSAGES: Standard Windows.

NUMBER GENERATOR: An advanced number generator enables simultaneous generation of numerical series/sequences.

FOR USE WITH:

LABEL MATERIAL: PARTEX PF or PFA for wire, cable and component marking.

LABEL HOLDER: PARTEX PT, PM or PS for wire, cable and component marking.

TEXT OPERATIONS: Clip, Copy, Search and Replace text.

GO TO: Rapid access to required label position.

PRINTERS: Matrix and laser.

PRINT OPERATIONS: Beginning with the recorded label information, whole or part texts can be printed out. Print can be continuous or page by page for checking text and layout.

• XCOM 1.3 - SPECIFICATION

COMPUTER REQUIREMENTS: PC386

SEARCH FUNCTIONS: Various search or equivalent, and replace possibilities.

INTERNAL MEMORY: 512 Kb.

ENVIRONMENT: MS-DOS 2.11 or later.

UNDO: Various undo functions.

FILE FORMAT: PARTEX R-format.

OPTIONAL EXTRAS: Margin settings colours etc.

MACRO PROGRAMMING: Possible to create own macro commands.

ORDER SUMMARY: A table of the number of types of sleeve ordered.

OPERATIONS: Copy, Delete, Move etc.

WINSIGN PRO Software and Specialist Label System

WINSIGN PRO

Software and Specialist Label System



- A more sophisticated program than XSOFT which can be used with PT/PF, PM/PF, PS and PFA marking systems. Also for use with the MK1 and MK3 printing machines.
- This software also lies at the heart of a specialist label service we offer. It is worth reading the following section:-

WINSIGN PRO: A PROJECT AND DATABASE ORIENTED SYSTEM FOR LABELS

- A production system for planning, producing and printing customized labels.
- Print your whole range of required labels on a single label sheet.
- Software in Windows environment with data base which can be exported.
- Considerable cost advantages when handling, manufacturing and filing various label projects.
- Allows, revision, preview and print-out for filing.
- Simple integration and communication with external host computer.

SPECIFICATION:

DESIGN: Labels consist of PARTEX self adhesive polyester foil PFA. Sheet is A4 width and 12" length containing a number of labels. Sheet can contain various size of labels. New sheet formats can be produced rapidly and easily by PARTEX with a new tool process. Thus the use and marking needs of labels are optimized, which also reduces marking costs significantly.

TEMPERATURE RANGE: From -30°C to $+120^{\circ}\text{C}$.

NB: Laser printer resistant.

PRINT: Printed by software WINSIGN on matrix or thermal transfer printers. All installed Windows fonts available, also symbols.

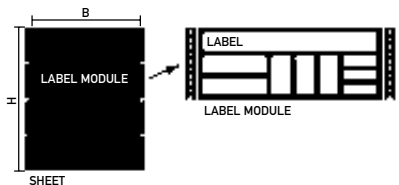
DURABILITY: Depending on area of use, the durability will be specified for the specific application Test reports available.

MATERIAL: Halogen free, pre-coated adhesive polyester foil.

COLOUR: White standard, other colours on request.

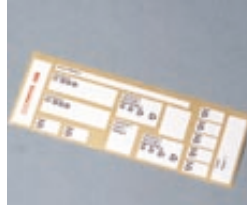
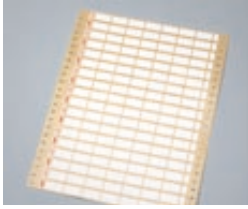
LABEL MODULES

Sheet format determined by height and width. Note that the feeding is not included in sheet format. Margins of top, bottom, left and right are given in mm. Each sheet consists of a number of label modules made up a number of labels of different sizes with defined heights and widths. The label drawing defines the number of rows for every type of label, the type fonts available for every label as well as available characters.



SIZES AND PACKAGING

Sheets of label modules with customized label sizes come in boxes with quantities as requested by customer.



SOFTWARE DESCRIPTION

The WINSIGN software has been developed for Microsoft Windows 3.1 and Windows for Workgroups 3.11. It can also be used on Windows NT and Windows 95. WINSIGN has been specifically developed with different objects in industrial projects in mind. The software is a pure Windows application coupled to a database for industrial handling of documents and production of labels. The system communicates with the database, opens, stores, searches, revises, copies and prints labels.

Project data, ie: information concerning the part of the project containing label marking (text as well as revisions) is stored in a structured fashion to be accessible for production and to enable tracking as well as designing of label marking for rebuilding and spare parts long after the information was created.

The structure consists of project, label drawings with subgroup categories within the project as well as the separate labels.

The project can be created, opened, copied and printed.

AN EXAMPLE OF AN APPLICATION RAILWAY ENGINE

It could as well have been any industrial project requiring a structured way of projecting, producing, handling, documenting and later in the life cycle of the project possibly revising marking of components and locations.

A railway engine is divided into sections, eg: roof, cabin, engine house, bogie, bogie wagon. The sections contain control cabinet, display panels, junction boxes etc.

A control cabinet may in its turn contain modules made up of different components which must be marked as regards their location in the module or on themselves.

In WINSIGN the railway engine is a project and a certain section of the railway engine is a location.

The label drawings can be searched, created, edited, copied, previewed in advance, revised and printed.

They contain label types, label numbers, position numbers, revision numbers, location designation and possibly quantities of similar labels. This information is stored in the database. A location is a designation of the device or such which contains the labels. Every time a new label is made a position number is created automatically as the label drawing is being constructed. A label drawing can be under construction, under revision, blocked or approved. Printing of label drawings comprises searching, choice and number of copies of multiple drawings and labels.

Labels can be searched, created, edited, previewed, revised and printed. The included project data fields are shown simultaneously. The system allows setting different user rights.

For printing, the entire font and symbol system in Windows is available. Apart from printing labels, printing and handling of label drawings, revisions of paper documents and preliminary preview with optional label frames, are included.

A control cabinet containing different units can have several label drawings. A label drawing can consist of one or more label modules. Every label module contains several identical or different labels. Every label is used for marking a location or a component.

An important aspect is the systems ability to handle revisions at label drawing or label level.

The labels are divided into different categories – signs for prefabrication of cables, labels for preassembly of cabinets, and labels for final assembly. The category is chosen for a label drawing when the project and the label drawing is created.