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Colour Codes

0	**9**
Colour of Sleeve Black (Ral No. 9011), White Print	Colour of Sleeve White (Ral No. 9010), Black Print
1	**A–Z**
Colour of Sleeve Brown (Ral No. 8015), White Print	Colour of Sleeve Pink (Ral No. 3014), Black Print
2	⏚
Colour of Sleeve Red (Ral No. 3018), White Print	Colour of Sleeve Yellow/Green, Black Print
3	**+**
Colour of Sleeve Orange (Ral No. 2004), Black Print	Colour of Sleeve Red, White Print
4	**–**
Colour of Sleeve Yellow (Ral No. 1021), Black Print	Colour of Sleeve Blue, White Print
5	**N**
Colour of Sleeve Green (Ral No. 6001), White Print	Colour of Sleeve Blue, White Print
6	**MP**
Colour of Sleeve Bleu (Ral No. 5010), White Print	Colour of Sleeve Blue, White Print
7	**TRIP**
Colour of Sleeve Violet (Ral No. 4006), White Print	Colour of Sleeve Red, White Print
8	
Colour of Sleeve Grey (Ral No. 7005), Black Print	
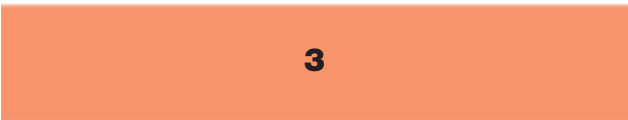
Printable Markers

Print your own markers to your requirements!

Laser Printable

- Self-laminating markers have a clear overlay of polyester that protects the legend against oils, grease, water, chemicals, and foreign matter
- Markers feature a strong adhesive for maximum adhesion to the wire and are available in a variery of sizes, both as standard and specials
- 1 Mil Polyester (same material as WPR rolls)
- Test template included with each 25 pack
- Sizes to suit most applications

Cat. No.	Sheet Size (in.)	Markers per Sheet	Marker Size (in.)	Print Area W x L (in.)	Max. Wire Dia. (in.)
WLP-1112	8-1/2 x 11	48	1 x 1-1/2	1/2 x 1	5/16
WLP-1214		32	1 x 2-1/4	1 x 3/4	15/32
WLP-12112		96	1/2 x 1-1/2	1/2 x 1/2	5/16
WLP-12114		64	1/2 x 2-1/4	1/2 x 3/4	15/32
WLP-12300		48	1/2 x 3	1/2 x 1	7/8
WLP-1300		24	1 x 3	1 x 1	
WLP-1500		16	1 x 5		1-1/4
WLP-2112		24	2 x 1-1/2	2-1/2 x 2	5/16
WLP-2214		16	2 x 2-1/4	2 x 3/4	15/32
WLP-2300		12	2 x 3	2 x 1	7/8
WLP-2500		8	2 x 5		1-1/4

Order in multiples of 25 sheets.
Add suffix A for 500 sheets, B for 1,000 sheets.
WLP labels may be used on any standard laser printer.

Dot-Matrix Printer Labels

Cat. No.	Sheet Size (in.)	Markers per Sheet	Marker Size W x L (in.)	Print Area W x L (in.)	Max. Wire Dia. (in.)
WES-12112	9-1/2 x 8	64	1/2 x 1-1/2	1/2 x 1/2	5/16
WES-1112		32	1 x 1-1/2	1 x 1/2	
WES-2112		16	2 x 1-1/2	2 x 1/2	
WES-12214	9-1/2 x 9	48	1/2 x 2-1/4	1/2 x 3/4	15/32
WES-1214		24	1 x 2-1/4	1 x 3/4	
WES-2214		12	2 x 2-1/4	2 x 3/4	
WES-12334		32	1/2 x 3-3/4	1/2 x 1	7/8
WES-1334		16	1 x 3-3/4	1 x 1	
WES-2334		8	2 x 3-3/4	2 x 1	
WES-2512	9-1/2 x 12		2 x 5-1/2		1-1/2
WES-2128	9-1/2 x 9	3	2-1/2 x 8-1/2	2-1/2 x 2	2

Order in multiples of 25 sheets.
WES labels may be used on any standard dot matrix printer.

Laser Printable

Cat. No.	Sheet Size (in.)	Markers per Sheet	Marker Size W x L (in.)	Print Area W x L (in.)	Max. Wire Dia. (in.)
WES-12112	9 x 8	64	1/2 x 1-1/2	1/2 x 1/2	5/16
WES-1112		32	1 x 1-1/2	1 x 1/2	
WES-2112		16	2 x 1-1/2	2 x 1/2	
WES-1214	9 x 9	24	1 x 2-1/4	1 x 3/4	15/32
WES-2214		12	2 x 2-1/4	2 x 3/4	
WES-1334		16	1 x 3-3/4	1 x 1	7/8
WES-2334		8	2 x 3-3/4	2 x 1	

Wire Marker Books

Markers that withstand oil, water and humidity!

Vinyl Cloth, Standard Books

- Choose the numbers or letters you need
- Wide selection of sizes and legends
- Size 3 in. x 5 in. (76 mm x 146 mm)
- Material: vinyl cloth
- Cover keeps markers clean
- Books are 3 in. x 5-1/2 in. pocket size
- 10 pages per book

Easy to Use!

Pocket pack wire marker books are easy to carry and easy to use. The material is an all-purpose vinyl coated cloth tape exclusively designed to resist abrasion, oil, water and dirt.

From Thomas & Betts you get the one-piece wire marker and terminal marker. A slight die-cut enables you to easily remove the terminal.

Cat. No.	Number of Markers and Legends
WM-0 thru 9	40 markers each: 0 thru 9; 10 markers each: T_1, T_2, T_3, L_1, L_2, L_3, WM-0 thru -9
WM-0-9M	46 markers each page; full page of 1, full page of 2, etc.
WM-0-45	10 markers each: 0 thru 45
WM-46-90	10 markers each: 46 thru 90
WM-A-Z	10 markers each: A thru Z, +, -, and 0 thru 15
WM-123	150 markers each: 1, 2, 3
WM-ABC	150 markers each: A, B, C
WM-A-33	10 markers each: 1 thru 33, A, B, C, +, -, T_1, T_2, T_3, L_1, L_2, L_3
WM-A-90	6 markers each: 0 thru 15; 4 markers each: 1
WM-0 thru WM-9	2 markers each; 6 thru 90, A thru Z 460 markers each of any number 0 thru 9
WM-A, -B, -C, -D, -E, -F, -G, -L, -N, -P, -R, -S, -T, or X	460 markers each of any letter: -A, -B, -C, -D, -E, -F, -G, -L, -N, -P, -R ,-S, -T or -X
WM-GRD	120 markers 7/16 in. X 2-1/2 in. or 240 markers 7/16 in. x 1-1/4 in. "GRD" legend
WMLC-1	24 legends, 2 legends each per page, 480 markers per book for house wiring and circuit breakers; 5/8 in. x 13/32 in. (16 mm x 10 mm)

Cat. No.	Number of Markers and Legends
WM-T3	10 pages T_1, T_2, T_3; 140 markers ea.; Total 420
WM-L3	10 pages L_1, L_2, L_3; 140 markers ea.; Total 420
WM-9T	3 pages 1, 2, 3; 42 markers ea.; 3 pages A, B, C; 42 markers ea.; 2 pages T_1, T_2, T_3; 28 markers ea.; 2 pages L_1, L_2, L_3; 28 markers ea.; Total 140
WM-1-30	10 Pages 1-30; 14 markers ea.; Total 140
WM-12	8-2/3 Pages A-Z, 14 markers ea.; Blank Write-Ons 1 Page, 22 markers; Plus & Minus 1/3 Page, 7 markers ea.;Total 393
WM-13	Plus & Minus, AC, DC, 1 Page ea., 46 markers ea.; Pos. Neg. Gnd. 1 Page ea., 28 markers ea.; Spare, Neut. 1 Page ea., 22 markers ea.; Blank Write-Ons 1 Page ea., 22 markers ea.; Total 256
WM-0-90	5 pages, 0–45; 5 markers ea.; 5 pages, 46–90; 5 markers ea.; Total 455

Thomas&Betts

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Wire Marker Books

## A handy solution for your identification needs!

Compact Wire Marker Books

- Compact books are easier to carry
- Bold letters/numbers, easy to apply and read
- Convenient alphanumeric and load center legends
- E-Z-Snap feature removes the entire sheet more easily from the booklet
- Vinyl coated cloth

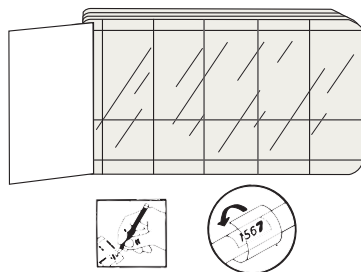| Cat. No.	Number of Markers and Legends
WCMB-0-9	128 markers 0-9, ABC, +-/; marker size 1/4 in. x 1-1/2 in.
WCMB-LC	176 markers Load-center Labels; marker size 1-1/32 in. x 3/4 in.

Identify and protect all in one!
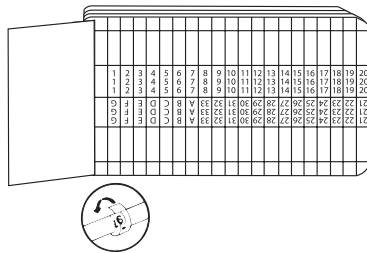
Vinyl Self-Laminating Books

- Convenient alphanumeric legends
- Lamination keeps markers protected

Cat. No.	Number of Markers and Legends
WMSL 1-33, A-G	400 markers: 1/4 in. x 1-1/4 in.– printed area 5/8 in.; 10 markers each: 1 thru 33 and A thru G
WMSL-0-9	40 markers each 0 thru 9; 10 markers each:T_1, T_2, T_3, L_1, L_2, L_3
WMSL-0-45	10 markers each 0 thru 45
WMSL-46-90	10 markers each 46 thru 90
WMSL-A-Z	10 markers each: A thru Z; +, -, and 0 thru 15
WMSL-A-90	6 markers each: 0 thru 15; 4 markers each 16 thru 90; 2 markers each A thru Z

Vinyl Self-Laminating, Blank Write-on Books

- Choose from a variety of marking area sizes
- Clear area covers print legend for extra protection
- Lamination keeps markers protected

Cat. No.	Number of Markers and Legends
WM-BW3	30 markers 1 in. x 4-7/8 in. blank write-on, self-laminating markers; marking area: 1 in. x 1 in.
WM-BW5	60 markers 1 in. x 2-3/4 in. blank write-on, self-laminating markers; marking area: 1 in. x 3/4 in.
WM-BW12	200 markers 1/2 in. x 1-1/4 in. blank write-on, self-laminating markers; marking area: 1/2 in. x 5/8 in.
WM-BW14	400 markers 1/4 in. x 1-1/4 in. blank write-on, self-laminating markers; marking area: 1/4 in. x 5/8 in.
WM-BW34	140 markers 3/4 in. x 1-1/4 in. blank write-on, self-laminating markers; marking area: 3/4 in. x 5/8 in.
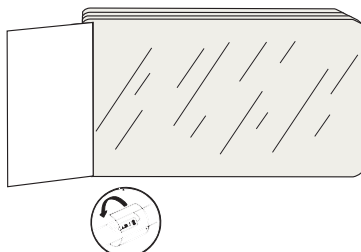
Vinyl Self-Laminating, Standard Laminator Book

- Protect labels or apply over non-sticking markers
- 50, 3-1/2 in. x 5 in. clear cable laminators

Cat. No.	Number of Markers and Legends
WM-LAM	50, 3-1/2 in. x 5 in. clear cable laminators

Wire Marker Cards – Vinyl Cloth

Vinyl, Colour Coding Standard Books

- Available in two sizes
- Colour your wires for coding and other applications

Cat. No.	Number of Markers and Legends
WM-COL14	460 Markers each: 1/4 in. x 1-1/4 in. 1 page yellow and blue; 2 pages red, white, green, and black
WM-COL1	50 Markers each: 1 in. x 2-1/4 in. 1 page yellow and blue; 2 pages red, white, green and black

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Wire Marker Cards – Vinyl Cloth

Marker Cards repel oil, water, and humidity!

Catalogue Numbering System

Example:

| W C | 100 | S | = *Wire Marker Card* |

Legend 100

1-1/2 in. Size

Y *Replace Y with length*

  S = 1-1/2 in.

  D = 3/4 in.

X *Replace X with legend*

  Single character = 1, 2, 3, etc.
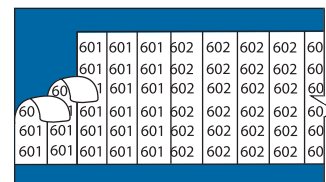
  Sequence = 1 thru 33

W (_) *Replace (_) with legend*

  C = Wire Marker Card

  S = Vinyl Self-laminated

- Select from a variety of number and letter combinations and sizes
- Material — vinyl cloth
- Standard length 1-1/2 in.
- Available in 3/4 in. length

Numbers in Sequence

Cat. No.	Legend	Markers per Card	
		1-1/2 in. (38 mm)	3/4 in. (19 mm)*
WC1 thru 33S	1–33		
WC34 thru 66S	34–66	33	66
WC67 thru 99S	67–99		
WC100 thru 124S	100–125		
WC125 thru 149S	125–149	25	50
WC974 thru 999S	974–999		

Order in multiples of 25 cards.
*When 3/4 in. length markers are required, substitute the last S in the catalogue number with a D, i.e. WC1 thru 33S would become WC1 thru 33D.
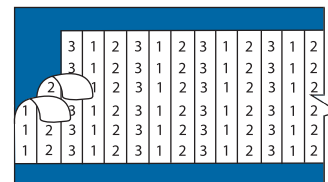
Solid Numbers
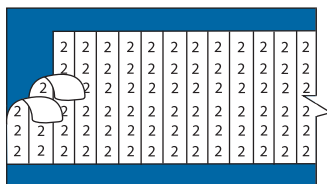
Cat. No.	Legend	Markers per Card	
		1-1/2 in. (38 mm)	3/4 in. (19 mm)*
WCZEROS	0		
WC1S, WC2S thru WC99S	1, 2, ...99	36	72
WC101S, WC102S thru WC600S	101, 102, ...600	25	50

Order in multiples of 25 cards.
*When 3/4 in. length markers are required, substitute the last S in the catalogue number with a D, i.e. WC1S would become WC1D.

Numbers in Sequence Repeated

Cat. No.	Legend	Markers per Card	
		1-1/2 in. (38 mm)	3/4 in. (19 mm)*
WC1 thru 3S	1–3	36	72
WC1 thru 4S	1–4		
WC1 thru 5S	1–5	35	70
WC0 thru 10S	0–10	33	66
WC1 thru 12S	1–12		
WC1 thru 18S	1–18	36	72
WC19 thru 36S	19–36		

Order in multiples of 25 cards.
*When 3/4 in. length markers are required, substitute the last S in the catalogue number with a D, i.e. WC1 thru 3S would become WC1 thru 3D.

Wire Marker Cards – Vinyl Cloth

Paired Numbers in Sequence

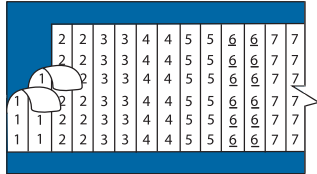| Cat. No.	Legend	Markers per Card	
		1-1/2 in. (38 mm)	3/4 in. (19 mm)*
WC1 thru 16PS	1–16		
WC17 thru 32PS	17–32	16	32
WC33 thru 48PS	33–48		

Order in multiples of 25 cards. *When 3/4 in. length markers are required, substitute the last S in the catalogue number with a D, i.e. WC1 thru 16PS would become WC1 thru 16PD.
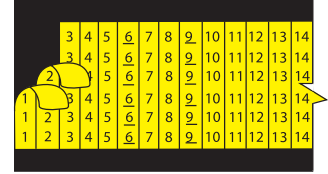
Suffix Numbers

- Use to extend numbers or to make alphanumeric codes (i.e. adding suffix 05 to ABC = ABC05)
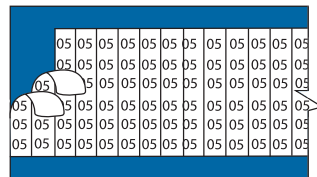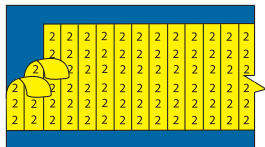
Cat. No.	Legend	Markers per Card	
		1-1/2 in. (38 mm)	3/4 in. (19 mm)*
WC00S	00	36	72
WC01S, WC02S thru WC09S	0, 02–09		
WC0009S	00–09	30	60

Catalogue No. WC0009S has three sequences of 00...09 on a card. WC0009D has six sequences of 00...09 on a card. Order in multiples of 25 cards. *When 3/4 in. length markers are required, substitute the last S in the catalogue number with a D, i.e. WC00S would become WC00D.

Suffix Numbers

- Blue, green and red markers have white legends; orange and yellow markers have black legends

Cat. No.	Legend	Background Colour	Markers per Card	
			1-1/2 in. (38 mm)	3/4 in. (19 mm)*
WCBLZER0S	0	Blue		
WCBL1S...WCBL50S	1...50			
WCGRZER0S	0	Green		
WCGR1S...WCGR50S	1...50			
WCORZER0S	0	Orange	36	72
WCOR1S...WCOR50S	1...50			
WCRDZER0S	0	Red		
WCRD1S...WCRD50S	1...50			
WCYLZER0S	0	Yellow		
WCYL1S...WCYL50S	1...50			

Order in multiples of 25 cards. *When 3/4 in. length markers are required, substitute the last S in the catalogue number with a D, i.e. WCBLZER0S would become WCBLZER0D.

Numbers in Sequence on a Coloured Background

Cat. No.	Legend	Markers per Card	
		1-1/2 in. (38 mm)	3/4 in. (19 mm)*
On Black, White Characters			
WCBK1 thru 33S	1–33		
WCBK34 thru 66S	34–66	33	66
WCBK67 thru 99S	67–99		
WCBK100 thru 124S	100–124	25	50
On Blue, White Characters			
WCBL1 thru 33S	1–33		
WCBL34 thru 66S	34–66	33	66
WCBL67 thru 99S	67–99		
WCBL100 thru 124S	100–124	25	50
On Brown, White Characters			
WCBR1 thru 33S	1–33		
WCBR34 thru 66S	34–66	33	66
WCBR67 thru 99S	67–99		
WCBR100 thru 124S	100–124	25	50
On Green, White Characters			
WCGR1 thru 33S	1–33		
WCGR34 thru 66S	34–66	33	66
WCGR67 thru 99S	67–99		
WCGR100 thru 124S	100–124	25	50
On Red, White Characters			
WCRD1 thru 33S	1–33		
WCRD34 thru 66S	34–66	33	66
WCRD67 thru 99S	67–99		
WCRD100 thru 124S	100–124	25	50
On Orange, Black Characters			
WCOR1 thru 33S	1–33		
WCOR34 thru 66S	34–66	33	66
WCOR67 thru 99S	67–99		
WCOR100 thru 124S	100–124	25	50
On Yellow, Black Characters			
WCYL1 thru 33S	1–33		
WCYL34 thru 66S	34–66	33	66
WCYL67 thru 99S	67–99		
WCYL100 thru 124S	100–124	25	50

Order in multiples of 25 cards.
*When 3/4 in. length markers are required, substitute the last S in the catalogue number with a D, i.e. WCBK1 thru 33S would become WCBK1 thru 33D.

Wire Marker Cards – Vinyl Cloth

Solid Letters

Cat. No.	Legend	Markers per Card	
		1-1/2 in. (38 mm)	3/4 in. (19 mm)*
WCAS	A		
WCBS...WCZS	B...Z	36	72
WCLAS	a		
WCLBS...WCLZS	b...z		

Order in multiples of 25 cards. *When 3/4 in. length markers are required, substitute the last S in the catalogue number with a D, i.e. WCAS would become WCAD.

Letters in Sequence

Cat. No.	Legend	Markers per Card	
		1-1/2 in. (38 mm)	3/4 in. (19 mm)*
WCAZAJS	A thru Z plus A thru J		72
WCAZ09S	A thru Z plus 0 thru 9	36	
WCLAZAJS	a thru z plus a thru j		2

Order in multiples of 25 cards. *When 3/4 in. length markers are required, substitute the last S in the catalogue number with a D, i.e. WCAS would become WCAD.

Letters in Sequence on a Coloured Background
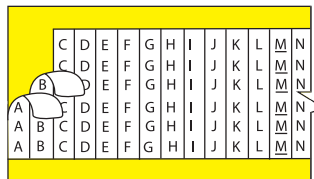
Cat. No.	Legend A–Z and A–J	Markers per Card	
		1-1/2 in. (38 mm)	3/4 in. (19 mm)*
WCBKA-ZS	Black (White legend)		
WCBLA-ZS	Dark Blue (White legend)		
WCBRA-ZS	Brown (White legend)		
WCGRA-ZS	Dark Green (White legend)	36	72
WCRDA-ZS	Red (White legend)		
WCORA-ZS	Orange (Black legend)		
WCYLA-ZS	Yellow (Black legend)		

Order in multiples of 25 cards. *When 3/4 in. length markers are required, substitute the last S in the catalogue number with a D, i.e. WCAS would become WCAD.

Solid Letters and Numbers
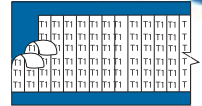
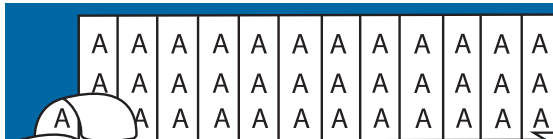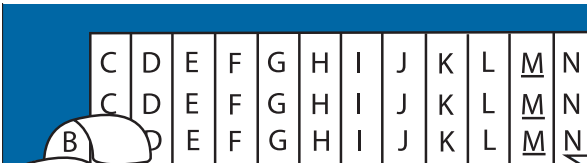| Cat. No.	Legend	Markers per Card	
		1-1/2 in. (38 mm)	3/4 in. (19 mm)*
WCA1S...WCA5S	A...A5		
WCB1S...WCB5S	B1...B5		
WCC1S...WCC5S	C1...C5		
WCD1S...WCD5S	D1...D5		
WCE1S...WCE5S	E1...E5		
WCF1S...WCF4S	F1...F4		
WCG1S...WCG4S	G1...G4		
WCH1S...WCH5S	H1...H5		
WCJ1S...WCJ4S	J1...J4		
WCK1S...WCK4S	K1...K4		
WCL1S...WCL5S	L1...L5		
WCM1S...WCM5S	M1...M5	36	72
WCP1S...WCP4S	P1...P4		
WCR1S...WCR5S	R1...R5		
WCS1S...WCS5S	S1...S5		
WCT0S...WCT9S	T0...T9		
WCT10S...WCT15S	T10...T15		
WCU1S...WCU2S	U1...U2		
WCV1S...WCV2S	V1...V2		
WCW1S...WCW2S	W1...W2		
WCX1S...WCX4S	X1...X4		
WCY1S...WCY4S	Y1...Y4		
WCZ1S...WCZ4S	Z1...Z4		

Order in multiples of 25 cards.
*When 3/4 in. length markers are required, substitute the last S in the catalogue number with a D, i.e. WC3VS would become WC3VD.
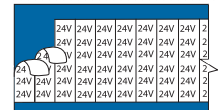
Voltage Markers

Cat. No.	Legend	Markers per Card	
		1-1/2 in. (38 mm)	3/4 in. (19 mm)*
WC3VS	3V	36	72
WC6VS	6V		
WC12VS	12V	25	50
WC24VS	24V		
WC110VS	110V		
WC115VS	115V		
WC120VS	120V		
WC125VS	125V		
WC180VS	180V		
WC220VS	220V		
WC230VS	230V	22	44
WC240VS	240V		
WC270VS	270V		
WC280VS	280V		
WC440VS	440V		
WC460VS	460V		
WC480VS	480V		

Order in multiples of 25 cards.
*When 3/4 in. length markers are required, substitute the last S in the catalogue number with a D, i.e. WC3VS would become WC3VD.

Wire Marker Cards – Vinyl Cloth
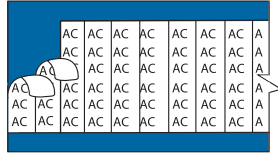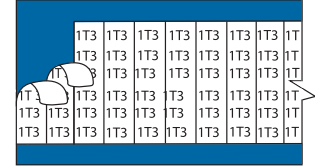
Solid — Miscellaneous Electrical Symbols

Cat. No.	Legend	Markers per Card	
		1-1/2 in. (38 mm)	3/4 in. (19 mm)*
WCPLSS	+	36	72
WCMINS	-		
WCAPLSS	A±	25	50
WCAMINS	A-		
WCBPLSS	B+		
WCBMINS	B-		
WCPOSS	POS		
WCNEGS	NEG		
WCPHS	Phase	18	36
WCPHAS	Phase A		
WCPHBS	Phase B		
WCPHCS	Phase C		
WC1PHS	1 Phase		
WC2PHS	2 Phase		
WC3PHS	3 Phase		
WCINS	IN	36	72
WCOUTS	OUT	25	50
WCHOTS	HOT		
WCGRDS	GRD		
WCNEUTS	NEUT	22	44
WCLINES	LINE		
WCLPLS	L+	25	50
WCLMIS	L-		
WCLOADS	LOAD	22	44
WCPUS	PU	36	72
WCGRCS	GRC		
WCGENS	GEN	25	50
WCACS	AC	36	72

Cat. No.	Legend	Markers per Card	
		1-1/2 in. (38 mm)	3/4 in. (19 mm)*
WCDCS	DC	36	72
WCCOMS	COMM	25	50
WCBATS	BAT		
WCBBS	BB	36	72
WCCBS	CB		
WCCTS	CT		
WCIGNS	IGN	25	50
WCSIGS	SIG		
WCSECS	SEC		
WCPSS	PS	36	72
WCPRIS	PRI	25	50
WCPLS	PL	36	72
WCTBS	TB		
WCSSS	SS		
WCSPARES	SPARE	18	36
WCCYSS	~	36	72
WCGRSS	GRS		
WCPES	PE		
WCPENS	PEN	25	50
WC1US	1U	36	72
WC2US	2U		
WC1VS	1V		
WC2VS	2V		
WC1WS	1W		
WC2WS	2W		

Order in multiples of 25 cards.
*When 3/4 in. length markers are required, substitute the last S in the catalogue number with a D, i.e. WCPLSS would become WCPLSD.

Solid Machine Tool Markers

Cat. No.	Legend	Markers per Card	
		1-1/2 in. (38 mm)	3/4 in. (19 mm)*
WC1L1S	1L1	25	50
WC1L2S	1L2		
WC1L3S	1L3		
WC2L1S	2L1		
WC2L2S	2L2		
WC2L3S...WC6L1S	2L3...6L1		
WC6L2S	6L2		
WC6L3S	6L3		
WC1T1S	1T1		
WC1T2S	1T2		
WC1T3S	1T3		
WC2T1S	2T1		
WC2T2S	2T2		
WC2T3S...WC7T1S	2T3...7T1		
WC7T2S	7T2		
WC7T3S	7T3		
WCLL1S	LL1		
WCLL2S	LL2		
WCLL3S	LL3		

Order in multiples of 25 cards.
*When 3/4 in. length markers are required, substitute the last S in the catalogue number with a D, i.e. WC1L1S would become WC1L1D.

Machine Tool Markers in Sequence
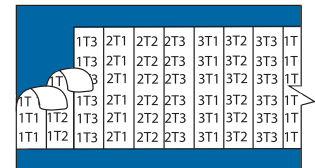
Cat. No.	Legend	Markers per Card	
		1-1/2 in. (38 mm)	3/4 in. (19 mm)*
WC1T1-3T3S	1T1, 1T2, 1T3 2T1, 2T2, 2T3 3T1, 3T2, 3T3	27	54
WC4T1-6T3S	4T1, 4T2, 4T3 5T1, 5T2, 5T3 6T1, 6T2, 6T3		
WC7T1-9T3S	7T1, 7T2, 7T3 8T1, 8T2, 8T3 9T1, 9T2, 9T3		
WCLL1-LL3S	LL1, LL2, LL3		
WCA1-S2S	A1, A2, F1 F2, S1, S2	36	72

Order in multiples of 25 cards.
*When 3/4 in. length markers are required, substitute the last S in the catalogue number with a D, i.e. WC1T1-3T3S would become WC1T1-3T3D.

Wire Marker Cards – Vinyl Cloth

Mini Markers are used to identify smaller items such as terminal blocks and small wires

Terminal Block — Mini Markers
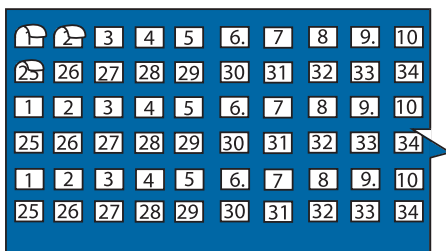
Cat. No.	Legend	Markers per Card Marker Size 5/16 in. x 3/16 in.
WC1 thru 48TM	1, 2 thru 48	
WC49 thru 96TM	49, 50 thru 96	144
WCA thru ZTM	A, B thru Z	

Order in multiples of 25 cards.
A thru Z legend does not include "I" or "O".

Solid Numbers and Solid Letters — Mini Markers
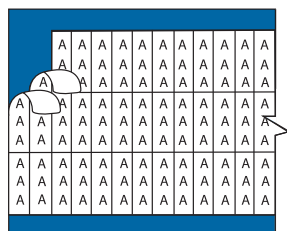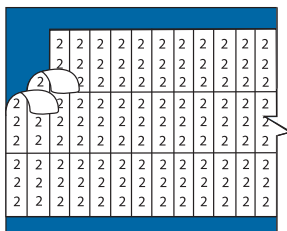
Cat. No.	Legend	Markers per Card 1/2 in. (13 mm)
Solid Numbers		
WCZERO0MIN...WC99MIN	0, 1, ...99	150
WC100MIN...WC250MIN	100, 101...250	99
Solid Letters		
WCAMIN	A	150
WCBMIN...WCZMIN	B, C...Z	150

Order in multiples of 25 cards.

Numbers in Sequence — Mini Markers
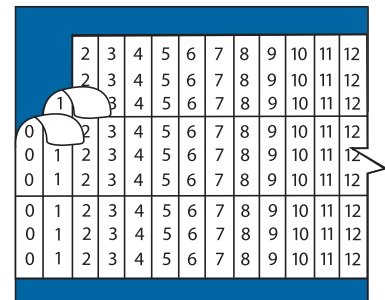
Cat. No.	Legend	Markers per Card 1/2 in. (13 mm)
WC0 thru 49MIN	0, 1...49	150
WC50 thru 99MIN	50, 51...99	150
WC100 thru 132MIN	100, 101...132	
WC133 thru 165MIN	133, 134...495	99
WC463 thru 495MIN		99

Order in multiples of 25 cards.
Quantity of each number per card: 3.

Letters in Sequence — Mini Markers
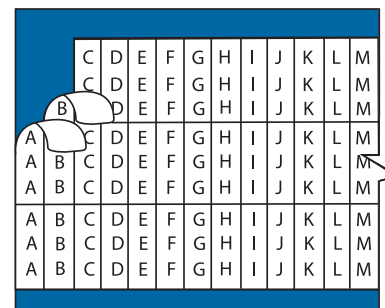
Cat. No.	Legend	Markers per Card 1/2 in. (13 mm)
WCAZMIN	A, B...Z	156

Order in multiples of 25 cards.

Wire Marker Cards – Vinyl Cloth

Cable markers are used to identify large conductors, electrical cables and tubing for hydraulic systems!

Solid Numbers and Solid Letters — Cable Markers
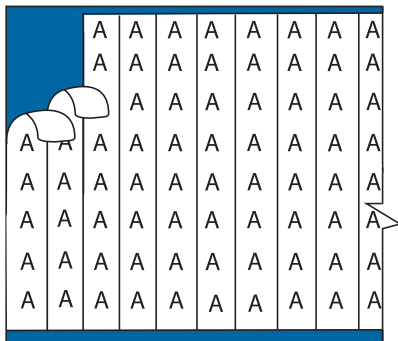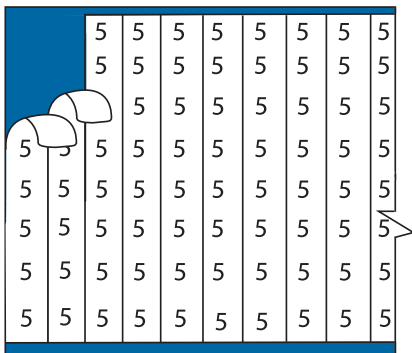
Cat. No.	Legend	Markers per Card	
		3-1/2 in. (89 mm)	1-3/4 in. (45 mm)*
Solid Letters			
WCCMAS	A		
WCCMBS	B		
WCCMCS	C		
WCCMDS	D	18	36
WCCMES	E		
WCCMFS	F		
WCCMNS	N		
Solid Numbers			
WCCM0S	0		
WCCM1S, WCCM2S...WCCM9S	1, 2...9	18	36

Order in multiples of 25 cards.
*When 1-3/4 in. length markers are required, substitute the last S in the catalogue number with a D, i.e. WCCMAS would become WCCMAD.

Numbers or Letters in Sequence — Cable Markers
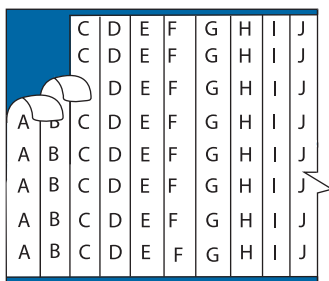
Cat. No.	Legend	Markers per Card	
		3-1/2 in. (89 mm)	1-3/4 in. (45 mm)*
WCCM01-09S	01 thru 09	2	4
WCCM1-9S	1 thru 9		
WCCM1-18S	1 thru 18		
WCCM19-36S	19 thru 36		
WCCM37-54S	37 thru 54	1	2
WCCM55-72S	55 thru 72		
WCCM73-90S	73 thru 90		
WCCM91-99S	91 thru 99		
WCCMA-IS	A thru I		
WCCMJ-RS	J thru R	2	4
WCCMS-ZS	S thru Z		

Order in multiples of 25 cards.
*When 1-3/4 in. length markers are required, substitute the last S in the catalogue number with a D, i.e. WCCM01-09S would become WCCM01-09D.

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Wire Marker Cards – Vinyl Cloth

Maintenance and Production Label Cards

Cat. No.	Wording	White on Coloured Background	Labels per Card	Label Size W x L (in.)
WCMP5	Accepted	Green		
WCMP1	Calibrated	Black		
WCMP26	Calibration	Green		
WCMP2	Certification	Black	14	1-1/2 x 5/8
WCMP18	Due For Inspection	Orange		
WCMP4	Rejected	Red		
WCMP25	Tested	Green		
WCMP75	Calibration	Green	9	2-3/4 x 1

Order in multiples of 25 cards.
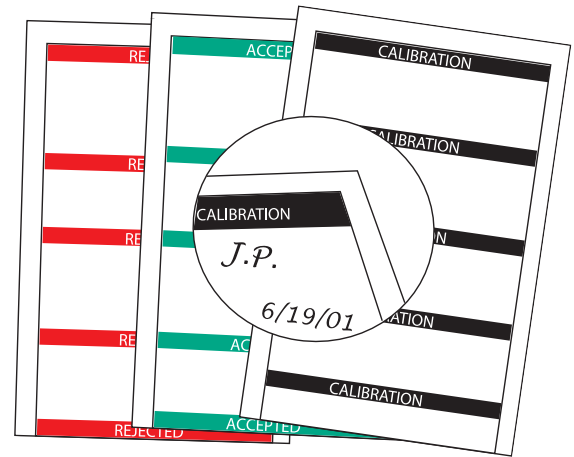
Blank Write-On Markers
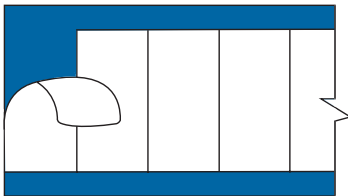
Cat. No.	Marker Size (in.)	Markers per Card
WCBW14X34D	1/4 x 3/4	72
WCBW14X112S	1/4 x 1-1/2	36
WCBW1132X112S	1-1/32 x 1-1/2	26
WCBW12X12D	1/2 x 1/2	54
WCBW12X112S	1/2 x 1-1/2	18
WCBW58X112S	5/8 x 1-1/2	14
WCBW34X12D	3/4 x 1/2	36
WCBW34X214S	3/4 x 2-1/2	12
WCBW1X112S	1 x 1-1/2	9
WCBW112X112S	1-1/2 x 1-1/2	6

Order in multiples of 25 cards.

Solid NEMA Colour Markers
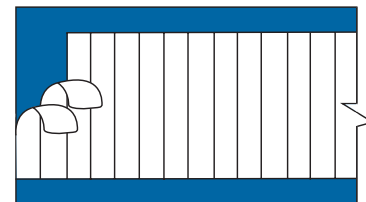
| Cat. No.	Colour	Markers per Legend	
		1-1/2 in. (38 mm)	3/4 in. (19 mm)*
WCBLKS	Black		
WCBLDS	Blue — Dark		
WCBLLS	Blue — Light		
WCBRNS	Brown		
WCGRYS	Grey		
WCDGRS	Green — Dark		
WCGRLS	Green — Light		
WCMARS	Maroon		
WCOLIS	Olive	36	72
WCORAS	Orange		
WCPINS	Pink		
WCPURS	Purple		
WCREDS	Red		
WCTANS	Tan		
WCWHIS	White		
WCYELS	Yellow		

Order in multiples of 25 cards.
*When 3/4 in. length markers are required, substitute the last S in the catalogue number with a D, i.e. WCBLKS would become WCBLKD.

Wire Marker Cards – Vinyl Self-Laminating

Write-On Cable Markers

Transparent extension « A »

Height

Write-on area Write-on area Write-on area
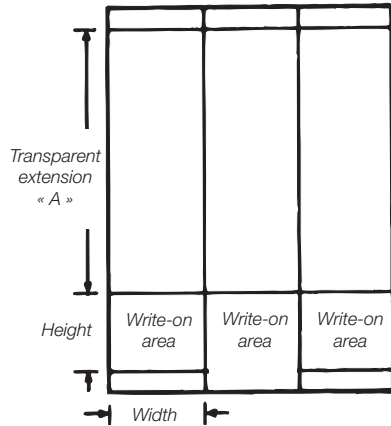
Width

Cat. No.	Overall Marker Size (in.)	Width Height Write-On Area (in.)	Markers per Card
WSLM33	1 x 2-3/4	1 x 3/4	3
WSLM35	1 x 5	1 x 1	
WSLM123	1-1/2 x 3	1-1/2 x 3/4	
WSLM23	2 x 3	2 x 3/4	
WSLM125	1-1/2 x 5	1-1/2 x 1	
WSLM25	2 x 5	2 x 1	2
WSLM48	2 x 8	2 x 3-3/4	
WSLM95	2-1/4 x 5	2-1/2 x 2-1/4	
WSLM410	2 x 10	2 x 4-1/2	
WSLM415	2 x 15	2 x 7	

Blank Write-On Markers
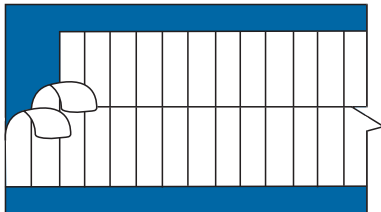
Cat. No.	Write on Area (WxD) (in.)	Markers per Card 1-1/2 in. (38 mm)
WSBW14x112S	1/4 x 1-1/2	36
WSBW38x112S	3/8 x 1-1/2	26
WSBW12x112S	1/2 x 1-1/2	18
WSBW34x112S	3/4 x 1-1/2	12
WSBW1x112S	1 x 1-1/2	9
WSBW112x112S	1-1/2 x 1-1/2	6

Solid Letters
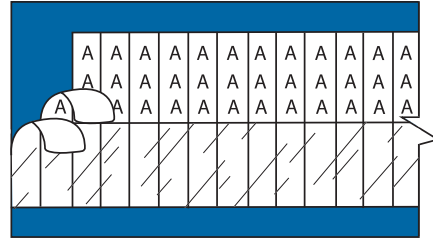
Cat. No.	Legend	Markers per Card	
		1-1/2 in. (38 mm)	3/4 in. (19 mm)*
WSAS	A	36	72
WSBS...WSZS	B, C...Z		

Order in multiples of 25 cards.
*When 3/4 in. length markers are required, substitute the last S in the catalogue number with a D, i.e. WSAS would become WSAD.

Solid Numbers
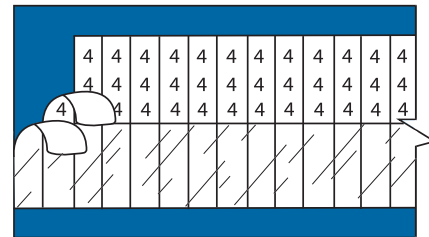
Cat. No.	Legend	Markers per Card	
		1-1/2 in. (38 mm)	3/4 in. (19 mm)*
WSZEROS	0	36	72
WS1S...WS99S	1, 2...99		
WS100S	100	25	50
WS101S...WS600S	101, 102...600		–

Order in multiples of 25 cards.
*When 3/4 in. length markers are required, substitute the last S in the catalogue number with a D, i.e. WSZEROS would become WSZEROD.

Wire Marker Dispenser
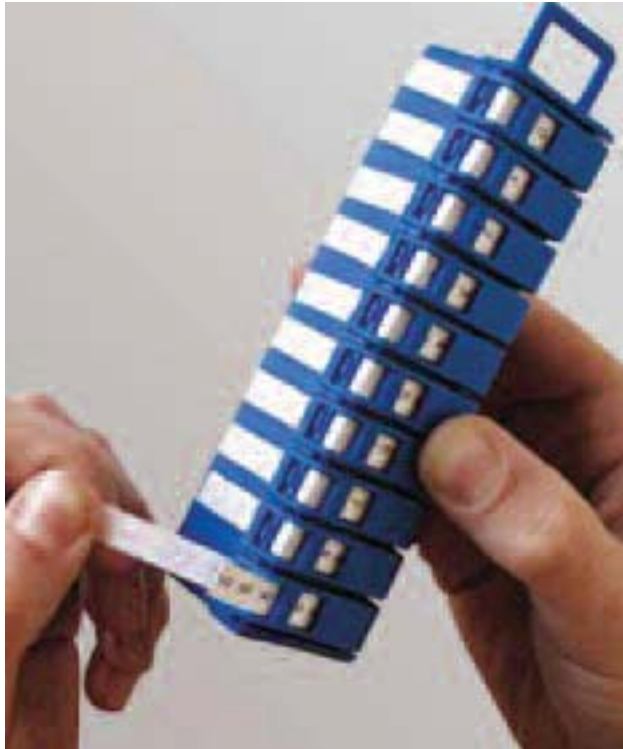
- Compact size fits in your pocket or hangs from work belt
- Unique design enables easy access to all legends during use or when refilling
- Holds 760 markers - 10 rolls of 76 markers each
- Markers are pre-cut, 1-1/4 in.- long, oil-and water resistant polyester with acrylic adhesive
- Lifetime guarantee on dispenser

Polyester Tape Refills for Dispenser

Cat. No.	Legend	Label Colour	Rolls Per Legend
WDFPR-0	0	White	10
WDFPR-1...WDFPR-9	1, 2...9		
WDFPR-0-9	0...9		1
WDFPR-10-19	10...19		
WDFPR-A...WDFPR-Z	A, B,...Z		10
WDFPR-L1	L1		
WDFPR-L2	L2		
WDFPR-L3	L3		
WDFPR-T1	T1		
WDFPR-T2	T2		
WDFPR-T3	T3		
WDFPR-MIN	-		
WDFPR-PLS	+		
WDFPR-YEL		Yellow	
WDFPR-WHT		White	
WDFPR-BLK		Black	
WDFPR-BRN	BLANK	Brown	
WDFPR-BLU		Blue	
WDFPR-GRN		Green	
WDFPR-RED		Red	
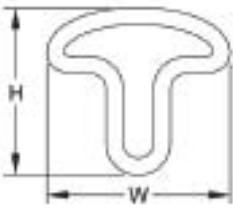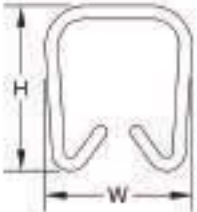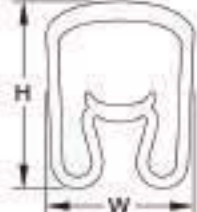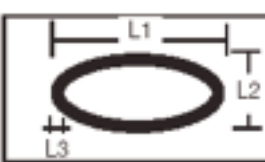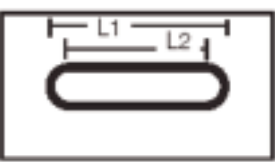
Dispenser

Cat. No.	Description	Std. Pkg. Qty.
WDFP-0-9	Loaded Dispenser with Legends 0 through 9	1
WDFP-NEMA	Loaded Dispenser with 10 NEMA Colours	1
WDFP	Empty Dispenser	1

Vinyl Sleeve Markers

Sleeve Markers Features at a Glance

	SMY Series	SMC Series	SMS/SMD/SMR and SML Series	SMO Series	SMK Series
Shape					
For more information, see	P. E17	P. E17	P. E17, E18	P. E19	P. E19
Style	Closed Y-shape	Open clip-on	Closed spring-action	Closed oval	Closed slotted
Application	Install on wires before connection	Install on wires before or after connection	Install on wires before connection	Install on wires before connection or on holders	Install on holders*
Wire Size Range	23-20 AWG	18-6 AWG	22-5 AWG	10-6 AWG for direct install: any size with holder*	Any size with holder*
Marker Size	0.130 in. H x 0.138 in. W	0.142 in. H x 0.146 in. W to 0.264 in. H x 0.272 in. W	0.142 in. H x 0.138 in. W to 0.650 in. H x 0.433 in. W	L1 = 11.3 mm L2 = 4.3 mm L3 = 0.75 mm	L1 = 11.3 mm L2 = 10 mm
Packaging	Reel	Strips	Strips, disc or reel Loose bag	Discs	Bags

* Holder fastens with cable ties around cable or pipe.

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Vinyl Sleeve Markers

| S | M | S | 1 | 1 | 8 | - | 4 | - | 1 |

Series	Size	Marker Colour	Character
		Yellow = Code 4 White = Code 9	A–Z, 0–9 Symbols: – = EQ, + = PL, - = DH, . = DT, / = SH, : = CO Ground sign = GRD , = CM

| S | M | S | 1 | 1 | 8 | - | N | - | 4 |

Series	Size	Blank	Marker Colour
			Yellow = Code 4 White = Code 9
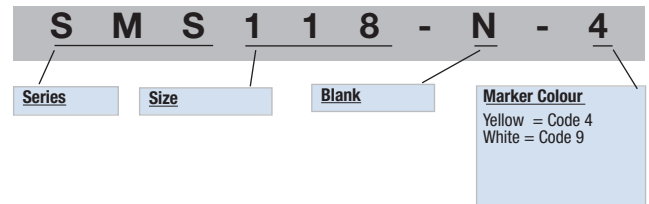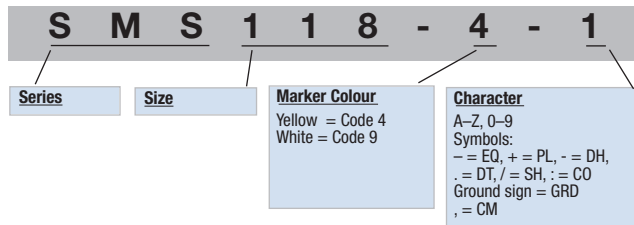
SMY Sleeve Markers

3.3 mm

3.5 mm
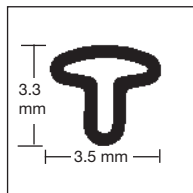
Closed combination marker. A special Y-shaped profile covers a wide diameter range of small wires. The large print surface of the marker enables excellent readability at normal reading distances.

Cat. No.	Colour	Recommended wire diameter (in.)	AWG	Std. Pkg.
SMY079-4-*	Yellow	0.039 – 0.079	23–20	1001 = Reel/1000
SMY079-9-*	White			

*Replace with character required.

SMS Sleeve Markers

H

B
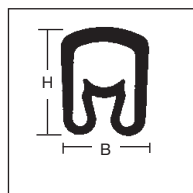
Closed combination marker, permanent grip and adjustable marking sleeve for as yet unconnected wires. Unique profile with spring-action bellows covers a wide diameter range. Twist-protection for secure combination marking.

Type Designation	Height (H) (in.)	Width (B) (in.)	Text Height (in.)
SMS118	3.6	3.5	2.6
SMS196	5.5	4.2	
SMS394	9.5	6.6	4.0
SMS630	16.5	11.0	

Cat. No.	Colour	Recommended wire diameter (in.)	AWG	Std. Pkg.
SMS118-4-*	Yellow	0.051 – 0.118	22-16	1 = BAG/250 10 Strips of 25 Markers
SMS118-9-*	White			
SMS196-4-*	Yellow	0.059 – 0.197	16-10	
SMS196-9-*	White			
SMS394-4-*	Yellow	0.157 – 0.394	13-4	
SMS394-9-*	White			
SMS630-4-*	Yellow	0.315 – 0.630	5	1 = BAG/20
SMS630-9-*	White			

*Replace with character required.

SML Sleeve Markers - 200 in a Bag

Cat. No.	Colour	Recommended wire diameter (in.)	AWG	Std. Pkg.
SML118-4-*	Yellow	0.051 - 0.118	22-16	Loose Bag 1200
SML196-4-*	Yellow	0.059 - 0.197	16-10	

Vinyl Sleeve Markers

S M S 1 1 8 - 4 - 1

Series	Size	Marker Colour	Character
		Yellow = Code 4 White = Code 9	A–Z, 0–9 Symbols: – = EQ, + = PL, - = DH, . = DT, / = SH, : = CO Ground sign = GRD , = CM

S M S 1 1 8 - N - 4

Series	Size	Blank	Marker Colour
			Yellow = Code 4 White = Code 9
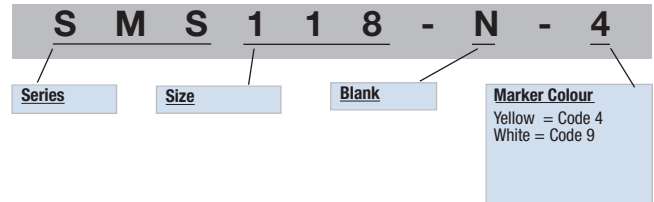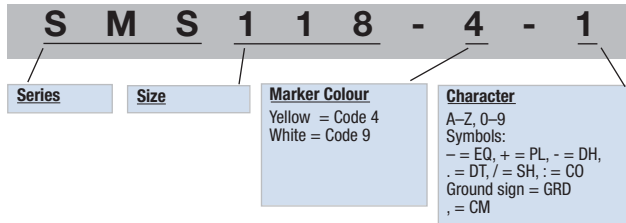
SMD Sleeve Markers – Markers on a Compact Disc

Cat. No.	Colour	Recommended wire diameter (in.)	AWG	Std. Pkg.
SMD118-4-*	Yellow	0.051 – 0.118	22–16	1 = Compact Disc/500
SMD118-9-*	White			
SMD196-4-*	Yellow	0.059 – 0.197	16–10	
SMD196-9-*	White			
SMD394-4-*	Yellow	0.157 – 0.394	13-4	1 = Compact Disc/250
SMD394-9-*	White			
SMDP394-9-*	White	Recommended for use with RG6 & RG59 coaxial cable	12–4	1 = Compact Disc/250

*Replace with character required.

SMR Sleeve Markers – 1000 Continuous Markers on a Reel

Cat. No.	Colour	Recommended wire diameter (in.)	AWG	Std. Pkg.
SMR118-4-*	Yellow	0.051 – 0.118	22–16	1 = Reel / 1000
SMR118-9-*	White			
SMR196-4-*	Yellow	0.059 – 0.197	16–10	
SMR196-9-*	White			

*Replace with character required.

SMC Sleeve Markers – Clip-On Markers

Open marker sleeve for already connected wires. Securely positioned with help of barbs. Fast snap installation.
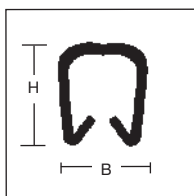
Type Designation	Height (H) mm	Width (B) mm	Text Height mm
SMC118	3.6	3.7	2.6
SMC157	4.2	4.5	
SMC197	5.5	5.7	4.0
SMC244	6.7	6.9	

Cat. No.	Colour	Recommended wire diameter (in.)	AWG	Std. Pkg.
SMC118-4-*	Yellow	0.094 – 0.118	18–16	1 = BAG/200 (10 strips x 20 pcs)
SMC118-9-*	White			
SMC157-4-*	Yellow	0.118 – 0.157	16–14	
SMC157-9-*	White			
SMC197-4-*	Yellow	0.157 – 0.197	12–10	
SMC197-9-*	White			
SMC244-4-*	Yellow	0.197 – 0.244	8–6	
SMC244-9-*	White			

*Replace with character required.

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Vinyl Sleeve Markers

| S | M | S | 1 | 1 | 8 | - | 4 | - | 1 |

Series | **Size** | **Marker Colour** | **Character**

Marker Colour
Yellow = Code 4
White = Code 9

Character
A–Z, 0–9
Symbols:
− = EQ, + = PL, - = DH,
. = DT, / = SH, : = CO
Ground sign = GRD
, = CM

| S | M | S | 1 | 1 | 8 | - | N | - | 4 |

Series | **Size** | **Blank** | **Marker Colour**

Marker Colour
Yellow = Code 4
White = Code 9
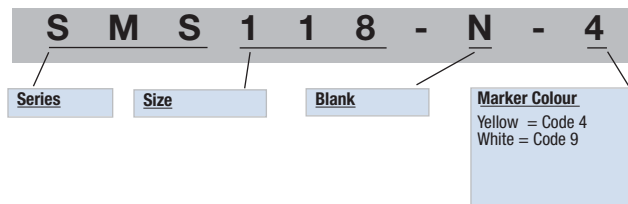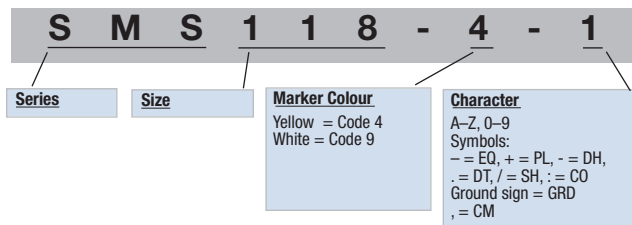
SMO and SMK Sleeve Markers –
500 Markers on a Compact Disc and Bag of 100
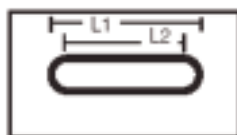
SMO TYPE

SMK TYPE

The SMK type is a combination marker for cable and pipe marking. Installed quickly onto SMKH or SMOH holder which is fastened with cable ties around the cable. Made of cadmium and silicone free rigid PVC. **SMO type can also be used with SMKH or SMOH holders or directly on cable.**

Cat. No.	Colour	Recommended wire diameter (in.)	Holders	AWG	Std. Pkg.
SMO256-4-*	Yellow	0.147 – 0.256	Use with holders SMKH or SMOH	10–6	1 = Compact Disc/500
SMO256-9-*	White	0.197 – 0.256			
SMK244-4*	Yellow	–		–	1 = BAG/100
SMK244-9-*	White	–			

*Replace with character required.

Cat. No.	Colour	Holds a max. of		Std. Pkg.
		SMO	SMK	
SMOH07-0	Black	7	8	1 = Bag/100 Holders
SMOH12-0		12	13	
SMOH18-0		18	19	
SMOH30-0		30	31	
SMKH10-0		10	10	
SMKH20-0*		20	20	

*Made of Polyamide 6/6 resistant to organic solvents with limited resistance against acids and alkalis.
Recommended Ty-Rap® cable tie is TY524MX. Other colours available. Consult your Regional Sales Office.

Type Designation	Dia. Range in.	Dimensions in mm (nominal)		
		L1 mm	L2 mm	L3 mm
SMO	0.197–0.256	11.3	4.3	0.75
SMK	–		10.0	–

APPLICATION

SMOH

SMKH
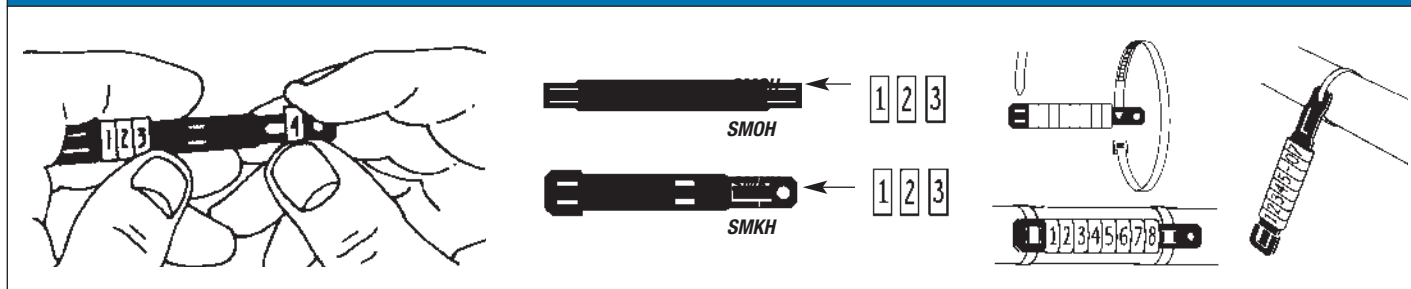
Stainless Steel Sleeve Markers

Letters, numbers, and symbols — create easy-to-use custom identifications!

- Slip tags over carriers or strips (below) and attach to your cable or hose with a variety of Thomas & Betts Stainless Steel Cable Ties

Cat. No.	Description	Length (in./mm)	Width (in./mm)	Wt. Per 100	Pkg.
Stainless Steel I.D. Tag					
ER010	A				
ER011	B				
ER012	C				
ER013	D				
ER014	E				
ER015	F				
ER016	G				
ER017	H				
ER018	I / 1				
ER019	J				
ER020	K				
ER021	L / 7				
ER022	M / W				
ER023	N				
ER024	0 / O				
ER025	P				
ER026	Q				
ER027	R				
ER028	S				
ER029	T				
ER030	U	0.45/2.00	0.38/9.65	0.31	100
ER031	V				
ER032	W				
ER033	Y				
ER034	Z				
ER018	1 / I				
ER037	2				
ER038	3				
ER039	4				
ER040	5				
ER041	6				
ER021	7 / L				
ER042	8				
ER041	9				
ER024	0 / O				
ER035	Minus/Hyphen (-)				
ER036	Blank ( )				
ER046	Plus (+)				
ER047	Earth ( )				
ER048	Sine (~)				
ER049	Slash (/)				

Character size: .218" Material: .025" 316 stainless steel.

- I.D. Tag Kit contains 50 of each letter, number, symbol, carrier, and strip in a handy carrying case

Cat. No.	Description	Length (in./mm)	Width (in./mm)	Wt. Per 100	Pkg.
S.S. I.D. Tag Strips/Carriers					
ER043	6-Character Carrier	3.64/92.46		0.73	
ER044	10-Character Carrier	5.14/130.56		1.25	
ER045	16-Character Carrier	7.39/187.71	0.38/9.65	1.47	100
ER050	Short Strip	4.25/107.95		0.98	
ER051	Medium Strip	5.75/146.05		1.33	
ER052	Long Strip	8.00/203.20		1.85	
ER060	I.D. Tag Kit	–	–	–	1

Easy Read Kit ER060

EASY "A" ER010	EASY "B" ER011	EASY "C" ER012	EASY "D" ER013	EASY "E" ER014	EASY "F" ER015	EASY "G" ER016	EASY "H" ER017	EASY "I" ER018	EASY "J" ER019	EASY "K" ER020
EASY "L" ER021	EASY "M" ER022	EASY "N" ER023	EASY "O" ER024	EASY "P" ER025	EASY "Q" ER026	EASY "R" ER027	EASY "S" ER028	EASY "T" ER029	EASY "U" ER030	EASY "V" ER031
EASY "W" ER022	EASY "X" ER032	EASY "Y" ER033	EASY "Z" ER034	EASY "-" ER035	EASY "BLANK" ER036	EASY "+" ER046	EASY "-" ER035	EASY "⊥" ER047	EASY "~" ER048	EASY "/" ER049
EASY "1" ER018	EASY "2" ER037	EASY "3" ER038	EASY "4" ER039	EASY "5" ER040	EASY "6" ER041	EASY "7" ER021	EASY "8" ER042	EASY "9" ER041	EASY "0" ER024	

EASY CARRIER 16 **ER045**	EASY CARRIER 10 **ER044**	EASY CARRIER 16 **ER043**
EASY STRIP LONG **ER052**	EASY STRIP MEDIUM **ER051**	EASY STRIP SHORT **ER050**

I.D. Tag Kit contains 50 of each letter, number, symbol, carrier, and strip in a handy carrying case.

I.D. Tagging System

Cat. No.	Designation	Max. No. of Single Character Markers	Quantity Per Pack	Length (L)	Width (W)	Slot Width (SW)
SSM*	SINGLE-CHARCTER MARKER	–	50 (5x10) PCS	5.5	10.9	4.8
PKS10040FQ ◊	47 MM CARRIER STRIP	6	5.5	47.0	10.3	4.8
PKS10060FQ ◊	65 MM CARRIER STRIP	9	5.5	65.0	10.3	4.8
PKS10080FQ ◊	87 MM CARRIER STRIP	13	5.5	87.0	10.3	4.8
PKS10100FQ ◊	107 MM CARRIER STRIP	17	5.5	109.0	10.3	4.8
PKS10120FQ ◊	128 MM CARRIER STRIP	20	5.5	128.0	10.3	4.8

◊ = (S= RAISED BRIDGES), (H= HOLES)   * = CHARACTERS

NOTE: PKS10040-PKS10120 not stamped with text can be used as carrier strips for single-character markers. The carrier strips can also be pre-stamped and combined with single character markers.
Customized markers are mounted on tape.
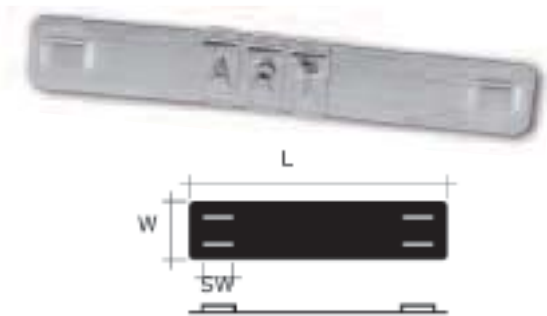
CARRIER STRIP FOR SINGLE-CHARACTER MARKERS OR READY-MARKED MULTI-CHARACTER MARKING.

SINGLE-CHARACTER MARKERS.

Identify your cable bundles with permanent, Type 304 stainless steel imprinted tags applied with stainless steel cable ties

- After imprinting tags, simply slip a tie through slots in the tag and fasten with a cable tie installation tool
- Tie down with 1⁄4 in. wide ties
- Type 304 Stainless Steel

Cat. No.	Width		Length	
	In.	mm	In.	mm
SSID100	0.75	19.05	2.0	51
SSID101	1.50	38.10	2.5	63
SSID102	0.75	19.05	3.5	89

Packaging Quantity: 100/box .015 in. (.254mm) Thickness.
NOTE: Customized pre-embossed tags are available. Please consult Regional Sales Office for details. Add suffix (316) for 316 Stainless Steel.

I.D. Tagging System

Imprints Thomas & Betts stainless steel I.D. tags

I.D. Tag Imprinter

- Includes special tag holder that provides quick, accurate positioning of tag
- Comes with a 3⁄32 in. character imprinting wheel

Cat. No.	Description	Weight	
		lb.	kg
WTID200	I.D. Tag Imprinter	29.5	13.41
WTID290	3/32 in. character imprinting wheel	-	-
WTID281	1/8 in. character imprinting wheel	-	-
WTID283	3/16 in. character imprinting wheel	-	-
WTID300	I.D. Marking Kit	-	-
WTID204	(Kit) WTID200 and WTID283	-	-

Customized Stainless Steel Tape Embossing System

After making your tag, apply with stainless steel cable ties.

Cat. No.	Description	Weight	
		lb.	kg
WTID400	Hand-held tool for embossing S.S. I.D. Tape	2.57	1.17
WTID405	Replacement S.S. tape (21 ft. long, 1/2 in. wide)	0.18	0.01

304 Stainless Steel
Packaging Quantity: 1/box
Note: The embossing tool comes complete with two rolls of stainless steel tape.

Accessories

SMMK Installation Magazine for SMS Sleeves
Complete marking kit for marking on site

SMMK118 (196)

Cat. No.	Colour	Recommended wire diameter (in.)	AWG	Std. Pkg.
SMMK118-4	Yellow	0.051 – 0.118	22-16	1 = Bags of 20 Wands 20 Wands of 25 Markers 0–9, L, R, S, T, Neutral, Ground, Blue -, Red +, Grey Neutral
SMMK118-9	White	0.051 – 0.118	22-16	
SMMK196-4	Yellow	0.098–0.196	16–10	
SMMK196-9	White	0.098–0.196	16–10	

Consult your Regional Sales Office for other kit combinations.
Refill markers order SMS118 or SML096 Series, see page E17.
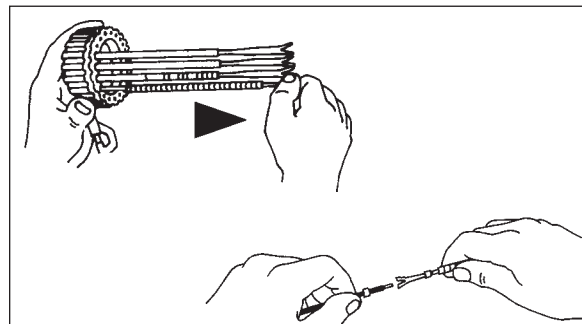
SMCB Sleeve Marker Compartment Case

Cat. No.	Contents	Marker Qty./ Compartment	Std. Marker Pkg. per Case
SMCB12-E	–	0/12	Empty case
SMCB12-118-4	SMS118 Series 22–16 AWG	1000 pcs/12	Yellow/Black = 0-9 Red/White = + Blue/White = -
SMCB12-118-9			White/Black = 0-9 Red/White = + Blue/White = -
SMCB18-E	–	0/18	Empty case
SMCB18-196-4	SMS196 Series 16–11 AWG	200 pcs/18	Yellow/Black = 0-9 Red/White = + Blue/White = -
SMCB18-196-9			White/Black = 0-9 Red/White = + Blue/White = - Yellow/Green = ⏚ White = neutral Grey = neutral White/Black = R,S,T

SMCB12 is a 12 compartment transparent case in Polystyrene.
SMCB18 is a 18 compartment with a transparent lid.

Accessories

SMS Sleeve Markers – Application Tool

Cat. No.	Material	Recom. wire dia. (in.)	AWG	Std. Pack.	Use With
SMAT118	Teflon Coated Stainless Steel	0.051 – 0.118	22–16	1 Tool	SMS118
SMAT196		0.098 – 0.196	16–10		SMS196
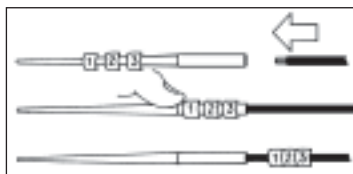
Magazine Dispenser – Feeds Left or Right

The magazine dispenses SMS sleeves, it has two identical lids, linked by a hinge on one side. The outer sides of the lids have grooves for storing SMS Series markers strips.

Material: Polystyrene

Cat. No.	Colour	AWG	Marker Type	Std. Pack.	Includes Tool
SMMDT118-E	–	–	–	–	SMAT118
SMMDT118-9-0-9	White	22–16	SMS118	1 = 20 strips of 25 Markers/dispenser 0–9	
SMMDT118-4-0-9	Yellow				
SMMDT196-E	–	–	–	–	SMAT196
SMMDT196-9-0-9	White	16–10	SMS196	1 = 20 strips of 25 Markers/dispenser 0–9	
SMMDT196-4-0-9	Yellow				

Refill markers order SMS118 or SML196 Series, see page E17.

Thomas&Betts

T&B Express

Multi-Character Marking (Customized Orders)

Multi-character markings allows you to order markers already printed with the combinations of characters required, in accordance with customers specifications, direct from T&B with a 5 to 10 day delivery for orders under 10,000 markers. The information is transferred via e-mail in an Excel format. Purchase order is matched with the Excel file and is sent to Customer Service. We even offer heat shrink markers. Value of customized marking order must be equal to or greater than $100.

Please consult your Regional Sales Offices for a Quote (Min. order required)

| S | M | S | 2 | 2 | - | 1 | 6 | T | 4 |

Series Type	AWG Range (Size)	Package Option	Characters per Marker*
SMS SMY SMC	i.e. 22–16	**T** = Unsorted **U** = Sorted (requires specifications) Others **D** = Text on two lines **S** = Large text **Q** = Punched	4 9 17 30
Standard colour for customized markers are yellow unless otherwise stated in customer's excel file.			

*To complete catalogue number, add maximum number of characters required.

SMY and SMS Series

SMY Series

SMS Series
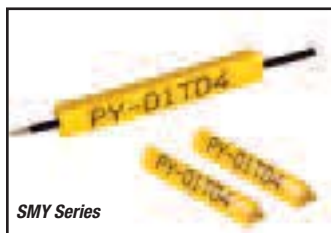
With unique patented grooves for easier mounting and flat top for excellent readability.

Cat. No.	AWG	Max. Number of Characters
SMY24-19T*	24-19	4, 9, 17
SMS22-16T*	22-16	
SMS18-14T*	18-14	
SMS16-11T*	16-11	
SMS13-5T*	13-5	4, 9, 17, 30
SMS5-T*		
SMS5-T*	5	
SMS5-T*		

* Replace asterisk by the number of characters desired.
SMS5 can be delivered with 1 or 2 line text.

SMC Series

SMC Series

Cat. No.	AWG	Max. Number of Characters
SMC22-16T*	22-16	
SMC16-12T*	16-12	
SMC12-11T*	12-11	4, 9, 17
SMC11-10T*	11-10	
SMC7-5T*	7-5	

* Replace asterisk by the number of characters desired.

T&B Express

Multi-Character Marking (Customized Orders)

Catalogue No. Construction		
Type	**Package Option**	**Characters per Marker***
SMK2	**T** = Unsorted **QT** = Punched unsorted	4 7 9 10 17 30
Standard colour for customized markers are yellow unless otherwise stated in customer's excel file.		

*To complete catalogue number, add maximum number of characters required.

SMK2T and SMK2Q Series

SMK2T Serie with SMOH holder

SMK2Q Punched Series

Cat. No.	AWG	Max. Number of Characters
SMK2T*	Use with SMKH and SMOH holders	4, 9, 17, 30
SMK2QT10	Use with TY524MX	10
SMK2QT07		7

*Replace asterisk by the number of characters desired.
SMK can be delivered with 1 or 2 line text.
Consult your Regional Sales Office for more information.

SMOH Series Holders

SMOH Series Holders

Cat. No.	AWG	Max. Number of Characters
SMOHT7		10
SMOHT12	Unlimited	18
SMOHT18		28
SMOHT30		28+

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T&B Express

Multi-Character Marking (Customized Orders)

Catalogue No. Construction			
Type	**Max. Dia. (in.)**	**Package Option**	**Characters per Marker***
SMO HSZ	i.e. 0.063	**T** = Unsorted **U** = Sorted *(requires specifications)*	4 9 17 30
Standard colour for customized markers are yellow unless otherwise stated in customer's excel file.			

*To complete catalogue number, add maximum number of characters required.

SMO Oval Series: Oval marking profile

SMO Oval Series

SMO Oval Series

SMO Oval Series

Cat. No.	Dia. (in.) min/max	AWG	Max. Number of Characters
SM0071T*	0.051/0.071	23–20	
SM0087T*	0.067/0.087	20–18	
SM0098T*	0.079/0.098	18–17	
SM0110T*	0.087/0.110	17–15	
SM0138T*	0.106/0.138	15–13	
SM0157T*	0.126/0.157	13–11	
SM0185T*	0.150/0.185	12–9	
SM0217T*	0.181/0.217	9–7	
SM0276T*	0.220/0.276	7–5	
SM0315T*	0.256/0.315	5–3	4, 9, 17, 30
SM0374T*	0.276/0.374	4–3	
SM0384T*	0.295/0.394	4–2	
SM0472T*	0.374/0.472	1/0	
SM0551T*	0.453/0.551	1/0–2/0	
SM0630T*	0.531/0.630	2/0–3/0	
SM0709T*	0.610/0.709	3/0–4/0	
SM0787T*	0.689/0.787	4/0	
SM0866T*	0.788/0.866	4/0–5/0	
SM0945T*	0.846/0.945	5/0–6/0	
SM01104T*	0.947/1.104	6/0–7/0	

* Replace asterisk by the number of characters desired.

HSZ Series

Flexible zero halogen thin wall polyolefin heat shrink tubing for marking on site.

- Excellent properties of fire safety
- Low smoke generation and evolution of acid gases
- Flexible and easy mounted on cables and wires
- 2 : 1 shrink ratio

Expanded as supplied
Fully recovered after heating
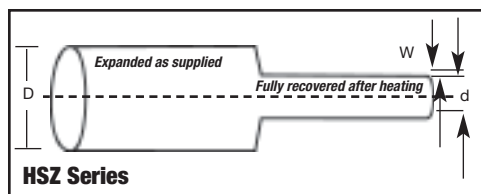
HSZ Series

Cat. No.	Internal Dia. (max.) D		Internal Dia. (max.) d		Wall Thick. (nom.) W		AWG	Max. Number of Characters
	mm	in.	mm	in.	mm	in.		
HSZ063T*	1.6	1/16	0.8	1/32	0.45	0.015	–	
HSZ093T*	2.4	3/32	1.2	3/64			–	
HSZ125T*	3.2	1/8	1.6	1/16	0.51	0.020	24–30	
HSZ187T*	4.8	3/16	2.4	3/32			14–22	
HSZ250T*	6.4	1/4	3.2	1/8			10–16	
HSZ375T*	9.5	3/8	4.8	3/16	0.64	0.025	6–12	4, 9, 17, 30
HSZ500T*	12.7	1/2	6.4	1/4			1–6	
HSZ750T*	19	3/4	9.5	3/8	0.79	0.030	4/0–2	
HSZ1000T*	25.4	1	12.7	1/2	0.89	0.035	350–2/0	
HSZ1500T*	38.1	1-1/2	19	3/4	1.02	0.040	750–3/0 kcmil	
HSZ2000T*	50.8	2	25.4	1	1.14	0.045	250–600 kcmil	

* Replace asterisk by the number of characters desired.

E-Z-CODER

Items included in the E-Z-CODER

36 reels of 500 x SMO markers from 1 to 9, A thru Z including the **"-"** symbol (order suffix **DH**). To replenish your reels of markers, order a reel of catalogue no. SMO256-4* and to select your legend, just replace the asterisk with your choice of characters i.e.: **A**, **3**, . (for dot symbol, order suffix **DT**). For other legends or symbols, contact your Thomas & Betts Regional Sales Office.

The carrying case also includes one bag (100 pieces) of SMKH10-0 "short" cable tag holders for up to 10 characters and one bag (100 pieces) of SMKH20-0 "long" cable tag holders for up to 20 characters. To complete this kit, 100 x TY5253MX Ty-Rap® cable ties are supplied to install and secure your cable tag holders.

Cat. No.	Contents	Legend	Reels/Bags	Items per reel/bag
PARTEX-EZCODER	SMO Markers	1 to 9	36	500
		A to Z		
	SMKH10-0	Short holder	1	100
	SMKH20-0	Long holder	1	100
	TY5253MX	Ty-Rap® cable ties	1	100

Example: How to order replenishment component parts		
1 X	SMO256-4-GRD	Ground ⏚ symbol
2 X	SMO256-4-0	Letter O or number zero
1 X	SMKH10-0	Short cable marker holder
100 X	TY5253MX	Ty-Rap® cable ties

Packaging Options

Packaging options for customized order

Unsorted Package

Unsorted in a loop in sequential manner based on how markers are on customer Excel file.

Cat. No.: MUA

Cat. No.: MUH
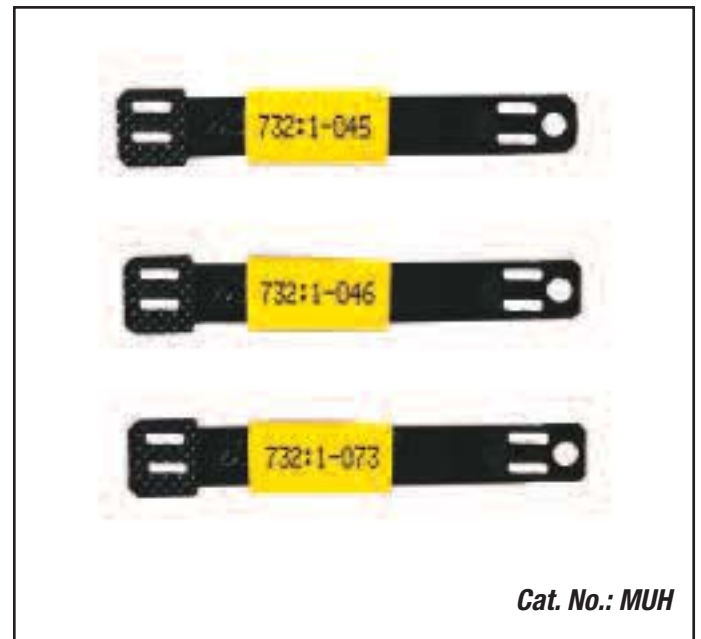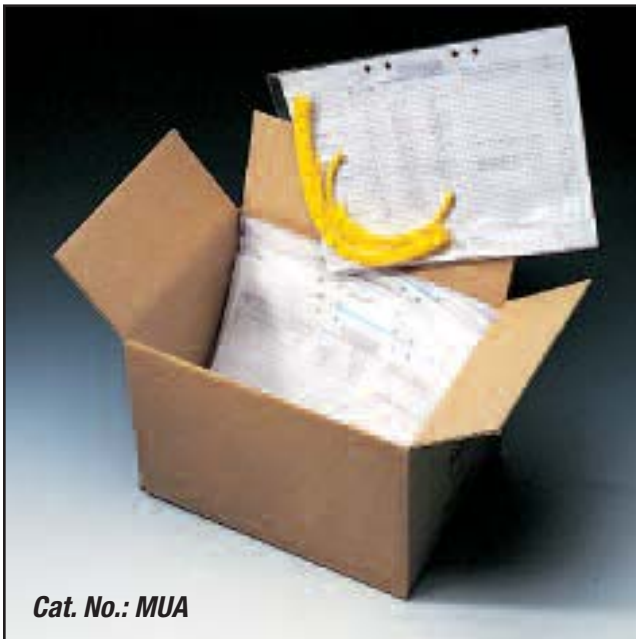
Sorted marking sleeves packed entirely according to customer requirements, in packs with sorting designations.

Labels Overview

Stick to safety with E-Z-Code® Labels

All kinds of dangers exist with high-voltage equipment and industrial machinery. Warn your employees of hazards and keep them safe with E-Z-Code® Labels. Place the self-adhesive labels where they need to be seen for on-the-spot identification and instruction and to help you comply with workplace health and safety regulations.

Arc Flash Labels

Avoid accidents and OSHA fines by clearly marking electrical equipment with potential for arc flash hazards with E-Z-Code® Arc Flash Labels. They're designed to meet the latest ANSI standards for safety labels and help you comply with both Canadian Electrical Code and National Electrical Code® standards.

- Made of pressure-sensitive vinyl with aggressive acrylic adhesive
- For more information, see **p. E33**

Conduit and Voltage Markers

Positively identify voltage on conduit, load centers, circuit breakers, switches and other electrical equipment to allow faster, safer repair.

- Made from rugged, self-sticking vinyl — adheres to most surfaces
- High-contrast black type on safety-orange background for visibility
- For more information, see **p. E31**

Electrical Safety Labels

Positively identify voltage on conduit, load centers, circuit breakers, switches and other electrical equipment to allow faster, safer repair.

- Made from rugged, self-sticking vinyl — adheres to most surfaces
- High-contrast black type on safety-orange background for visibility
- For more information, see **p. E32**

Lockout Labels

Compliant with both Canadian and US lockout/tagout requirements, E-Z-Code® Lockout Labels are designed to help you develop, implement and update a lockout/tagout program for your facility.

- Made from pressure-sensitive vinyl with polyester overlaminate
- Adhere to almost any clean, dry surface — rough or smooth
- Use in indoor or outdoor applications
- For more information, see **p. E33 to E35**

Pictogram Labels

Use these labels featuring universal symbols to communicate hazards to anyone, regardless of literacy or language.

- Made from self-adhesive vinyl
- For more information, see **p. E45**

Machine Warning Labels

Machine Warning Labels help you prevent injuries and reduce downtime. They also comply with ASME (ANSI Z535), CSA standard Z462 and OSHA 1910.145 requirements to use safety and compliance signs to indicate hazards that may lead to accidents, injury and property damage.

DANGER indicates an immediate hazard with a strong potential for death or severe injury

WARNING indicates hazardous situations that may result in death or severe injury

CAUTION warns against potential hazards or unsafe practices

- Made from pressure-sensitive vinyl with polyester overlaminate and permanent acrylic adhesive
- Use indoors or outdoors — temperature range of -40°C to 180°C
- 5-year durability
- For more information, see **p. E36 to E40**

Write-On Control Markers

A quick and simple way to keep on-the-spot records, write-on control markers are easy to carry and dispense as needed.

- Made from pressure-sensitive, imprintable matte vinyl
- Adhere to clean, flat, dry, smooth surfaces
- Resists grease, oil and moisture
- Accepts pen, pencil, felt-tip marker, typewriter or rubber stamp
- For more information, see **p. E41, E42**

Industrial Markers

Individual letters and numbers are ideal for fast, general-purpose marking of bins, shelves, poles, panels, switches and equipment.

- Made from plastic-coated vinyl cloth with high-tack adhesive
- Rated for indoor use
- Available in 4 sizes with character height ranging from 5⁄16 in. to 2 in.
- Reflective letters and numbers also available for high visibility in dark or dimly lit areas
- For more information, see **p. E44**

Custom Labels

Need labels you don't see in this catalogue? No problem — we welcome custom orders. Please refer to the form on **p. E46, E47** for guidance, and don't hesitate to contact your Regional Sales Office for ordering assistance.

Conduit & Voltage Marker Cards

Identify electrical systems, including load centers, circuit breakers, switches or any other vital electrical equipment!

- Helps prevent mistakes and trial and error searching during electrical service work
- Manufactured of rugged Self-Sticking Vinyl with high-contrast black printing on safety orange background
- OSHA compliant

220 VOLTS

Style A: 2-1/4 in. x 9 in.
(1 marker per card) Character Height 1-7/8 in.

220 VOLTS | 220 VOLTS
220 VOLTS | 220 VOLTS
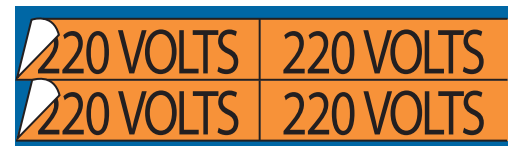
Style B: 1-1/8 in. x 4-1/2 in.
(4 markers per card) Character Height 7/8 in.

220 VOLTS (x18)

Style C: 2-1/4 in. x 1/2 in.
(18 markers per card) Character Height 5/16 in.

Style A 2-1/4 in. x 9 in.	Style B 1-1/8 in. x 4-1/2 in.	Style C 2-1/4 in. x 1/2 in.	Legend
WJT-5010	WDT-5010	WAT-5010	110 volts
WJT-5011	WDT-5011	WAT-5011	115 volts
WJT-5012	WDT-5012	WAT-5012	120 volts
WJT-5045	WDT-5045	WAT-5045	120/208 volts
WJT-5013	WDT-5013	WAT-5013	208 volts
WJT-5014	WDT-5014	WAT-5014	220 volts
WJT-5015	WDT-5015	WAT-5015	230 volts
WJT-5016	WDT-5016	WAT-5016	240 volts
WJT-5017	WDT-5017	WAT-5017	250 volts
WJT-5018	WDT-5018	WAT-5018	277 volts
WJT-5046	WDT-5046	WAT-5046	277/480 volts
WJT-5057	WDT-5057	WAT-5057	380 volts
WJT-5044	WDT-5044	WAT-5044	415 volts
WJT-5019	WDT-5019	WAT-5019	440 volts
WJT-5020	WDT-5020	WAT-5020	460 volts
WJT-5021	WDT-5021	WAT-5021	480 volts
WJT-5022	WDT-5022	WAT-5022	550 volts
WJT-5023	WDT-5023	WAT-5023	600 volts
WJT-5024	WDT-5024	WAT-5024	2,200 volts
WJT-5025	WDT-5025	WAT-5025	2,300 volts
WJT-5026	WDT-5026	WAT-5026	2,400 volts
WJT-5027	WDT-5027	WAT-5027	4,160 volts
WJT-5028	WDT-5028	WAT-5028	4,800 volts
WJT-5058	WDT-5058	WAT-5058	5,000 volts
WJT-5029	WDT-5029	WAT-5029	6,900 volts

Order in multiples of 25 cards.

Style A 2-1/4 in. x 9 in.	Style B 1-1/8 in. x 4-1/2 in.	Style C 2-1/4 in. x 1/2 in.	Legend
WJT-5030	WDT-5030	WAT-5030	7,200 volts
WJT-5059	WDT-5059	WAT-5059	12,000 volts
WJT-5060	WDT-5060	WAT-5060	13,000 volts
WJT-5047	WDT-5047	WAT-5047	13,200 volts
WJT-5031	WDT-5031	WAT-5031	13,800 volts
WJT-5032	WDT-5032	WAT-5032	AC
WJT-5043	WDT-5043	WAT-5043	Air Conditioning
WJT-5052	WDT-5052	WAT-5052	Circuit Breaker
WJT-5051	WDT-5051	WAT-5051	Circuit #
WJT-5038	WDT-5038	WAT-5038	DC
WJT-5050	WDT-5050	WAT-5050	Electric Out of Service
WJT-5033	WDT-5033	WAT-5033	Emergency Service
WJT-5039	WDT-5039	WAT-5039	Exit Lights
WJT-5040	WDT-5040	WAT-5040	Fire Alarm
WJT-5053	WDT-5053	WAT-5053	Fuse Box
WJT-5041	WDT-5041	WAT-5041	Heating Circuit
WJT-5037	WDT-5037	WAT-5037	Lights
WJT-5042	WDT-5042	WAT-5042	Light & Power
WJT-5048	WDT-5048	WAT-5048	On/Off
WJT-5036	WDT-5036	WAT-5036	Power
WJT-5034	WDT-5034	WAT-5034	Single Phase
WJT-5055	WDT-5055	WAT-5055	Spare
WJT-5056	WDT-5056	WAT-5056	Telephone
WJT-5035	WDT-5035	WAT-5035	Three Phase
WJT-5054	WDT-5054	WAT-5054	_____ volts

Electrical Safety Labels

"Mr. Ouch" — NEMA Safety Labels

- Use on pad-mounted transformers located in public areas

- Meets NEMA, UL and CSA standards

- Made of tamper-resistant film to prevent defacing and vandalism

- Permanent pressure-sensitive adhesive makes removal virtually impossible

- Orange WARNING label goes on outside of enclosure

- Red DANGER label goes on inside of enclosure

Cat. No.	Label Size
WUT-0366	4-1/2 in. x 8 in.

Order in multiples of 25 labels.

Cat. No.	Label Size
WUT-0367	4-1/2 in. x 8 in.

Self-Sticking Polyester Safety Labels

Cat. No.	Label Size
WJA-1100	2-1/4 in. x 9 in.
WQA-1100	5 in. x 14 in.

Cat. No.	Label Size
WJA-0076	2-1/4 in. x 9 in
WQA-0076	5 in. x 14 in.

Cat. No.	Label Size
WHF-0076	2-1/4 in. x 4-1/2 in.

2 per card.

Cat. No.	Label Size
LB86871	3-1/2 in. x 5 in.

Cat. No.	Label Size
LB86877	3-1/2 in. x 5 in.

Cat. No.	Label Size
LB86860	3-1/2 in. x 5 in.

Cat. No.	Label Size
LB86861	3-1/2 in. x 5 in.

Lockout Labels

Nothing's shocking when you warn service personnel of potential arc flash hazards

NEW !

Arc Flash Labels

- Use on switchboards, panelboards, industrial control panels, motor control centers and other electrical equipment and components to identify potential arc flash hazards
- Post where clearly visible to qualified persons before they service, adjust or perform maintenance on equipment
- Designed to meet the latest ANSI standards for safety labels
- Made of durable, pressure-sensitive vinyl with aggressive acrylic adhesive

CEC, Rule 2-306, NEC Article 110.16 — Flash Protection. Electrical equipment, such as switchboards, panelboards, industrial control panels, meter socket enclosures and motor control centers, that are in other than dwelling occupancies, and are likely to require examination, adjustment, servicing or maintenance while energized shall be field marked to warn qualified persons of potential electric arc flash hazards.

The marking shall be located so as to be clearly visible to qualified persons before examination, adjustment, servicing or maintenance of the equipment.

NEC Informational Note No. 1 : NFPA 70E-2004, *Standard for Electrical Safety in the Workplace*, provides assistance in determining severity of potential exposure, planning safe work practices, and selecting personal protective equipment.

NEC Informational Note No. 2 : ZNSI A535.4-1998, *Product Safety Signs and Labels*, provides guidelines for the design of safety signs and labels for application to products.
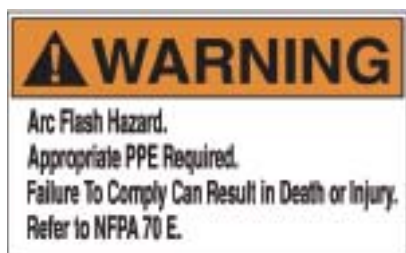
Cat. No.	Label Size
AFL-FW35	3-1/2 in. x 5 in.

Cat. No.	Label Size
AFL-FW35A	3-1/2 in. x 5 in.

Cat. No.	Label Size
AFL-FWC35	3-1/2 in. x 5 in.

Cat. No.	Label Size
AFL-FW3	3-1/2 in. x 5 in.

Lockout Labels

Stick'em up for greater workplace safety

Lockout Labels

• Prevent accidents and protect employees

• Comply with Canadian and US lockout/tagout requirements

• Made from pressure-sensitive vinyl with polyester overlaminate to protect graphics

• Adhere to almost any clean, dry surface — rough or smooth

• Use in indoor or outdoor applications

NEW !

TAKE THE TIME TO LOCK IT OUT — SAFETY LASTS A LIFETIME
LL-40

LOCKOUT FOR SAFETY — BEFORE YOU START
LL-44

Cat. No.	Label Size
LL-40	3-1/2 in. x 5 in.
LL-44	3-1/2 in. x 5 in.

LOCKOUT FOR SAFETY

Cat. No.	Label Size
LL-20	2-1/4 in. x 4-1/2 in.

LOCKOUT BEFORE SERVICING

Cat. No.	Label Size
LB86871LL-21	2-1/4 in. x 4-1/2 in.

REMOVE ALL DOUBT LOCK IT OUT

Cat. No.	Label Size
LL-23	2-1/4 in. x 4-1/2 in.

THIS DISCONNECT DOES NOT REMOVE ALL POWER FROM PANEL

Cat. No.	Label Size
LL-24	2-1/4 in. x 4-1/2 in.

LOCKOUT HERE

Cat. No.	Label Size
LL-22	2-1/4 in. x 4-1/2 in.

USE LOCKOUT DEVICE DURING MAINTENANCE

Cat. No.	Label Size
LL-31A	2-1/4 in. x 4-1/2 in.

CAUTION — THIS DEVICE POWERED FROM SEVERAL ENERGY SOURCES — DISCONNECT SWITCH WILL NOT TURN OFF ALL THOSE SOURCES OF ELECTRICAL ENERGY

Cat. No.	Label Size
LL-52	3-1/2 in. x 5 in.

CAUTION — USE LOCKOUT DEVICE DURING MAINTENANCE OR ANY OPERATOR ADJUSTMENT

Cat. No.	Label Size
LL-53	3-1/2 in. x 5 in.

CAUTION — BEFORE PROCEEDING WITH REPAIR WORK, ALL SOURCES OF POWER TO THE MACHINE MUST BE TAGGED OUT AND/OR SECURE WITH A LOCKING DEVICE.

Cat. No.	Label Size
LL-54	3-1/2 in. x 5 in.

CAUTION — BEFORE ENTERING LOCKOUT ALL ENERGY SOURCES

Cat. No.	Label Size
LL-62	3-1/2 in. x 5 in.

Order in multiples of 25 labels.

NOTICE — USE LOCKOUT DURING MAINTENANCE OR ANY OPERATOR ADJUSTMENT

Cat. No.	Label Size
LL-55	3-1/2 in. x 5 in.

CAUTION — Follow lockout procedures
LL-63

DANGER — Lockout equipment before servicing
LL-65

Cat. No.	Label Size
LL-63	3-1/2 in. x 5 in.
LL-65	3-1/2 in. x 5 in.

Lockout Labels

NEW !

Cat. No.	Label Size
LL-64	3-1/2 in. x 5 in.

Cat. No.	Label Size
LL-35	3-1/2 in. x 5 in.

Cat. No.	Label Size
LL-36	3-1/2 in. x 5 in.
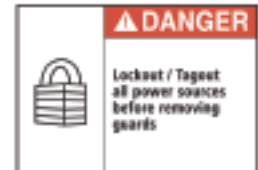
Cat. No.	Label Size
LL-38	3-1/2 in. x 5 in.
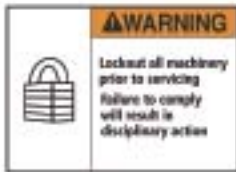
Cat. No.	Label Size
LL-39	3-1/2 in. x 5 in.

Cat. No.	Label Size
LL-45	3-1/2 in. x 5 in.

Cat. No.	Label Size
LL-42	3-1/2 in. x 5 in.

Cat. No.	Label Size
LL-50	3-1/2 in. x 5 in.

Cat. No.	Label Size
LL-51	3-1/2 in. x 5 in.

Cat. No.	Label Size
LL-46	3-1/2 in. x 5 in.

Cat. No.	Label Size
LL-66	3-1/2 in. x 5 in.

Cat. No.	Label Size
LB86204	3-1/2 in. x 5 in.

Cat. No.	Label Size
LB86245	3-1/2 in. x 5 in.

Cat. No.	Label Size
LB86248	3-1/2 in. x 5 in.

Cat. No.	Label Size
LB86250	3-1/2 in. x 5 in.

Order in multiples of 25 labels.

Padlock Labels

Identifying locks just became easier. Simply sign the label, attach one to your lock and cover the label with the polyester overlaminate.

Cat. No.	Label Size
LL-34	3/4 in. x 5 in.

Order in multiples of 25 labels.

Machine Warning Labels

Prevent injuries at your industrial location

Guide to Label Headers

DANGER indicates an immediate hazard with a strong potential for death or severe injury

WARNING indicates hazardous situations that may result in death or severe injury

CAUTION warns against potential hazards or unsafe practices

- Help prevent accidents and reduce downtime
- Comply with ASME (ANSI Z535), CSA Standard Z462 and OSHA 1910.145 requirements
- Made from pressure-sensitive vinyl with polyester overlaminate and permanent acrylic adhesive
- Use in indoor or outdoor applications
- Temperature range of -40°C to 180°C
- 5-year durability

Acid

Cat. No.	Label Size
MWL-1522	3-1/2 in. x 5 in.

All drivers must chock wheels
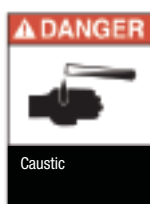
Cat. No.	Label Size
MWL-1523	3-1/2 in. x 5 in.

Caustic

Cat. No.	Label Size
MWL-1524	3-1/2 in. x 5 in.

Confined space Enter by permit only

Cat. No.	Label Size
MWL-1525	3-1/2 in. x 5 in.

Electrical Hazard Authorized personnel only.

Cat. No.	Label Size
MWL-1526	3-1/2 in. x 5 in.

Electrical Hazard Do not touch

Cat. No.	Label Size
MWL-1527	3-1/2 in. x 5 in.

Electrical Hazard Turn off power before servicing

Cat. No.	Label Size
MWL-1528	3-1/2 in. x 5 in.

Explosive gas No smoking

Cat. No.	Label Size
MWL-1529	3-1/2 in. x 5 in.

Flammable materials

Cat. No.	Label Size
MWL-1530	3-1/2 in. x 5 in.

Flammable No matches or open lights

Cat. No.	Label Size
MWL-1531	3-1/2 in. x 5 in.

Order in multiples of 5 labels.

Thomas&Betts

Machine Warning Labels

⚠ DANGER

Hight noise area.
Wear ear protection.

Cat. No.	Label Size
MWL-1532	3-1/2 in. x 5 in.

⚠ DANGER

High voltage.
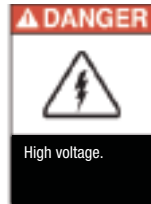
Cat. No.	Label Size
MWL-1533	3-1/2 in. x 5 in.

⚠ DANGER

High voltage.
Keep out.

Cat. No.	Label Size
MWL-1534	3-1/2 in. x 5 in.

⚠ DANGER

Keep guards
in place.

Cat. No.	Label Size
MWL-1535	3-1/2 in. x 5 in.

⚠ DANGER

Keep hands clear of
moving machinery.

Cat. No.	Label Size
MWL-1536	3-1/2 in. x 5 in.

⚠ DANGER

Keep out.

Cat. No.	Label Size
MWL-1537	3-1/2 in. x 5 in.

⚠ DANGER

Keep hands and
fingers away.

Cat. No.	Label Size
MWL-1538	3-1/2 in. x 5 in.

⚠ DANGER

Moving Machinery.
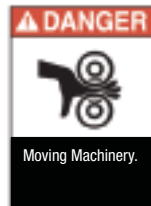
Cat. No.	Label Size
MWL-1539	3-1/2 in. x 5 in.

⚠ DANGER

No smoking.

Cat. No.	Label Size
MWL-1540	3-1/2 in. x 5 in.

⚠ DANGER

No Smoking
in this area.

Cat. No.	Label Size
MWL-1541	3-1/2 in. x 5 in.

⚠ DANGER

No Smoking
No open flames

Cat. No.	Label Size
MWL-1542	3-1/2 in. x 5 in.

⚠ DANGER

No Smoking
No open flames
No sparks

Cat. No.	Label Size
MWL-1543	3-1/2 in. x 5 in.

Order in multiples of 5 labels.

Machine Warning Labels

DANGER
Pinch Point. Keep back.

Cat. No.	Label Size
MWL-1544	3-1/2 in. x 5 in.

DANGER
Pinch Point. Watch your hands.

Cat. No.	Label Size
MWL-1545	3-1/2 in. x 5 in.

CAUTION
Corrosive material. Avoid contact with eyes and skin.

Cat. No.	Label Size
MWL-1546	3-1/2 in. x 5 in.

CAUTION
Do not operate without guards.
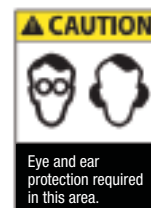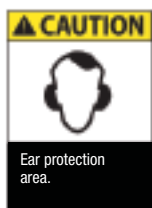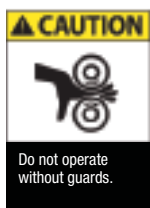
Cat. No.	Label Size
MWL-1547	3-1/2 in. x 5 in.

CAUTION
Ear protection area.

Cat. No.	Label Size
MWL-1548	3-1/2 in. x 5 in.

CAUTION
Eye and ear protection required in this area.

Cat. No.	Label Size
MWL-1549	3-1/2 in. x 5 in.

CAUTION
Eye protection area.
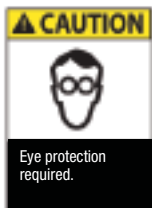
Cat. No.	Label Size
MWL-1550	3-1/2 in. x 5 in.

CAUTION
Eye protection required.

Cat. No.	Label Size
MWL-1551	3-1/2 in. x 5 in.

CAUTION
Hard hat requied.

Cat. No.	Label Size
MWL-1552	3-1/2 in. x 5 in.

CAUTION
Hearing protection required in this area.
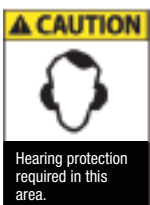
Cat. No.	Label Size
MWL-1553	3-1/2 in. x 5 in.

CAUTION
Hot

Cat. No.	Label Size
MWL-1554	3-1/2 in. x 5 in.

CAUTION
Radiation area.

Cat. No.	Label Size
MWL-1555	3-1/2 in. x 5 in.

Order in multiples of 5 labels.

Machine Warning Labels

⚠ CAUTION — Respirators must be worn in this area.

Cat. No.	Label Size
MWL-1556	3-1/2 in. x 5 in.

⚠ CAUTION — Safety shoes required in this area.

Cat. No.	Label Size
MWL-1557	3-1/2 in. x 5 in.

⚠ CAUTION — Sliperry floor.
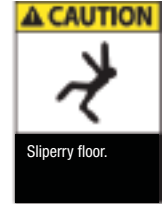
Cat. No.	Label Size
MWL-1558	3-1/2 in. x 5 in.

⚠ CAUTION — Watch your step.
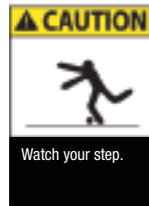
Cat. No.	Label Size
MWL-1559	3-1/2 in. x 5 in.

⚠ CAUTION — Wear gloves in this area.

Cat. No.	Label Size
MWL-1560	3-1/2 in. x 5 in.

⚠ CAUTION — Wear mask. Respiratory irritants in this area.

Cat. No.	Label Size
MWL-1561	3-1/2 in. x 5 in.

⚠ WARNING — Do not smoke in this area.

Cat. No.	Label Size
MWL-1562	3-1/2 in. x 5 in.

⚠ WARNING — Electrical hazard Keep out
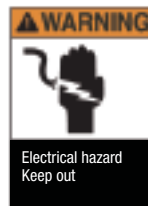
Cat. No.	Label Size
MWL-1563	3-1/2 in. x 5 in.

⚠ WARNING — Hard hat required.

Cat. No.	Label Size
MWL-1564	3-1/2 in. x 5 in.

⚠ WARNING — Keep guards in place.
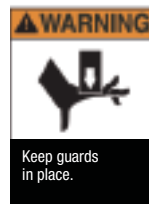
Cat. No.	Label Size
MWL-1565	3-1/2 in. x 5 in.

⚠ WARNING — Poison. See MSDS and follow safe handling procedures.

Cat. No.	Label Size
MWL-1566	3-1/2 in. x 5 in.

⚠ WARNING — Respirator area. See MSDS for correct filter type.

Cat. No.	Label Size
MWL-1567	3-1/2 in. x 5 in.

Order in multiples of 5 labels.

Machine Warning Labels

⚠ WARNING — This machine starts automatically.

Cat. No.	Label Size
MWL-1568	3-1/2 in. x 5 in.

⚠ WARNING — Wear Respirator in this area.

Cat. No.	Label Size
MWL-1569	3-1/2 in. x 5 in.

NOTICE — Safety glasses required beyond this point.
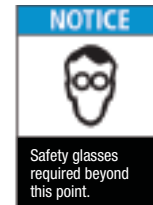
Cat. No.	Label Size
MWL-1570	3-1/2 in. x 5 in.

SAFETY FIRST — Pick up and return safety glasses here.

Cat. No.	Label Size
MWL-1571	3-1/2 in. x 5 in.

⚠ CAUTION — Hot surface. Do not touch.

Cat. No.	Label Size
MWL-1572	3-1/2 in. x 5 in.

⚠ DANGER — High voltage. Disconnect power before servicing.

Cat. No.	Label Size
MWL-1573	3-1/2 in. x 5 in.

⚠ DANGER — High Voltage. Do not touch.

Cat. No.	Label Size
MWL-1574	3-1/2 in. x 5 in.

⚠ WARNING — Do not operate without guards in place.

Cat. No.	Label Size
MWL-1575	3-1/2 in. x 5 in.

⚠ WARNING — Electrical hazard. Authorized personnel only.

Cat. No.	Label Size
MWL-1576	3-1/2 in. x 5 in.

Order in multiples of 5 labels.

Magnetic Signs

CAUTION — THIS MACHINE MUST BE LOCKED OUT PRIOR TO SERVICING

Cat. No.	Label Size
MG66002	3-1/2 in. x 5 in.
MG66003	5 in. x 7 in.

DANGER — BREAKERS LOCKED OUT

Cat. No.	Label Size
MG66004	3-1/2 in. x 5 in.
MG66005	5 in. x 7 in.

DANGER — DO NOT OPERATE

Cat. No.	Label Size
MG66006	3-1/2 in. x 5 in.
MG66005	5 in. x 7 in.

DANGER — EQUIPMENT BEING SERVICED DO NOT OPERATE

Cat. No.	Label Size
MG66008	3-1/2 in. x 5 in.
MG66009	5 in. x 7 in.

Write-On Control Markers

The handy markers for frequent identification jobs

- A quick and easy way to keep on-the-spot records
- Easy to carry and dispense as needed
- Made from pressure-sensitive, imprintable matte vinyl
- Adheres to clean, flat, dry, smooth surfaces

- Resists grease, oil and moisture
- Accepts marking by pen, pencil, felt-tip marker, typewriter or rubber stamp
- Standard marker size is 1-1/2 in. W x 5/8 in. H with 14 markers per card
- Some markers available in extra-large 2-1/2 in. W x 1 in. H size with 9 markers per card

NEW !

Cat. No.	Marker Size	Markers Per Card
WCMP16	1-1/2 in. x 5/8 in.	14

Cat. No.	Marker Size	Markers Per Card
WCMP29	1-1/2 in. x 5/8 in.	14

Cat. No.	Marker Size	Markers Per Card
WCMP6	1-1/2 in. x 5/8 in.	14

Cat. No.	Marker Size	Markers Per Card
WCMP9	1-1/2 in. x 5/8 in.	14

Cat. No.	Marker Size	Markers Per Card
WCMP20	1-1/2 in. x 5/8 in.	14

Cat. No.	Marker Size	Markers Per Card
WCMP3	1-1/2 in. x 5/8 in.	14

Cat. No.	Marker Size	Markers Per Card
WCMP22	1-1/2 in. x 5/8 in.	14

Cat. No.	Marker Size	Markers Per Card
WCMP7	2-1/2 in. x 1 in.	9

Cat. No.	Marker Size	Markers Per Card
WCMP24	2-1/2 in. x 1 in.	9
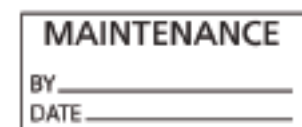
Cat. No.	Marker Size	Markers Per Card
WCMP21	2-1/2 in. x 1 in.	9

Order in multiples of 25 signs.

Write-On Control Markers

The handy markers for frequent identification jobs (cont'd)

Cat. No.	Marker Size	Markers Per Card
WCMP5	1-1/2 in. x 5/8 in.	14

Cat. No.	Marker Size	Markers Per Card
WCMP1	1-1/2 in. x 5/8 in.	14

Cat. No.	Marker Size	Markers Per Card
WCMP26	1-1/2 in. x 5/8 in.	14

Cat. No.	Marker Size	Markers Per Card
WCMP2	1-1/2 in. x 5/8 in.	14

Cat. No.	Marker Size	Markers Per Card
WCMP18	1-1/2 in. x 5/8 in.	14

Cat. No.	Marker Size	Markers Per Card
WCMP4	1-1/2 in. x 5/8 in.	14

Cat. No.	Marker Size	Markers Per Card
WCMP25	1-1/2 in. x 5/8 in.	14

Cat. No.	Marker Size	Markers Per Card
WCMP75	2-1/4 in. x 1 in	9

Order in multiples of 25 signs.

Write-On Control Markers

Polyolefin Pocket Pack Markers

Stay ready for quality control!

- Easy to carry — marker books fit in shirt pocket

- Easy to use — just peel the marker from the page

- Clean and convenient — markers are tabbed
  so fingers never touch the adhesive

Cat. No.	Legend	Labels Per Book
WTMP-1B	CALIBRATED (black)	
WTMP-2B	CERTIFICATION (black)	
WTMP-3B	MAINTENANCE (blue)	
WTMP-4B	REJECTED (red)	
WTMP-5B	ACCEPTED (green)	
WTMP-6B	HOLD (red)	
WTMP-7B	RETURN TO VENDOR (orange)	
WTMP-8B	REWORK (black)	
WTMP-9B	HOLD FOR INSPECTION (blue)	
WTMP-11B	CAUTION (black)	
WTMP-16B	DATE INSTALLED (black)	
WTMP-18B	DUE FOR INSPECTION (orange)	240
WTMP-19B	DO NOT USE AFTER (red)	
WTMP-20B	INSPECTED (black)	
WTMP-21B	BLANK HEADING	
WTMP-22B	REPAIRED BY (orange)	
WTMP-24B	SCRAPPED (orange)	
WTMP-25B	TESTED (green)	
WTMP-26B	CALIBRATION (green)	
WTMP-52B	PROPERTY TAG (black)	
WTMP-53B	SERIAL NO. (black)	
WTMP-55B	TOOL NO. (blue)	

15 pages per book, 16 markers per page. Each label is 1-1/2 in. x 5/8 in.
Each book contains 240 identical labels.

Industrial Markers

Easy to read and available in a variety of configurations!

Numbers and Letters

- High-contrast, self-sticking, vinyl cloth markers make numbering and coding quick and easy
- Rated for indoor use
- Select character heights ranging from 5/16 in. to 3-3/4 in.

Series 003
78 markers per card.
Marker size: 3/8 in. x 1/2 in. Character Height: 5/16 in.

Series 063
32 markers per card.
Marker size: 9/16 in. x 3/4 in. Character Height: 5/8 in.

Series 100
10 markers per card.
Marker size: 7/8 in. x 1-1/2 in. Character Height: 1 in.

Series 200
10 markers per card.
Marker size: 7/8 in. x 2-1/4 in. Character Height: 2 in.

Description	Legend	Series 003	Series 063	Series 100	Series 200
LETTERS	A–Z	WCNL003A...WCNL003Z	WCNL063A...WCNL063Z	WCNL100A...WCNL100Z	WCNL200A...WCNL200Z
NUMBERS	0	WCNL003ZERO	WCNL063ZERO	WCNL100ZERO	WCNL200ZERO
NUMBERS	1-9	WCNL0031...WCNL0039	WCNL0631...WCNL0639	WCNL1001...WCNL1009	WCNL2001...WCNL2009
LETTERS IN SEQUENCE	A-Z	WCNL003AZ	WCNL063AZ	N/A	N/A
LETTERS IN SEQUENCE	A-J	N/A	N/A	WCNL100AJ	WCNL200AJ
LETTERS IN SEQUENCE	K-T	N/A	N/A	WCNL100KT	WCNL200KT
LETTERS IN SEQUENCE	U-Z	N/A	N/A	WCNL100UZ	WCNL200UZ
NUMBERS IN SEQUENCE	0-9	WCNL00309	WCNL00369	WCNL10009	WCNL20009

Order in multiples of 5 cards.

Numbers and Letters

- High-contrast, self-sticking, vinyl cloth markers make numbering and coding quick and easy
- Rated for indoor use

Cat. No.	Size	Character Height	Marker Size (W x H)
WRSUM*	Small	1-1/2 in.	1-3/8 in. x 1-7/8 in.
WRUM*	Standard	2-1/2 in.	1-3/4 in. x 2-7/8 in.
WRLUM*	Large	3-3/4 in.	2-7/8 in. x 4-5/16 in.

* Add desired letter **(A–Z)** or number **(0–9)** in place of asterisk to complete Cat. No.
   Example: **WRSUM1, WRSUM2, WRSUMA**, etc.
   Order in multiples of 25 cards.

Pictogram Labels

Don't let words get in the way of hazard information

Pictogram labels

- Universal symbols communicate hazards to anyone, regardless of literacy or language
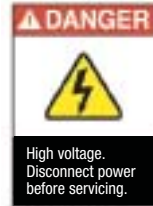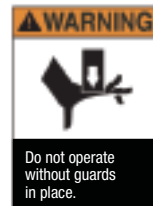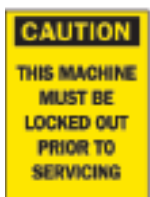
- Made from self-adhesive vinyl

- Label size is 2 in. x 2 in.

NEW !

Cat. No.	Label Size
PTG-100	2 in. x 2 in.

Cat. No.	Label Size
PTG-101	2 in. x 2 in.

Cat. No.	Label Size
PTG-102	2 in. x 2 in.

Cat. No.	Label Size
PTG-103	2 in. x 2 in.

Cat. No.	Label Size
PTG-104	2 in. x 2 in.

Cat. No.	Label Size
PTG-105	2 in. x 2 in.

Cat. No.	Label Size
PTG-106	2 in. x 2 in.

Cat. No.	Label Size
PTG-107	2 in. x 2 in.

Cat. No.	Label Size
PTG-108	2 in. x 2 in.

Cat. No.	Label Size
PTG-109	2 in. x 2 in.
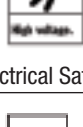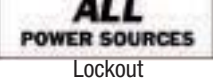
Order in multiples of 100 labels.

Custom Label Express Order Form

This **Custom Label Order Form** is for the convenience of you and your authorized Thomas & Betts Distributor. To help expedite your order, please copy this form and fax a completed copy to us. For questions about ordering Custom Labels, call your Regional Sales Office. Fax your order to 450-357-3556, Attn.: Product Line Coordinator.

Label Types and Available Sizes

Please check the appropriate boxes to choose English or French and the size.

E / F — Arc Flash: ☐ 3-1/2 in. x 5 in. ☐ 3-1/2 in. x 6 in. ☐ 3-1/2 in. x 10 in. ☐ 5 in. x 7 in.

E / F — Electrical Safety: ☐ 2-1/2 in. x 4-1/2 in. ☐ 2-1/4 in. x 9 in. ☐ 3-1/2 in. x 5 in. ☐ 4-1/2 in. x 8 in. ☐ 4-1/2 in. x 10-3/4 in. ☐ 5 in. x 14 in.

E / F — Lockout: ☐ 2-1/4 in. x 4-1/2 in. ☐ 3-1/2 in. x 5 in.

E / F — Padlock: ☐ 3/4 in. x 5 in.

E / F — Machine Warning: ☐ 3-1/2 in. x 5 in.

Legend:
Please print your message clearly in the box below.

Materials:
Please check one box.
☐ Vinyl
☐ Other _____

Quantity: ☐
No minimum order. Orders for 50+ tags are welcome. Call for delivery and additional volume discounts.

High-Volume Blank Printer Labels:
Please complete all portions.

Your Printer technology: ☐ Thermal ☐ Laser ☐ Dot Matrix ☐ Ink Jet ☐ Portable

Label Size:
- Use fractional inches, not decimals.
- For labels on a cassette, check the C box to indicate continuous measurement in feet and indicate length next to the box.
☐ Width ☐ Height ☐ C Length _____ ft.

Colour: ☐ White ☐ Yellow

Label Material: ☐ SL Self-Laminating Vinyl ☐ N Nylon ☐ VC Vinyl Cloth ☐ HS Heat Shrink ☐ P Polyester ☐ PM Polyamide

Quantity: ☐
No minimum order. Orders for 50+ tags are welcome. Call for delivery and additional volume discounts.

Distributor Billing Location:
Distributor Name: _____
Distributor Address: _____
_____
P.O. Number: _____
Contact Name: _____
Phone Number: _____
Fax Number: _____

Shipping Location:
Your Name/Title: _____
Company Name: _____
Attn: _____
Address: _____
City: _____ Province: _____ Postal Code: _____
Phone/Fax Number: _____
P.O. Number: _____

Custom Tag Express Order Form

This **Custom Tag Order Form** is for the convenience of you and your authorized Thomas & Betts Distributor. To help expedite your order, please copy this form and fax a completed copy to us. For questions about ordering Custom Tags, call your Regional Sales Office. Fax your order to 450-357-3556, Attn.: Product Line Coordinator.

Materials and Available Sizes

Please check the appropriate boxes for material and size

Material	Available Sizes	
☐ Vinyl	☐ 3-1/4 in. x 6 in.	☐ 3-1/4 in. x 5-1/2 in.
☐ Other _____	☐ Other _____	

Tag Type:

Please check one of the options below for English or French language.

☐ E ☐ F **Caution**

☐ E ☐ F **Danger**

☐ E ☐ F **Lockout**

☐ E ☐ F **Inspection and Material Control**

☐ E ☐ F **Production Status**

☐ **Blank (No Message)**

Quantity:

☐

No minimum order. Orders for 50+ tags are welcome. Call for delivery and additional volume discounts.

Blank Tag color:

☐ Dark Green ☐ Light Blue ☐ Orange

☐ Red ☐ White ☐ Yellow

Message, Tag Front:

Please print your message clearly in the box below.

Brass Grommets/Eyelets:

Please check the appropriate boxes for number and size

Numbers		Available Sizes	
☐ 1	☐ Other ____	☐ 1/4 in.	☐ Other ____

Protective Options:

Self-Laminating Covers		UV Protection
☐ Front	☐ Back	☐

Additional Options:

☐ Bar Codes ☐ Carbon set ☐ Performance ☐ Sequential Numbering

To discuss these options, call your Regional Sales office.

Distributor Billing Location:

Distributor Name: _____
Distributor Address: _____
_____
P.O. Number: _____
Contact Name: _____
Phone Number: _____
Fax Number: _____

Shipping Location:

Your Name/Title: _____
Company Name: _____
Attn: _____
Address: _____
City: _____ Province: _____ Postal Code: _____
Phone/Fax Number: _____
P.O. Number: _____

Signs Overview

Prevent injuries and reduce downtime with E-Z-Code® safety and compliance signs

Industry Standards

ASME (ANSI Z535) and OSHA 1910.145 require the use of safety and compliance signs to indicate hazards that may lead to accidents, injury and property damage. E-Z-Code® signs comply with all current OSHA and ANSI standards and will help you create a safer workplace for both employees and visitors.

Guide to Label Headers

△ DANGER — **DANGER** indicates an immediate hazard with a strong potential for death or severe injury

△ CAUTION — **CAUTION** warns against potential hazards or unsafe practices

NOTICE — **NOTICE** provides general information to prevent confusion

SAFETY FIRST — **SAFETY FIRST** offers information about health, housekeeping and general safety

Materials

Self-Sticking (SS)

- Made from pressure-sensitive vinyl with permanent acrylic adhesive
- Indoor and outdoor applications
- Temperature range of -40°C to 82°C (-40°F to 180°F)
- 2- to 3-year durability

Scored Liner Paper

Square Corners

Simple Peel-and-Press Acrylic Adhesive

Plastic (PL)

- Made from durable linear polyethylene
- Fade- and crack-resistant
- Indoor and outdoor applications
- Temperature range of -23°C to 80°C (-10°F to 176°F)
- 5- to 8-year durability

1/8 in. Drilled Mounting Holes

1/2 in. Radius Rounded Corners

0.055 in. Thick Plastic

Aluminum (AL)

- Made from aluminum with baked finish and screen-printed graphics
- Indoor and outdoor applications
- 8- to 10-year durability

1/8 in. Drilled Mounting Holes

1/2 in. Radius Rounded Corners

0.032 in. Thick Plastic

Sizes

- Most signs available in your choice of 7 in. x 10 in. or 10 in. x 14 in. sizes
- Bilingual English/Spanish signs available in larger 10 in. x 14 in. size only

Thomas&Betts

www.tnb.ca

Electrical Protection Signs

Avoid potential catastrophes by clearly marking hazard areas

⚠ DANGER CABLE BURIED HERE

Cat. No.	Description	Sign Size
SS-1181-710	Self-Sticking	7 in. x 10 in.
SS-1181-1014		10 in. x 14 in.
PL-1181-710	Plastic	7 in. x 10 in.
PL-1181-1014		10 in. x 14 in.
AL-1181-710	Aluminum	7 in. x 10 in.
AL-1181-1014		10 in. x 14 in.

⚠ DANGER ELECTRICAL HAZARD KEEP OUT

Cat. No.	Description	Sign Size
SS-1182-710	Self-Sticking	7 in. x 10 in.
SS-1182-1014		10 in. x 14 in.
PL-1182-710	Plastic	7 in. x 10 in.
PL-1182-1014		10 in. x 14 in.
AL-1182-710	Aluminum	7 in. x 10 in.
AL-1182-1014		10 in. x 14 in.

⚠ DANGER HIGH VOLTAGE

Cat. No.	Description	Sign Size
SS-1184-710	Self-Sticking	7 in. x 10 in.
SS-1184-1014		10 in. x 14 in.
PL-1184-710	Plastic	7 in. x 10 in.
PL-1184-1014		10 in. x 14 in.
AL-1184-710	Aluminum	7 in. x 10 in.
AL-1184-1014		10 in. x 14 in.

⚠ DANGER HIGH VOLTAGE AUTHORIZED PERSONNEL ONLY

Cat. No.	Description	Sign Size
SS-1186-710	Self-Sticking	7 in. x 10 in.
SS-1186-1014		10 in. x 14 in.
PL-1186-710	Plastic	7 in. x 10 in.
PL-1186-1014		10 in. x 14 in.
AL-1186-710	Aluminum	7 in. x 10 in.
AL-1186-1014		10 in. x 14 in.

⚠ DANGER HIGH VOLTAGE KEEP AWAY

Cat. No.	Description	Sign Size
SS-1187-710	Self-Sticking	7 in. x 10 in.
SS-1187-1014		10 in. x 14 in.
PL-1187-710	Plastic	7 in. x 10 in.
PL-1187-1014		10 in. x 14 in.
AL-1187-710	Aluminum	7 in. x 10 in.
AL-1187-1014		10 in. x 14 in.

⚠ DANGER HIGH VOLTAGE KEEP OUT

Cat. No.	Description	Sign Size
SS-1188-710	Self-Sticking	7 in. x 10 in.
SS-1188-1014		10 in. x 14 in.
PL-1188-710	Plastic	7 in. x 10 in.
PL-1188-1014		10 in. x 14 in.
AL-1188-710	Aluminum	7 in. x 10 in.
AL-1188-1014		10 in. x 14 in.

⚠ DANGER ____ VOLTS

Cat. No.	Description	Sign Size
SS-1189-710	Self-Sticking	7 in. x 10 in.
SS-1189-1014		10 in. x 14 in.
PL-1189-710	Plastic	7 in. x 10 in.
PL-1189-1014		10 in. x 14 in.
AL-1189-710	Aluminum	7 in. x 10 in.
AL-1189-1014		10 in. x 14 in.

⚠ DANGER USE LOCKOUT AND TAG BEFORE ANY MAINTENANCE

Cat. No.	Description	Sign Size
SS-1190-710	Self-Sticking	7 in. x 10 in.
SS-1190-1014		10 in. x 14 in.
PL-1190-710	Plastic	7 in. x 10 in.
PL-1190-1014		10 in. x 14 in.
AL-1190-710	Aluminum	7 in. x 10 in.
AL-1190-1014		10 in. x 14 in.

⚠ DANGER ELECTRIC METER ROOM NO STORAGE

Cat. No.	Description	Sign Size
SS-1191-710	Self-Sticking	7 in. x 10 in.
SS-1191-1014		10 in. x 14 in.
PL-1191-710	Plastic	7 in. x 10 in.
PL-1191-1014		10 in. x 14 in.
AL-1191-710	Aluminum	7 in. x 10 in.
AL-1191-1014		10 in. x 14 in.

Order in multiples of 1 sign.

Electrical Protection Signs

NOTICE

NO STORAGE PERMITTED ELECTRICAL CLOSET

Cat. No.	Description	Sign Size
SS-1198-710	Self-Sticking	7 in. x 10 in.
SS-1198-1014		10 in. x 14 in.
PL-1198-710	Plastic	7 in. x 10 in.
PL-1198-1014		10 in. x 14 in.
AL-1198-710	Aluminum	7 in. x 10 in.
AL-1198-1014		10 in. x 14 in.

⚠ CAUTION

HIGH VOLTAGE
DO NOT ENTER THIS ENCLOSURE

Cat. No.	Description	Sign Size
SS-1200-710	Self-Sticking	7 in. x 10 in.
SS-1200-1014		10 in. x 14 in.
PL-1200-710	Plastic	7 in. x 10 in.
PL-1200-1014		10 in. x 14 in.
AL-1200-710	Aluminum	7 in. x 10 in.
AL-1200-1014		10 in. x 14 in.

⚠ CAUTION

AREA IN FRONT OF THIS ELECTRICAL PANEL MUST BE KEPT CLEAR FOR 36 INCHES OSHA-NEC REGULATIONS

Cat. No.	Description	Sign Size
SS-1201-710	Self-Sticking	7 in. x 10 in.
SS-1201-1014		10 in. x 14 in.
PL-1201-710	Plastic	7 in. x 10 in.
PL-1201-1014		10 in. x 14 in.
AL-1201-710	Aluminum	7 in. x 10 in.
AL-1201-1014		10 in. x 14 in.

⚠ DANGER

HIGH VOLTAGE WITHIN KEEP OUT

Cat. No.	Description	Sign Size
SS-6095-710	Self-Sticking	7 in. x 10 in.
SS-6095-1014		10 in. x 14 in.
PL-6095-710	Plastic	7 in. x 10 in.
PL-6095-1014		10 in. x 14 in.
AL-6095-710	Aluminum	7 in. x 10 in.
AL-6095-1014		10 in. x 14 in.

⚠ DANGER

ELECTRICAL EQUIPMENT AUTHORIZED PERSONNEL ONLY

Cat. No.	Description	Sign Size
SS-6096-710	Self-Sticking	7 in. x 10 in.
SS-6096-1014		10 in. x 14 in.
PL-6096-710	Plastic	7 in. x 10 in.
PL-6096-1014		10 in. x 14 in.
AL-6096-710	Aluminum	7 in. x 10 in.
AL-6096-1014		10 in. x 14 in.

⚠ DANGER

HIGH VOLTAGE ABOVE

Cat. No.	Description	Sign Size
SS-6097-710	Self-Sticking	7 in. x 10 in.
SS-6097-1014		10 in. x 14 in.
PL-6097-710	Plastic	7 in. x 10 in.
PL-6097-1014		10 in. x 14 in.
AL-6097-710	Aluminum	7 in. x 10 in.
AL-6097-1014		10 in. x 14 in.

Order in multiples of 1 sign.

Operational Machine and Safety Signs

Keep your machine shop, factory floor or construction site safe by posting these signs

NEW !

⚠ DANGER
KEEP HANDS AWAY FROM MOVING EQUIPMENT

Cat. No.	Description	Sign Size
SS-1353-710	Self-Sticking	7 in. x 10 in.
SS-1353-1014		10 in. x 14 in.
PL-1353-710	Plastic	7 in. x 10 in.
PL-1353-1014		10 in. x 14 in.
AL-1353-710	Aluminum	7 in. x 10 in.
AL-1353-1014		10 in. x 14 in.

⚠ DANGER
KEEP HANDS CLEAR

Cat. No.	Description	Sign Size
SS-1354-710	Self-Sticking	7 in. x 10 in.
SS-1354-1014		10 in. x 14 in.
PL-1354-710	Plastic	7 in. x 10 in.
PL-1354-1014		10 in. x 14 in.
AL-1354-710	Aluminum	7 in. x 10 in.
AL-1354-1014		10 in. x 14 in.

⚠ DANGER
MOVING MACHINERY

Cat. No.	Description	Sign Size
SS-1355-710	Self-Sticking	7 in. x 10 in.
SS-1355-1014		10 in. x 14 in.
PL-1355-710	Plastic	7 in. x 10 in.
PL-1355-1014		10 in. x 14 in.
AL-1355-710	Aluminum	7 in. x 10 in.
AL-1355-1014		10 in. x 14 in.

⚠ DANGER
PROTECTIVE CLOTHING REQUIRED

Cat. No.	Description	Sign Size
SS-1357-710	Self-Sticking	7 in. x 10 in.
SS-1357-1014		10 in. x 14 in.
PL-1357-710	Plastic	7 in. x 10 in.
PL-1357-1014		10 in. x 14 in.
AL-1357-710	Aluminum	7 in. x 10 in.
AL-1357-1014		10 in. x 14 in.

⚠ DANGER
THIS UNIT STARTS AUTOMATICALLY

Cat. No.	Description	Sign Size
SS-1358-710	Self-Sticking	7 in. x 10 in.
SS-1358-1014		10 in. x 14 in.
PL-1358-710	Plastic	7 in. x 10 in.
PL-1358-1014		10 in. x 14 in.
AL-1358-710	Aluminum	7 in. x 10 in.
AL-1358-1014		10 in. x 14 in.

⚠ CAUTION
DO NOT OPERATE WITHOUT GUARDS

Cat. No.	Description	Sign Size
SS-6020-710	Self-Sticking	7 in. x 10 in.
SS-6020-1014		10 in. x 14 in.
PL-6020-710	Plastic	7 in. x 10 in.
PL-6020-1014		10 in. x 14 in.
AL-6020-710	Aluminum	7 in. x 10 in.
AL-6020-1014		10 in. x 14 in.

⚠ CAUTION
EYE PROTECTION REQUIRED SAFETY GLASSES

Cat. No.	Description	Sign Size
SS-6022-710	Self-Sticking	7 in. x 10 in.
SS-6022-1014		10 in. x 14 in.
PL-6022-710	Plastic	7 in. x 10 in.
PL-6022-1014		10 in. x 14 in.
AL-6022-710	Aluminum	7 in. x 10 in.
AL-6022-1014		10 in. x 14 in.

⚠ CAUTION
KEEP HANDS OFF

Cat. No.	Description	Sign Size
SS-6623-710	Self-Sticking	7 in. x 10 in.
SS-6623-1014		10 in. x 14 in.
PL-6623-710	Plastic	7 in. x 10 in.
PL-6623-1014		10 in. x 14 in.
AL-6623-710	Aluminum	7 in. x 10 in.
AL-6623-1014		10 in. x 14 in.

⚠ CAUTION
LOW OVERHEAD CLEARANCE

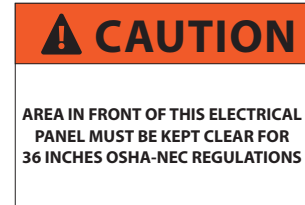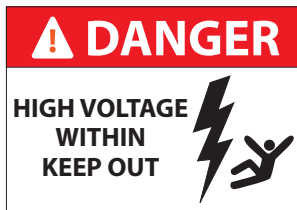| Cat. No.	Description	Sign Size
SS-6624-710	Self-Sticking	7 in. x 10 in.
SS-6624-1014		10 in. x 14 in.
PL-6624-710	Plastic	7 in. x 10 in.
PL-6624-1014		10 in. x 14 in.
AL-6624-710	Aluminum	7 in. x 10 in.
AL-6624-1014		10 in. x 14 in.

Order in multiples of 1 sign.

Operational Machine and Safety Signs

⚠ CAUTION
**HOT
KEEP AWAY**

Cat. No.	Description	Sign Size
SS-6032-710	Self-Sticking	7 in. x 10 in.
SS-6032-1014		10 in. x 14 in.
PL-6032-710	Plastic	7 in. x 10 in.
PL-6032-1014		10 in. x 14 in.
AL-6032-710	Aluminum	7 in. x 10 in.
AL-6032-1014		10 in. x 14 in.

⚠ CAUTION
**OVERHEAD
WORK**

Cat. No.	Description	Sign Size
SS-6038-710	Self-Sticking	7 in. x 10 in.
SS-6038-1014		10 in. x 14 in.
PL-6038-710	Plastic	7 in. x 10 in.
PL-6038-1014		10 in. x 14 in.
AL-6038-710	Aluminum	7 in. x 10 in.
AL-6038-1014		10 in. x 14 in.

⚠ DANGER
**DO NOT START
THIS MACHINE**

Cat. No.	Description	Sign Size
SS-6041-710	Self-Sticking	7 in. x 10 in.
SS-6041-1014		10 in. x 14 in.
PL-6041-710	Plastic	7 in. x 10 in.
PL-6041-1014		10 in. x 14 in.
AL-6041-710	Aluminum	7 in. x 10 in.
AL-6041-1014		10 in. x 14 in.

⚠ CAUTION
**TURN MACHINE
OFF
WHEN NOT IN USE**

Cat. No.	Description	Sign Size
SS-6042-710	Self-Sticking	7 in. x 10 in.
SS-6042-1014		10 in. x 14 in.
PL-6042-710	Plastic	7 in. x 10 in.
PL-6042-1014		10 in. x 14 in.
AL-6042-710	Aluminum	7 in. x 10 in.
AL-6042-1014		10 in. x 14 in.

⚠ CAUTION
**WEAR GOGGLES
OR FACE SHIELD**
WHILE OPERATING THIS MACHINE

Cat. No.	Description	Sign Size
SS-6045-710	Self-Sticking	7 in. x 10 in.
SS-6045-1014		10 in. x 14 in.
PL-6045-710	Plastic	7 in. x 10 in.
PL-6045-1014		10 in. x 14 in.
AL-6045-710	Aluminum	7 in. x 10 in.
AL-6045-1014		10 in. x 14 in.

⚠ DANGER
**EYE AND EAR PROTECTION
REQUIRED
WHILE OPERATING
THIS EQUIPMENT**

Cat. No.	Description	Sign Size
SS-6052-710	Self-Sticking	7 in. x 10 in.
SS-6052-1014		10 in. x 14 in.
PL-6052-710	Plastic	7 in. x 10 in.
PL-6052-1014		10 in. x 14 in.
AL-6052-710	Aluminum	7 in. x 10 in.
AL-6052-1014		10 in. x 14 in.

⚠ DANGER
**OPERATION BY
AUTHORIZED
PERSONNEL ONLY**

Cat. No.	Description	Sign Size
SS-6061-710	Self-Sticking	7 in. x 10 in.
SS-6061-1014		10 in. x 14 in.
PL-6061-710	Plastic	7 in. x 10 in.
PL-6061-1014		10 in. x 14 in.
AL-6061-710	Aluminum	7 in. x 10 in.
AL-6061-1014		10 in. x 14 in.

NOTICE
**MAIN POWER
CUT OFF**

Cat. No.	Description	Sign Size
SS-6072-710	Self-Sticking	7 in. x 10 in.
SS-6072-1014		10 in. x 14 in.
PL-6072-710	Plastic	7 in. x 10 in.
PL-6072-1014		10 in. x 14 in.
AL-6072-710	Aluminum	7 in. x 10 in.
AL-6072-1014		10 in. x 14 in.

SAFETY FIRST
**KEEP HANDS
OUT OF MOVING
MACHINERY**

Cat. No.	Description	Sign Size
SS-6073-710	Self-Sticking	7 in. x 10 in.
SS-6073-1014		10 in. x 14 in.
PL-6073-710	Plastic	7 in. x 10 in.
PL-6073-1014		10 in. x 14 in.
AL-6073-710	Aluminum	7 in. x 10 in.
AL-6073-1014		10 in. x 14 in.

Order in multiples of 1 sign.

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Personal Protection Signs

Cover up for protection — these signs warn people to safeguard their head, eyes and ears

⚠ DANGER
HARD HAT AREA

Cat. No.	Description	Sign Size
SS-1141-710	Self-Sticking	7 in. x 10 in.
SS-1141-1014		10 in. x 14 in.
PL-1141-710	Plastic	7 in. x 10 in.
PL-1141-1014		10 in. x 14 in.
AL-1141-710	Aluminum	7 in. x 10 in.
AL-1141-1014		10 in. x 14 in.

⚠ DANGER
HAZARDOUS AREA

Cat. No.	Description	Sign Size
SS-1142-710	Self-Sticking	7 in. x 10 in.
SS-1142-1014		10 in. x 14 in.
PL-1142-710	Plastic	7 in. x 10 in.
PL-1142-1014		10 in. x 14 in.
AL-1142-710	Aluminum	7 in. x 10 in.
AL-1142-1014		10 in. x 14 in.

⚠ DANGER
HARD HATS REQUIRED BEYOND THIS POINT

Cat. No.	Description	Sign Size
SS-1143-710	Self-Sticking	7 in. x 10 in.
SS-1143-1014		10 in. x 14 in.
PL-1143-710	Plastic	7 in. x 10 in.
PL-1143-1014		10 in. x 14 in.
AL-1143-710	Aluminum	7 in. x 10 in.
AL-1143-1014		10 in. x 14 in.

NOTICE
HARD HATS REQUIRED IN THIS AREA

Cat. No.	Description	Sign Size
SS-1147-710	Self-Sticking	7 in. x 10 in.
SS-1147-1014		10 in. x 14 in.
PL-1147-710	Plastic	7 in. x 10 in.
PL-1147-1014		10 in. x 14 in.
AL-1147-710	Aluminum	7 in. x 10 in.
AL-1147-1014		10 in. x 14 in.

⚠ CAUTION
EAR PROTECTION REQUIRED

Cat. No.	Description	Sign Size
SS-1151-710	Self-Sticking	7 in. x 10 in.
SS-1151-1014		10 in. x 14 in.
PL-1151-710	Plastic	7 in. x 10 in.
PL-1151-1014		10 in. x 14 in.
AL-1151-710	Aluminum	7 in. x 10 in.
AL-1151-1014		10 in. x 14 in.

⚠ DANGER
EAR PROTECTION REQUIRED BEYOND THIS POINT

Cat. No.	Description	Sign Size
SS-1155-710	Self-Sticking	7 in. x 10 in.
SS-1155-1014		10 in. x 14 in.
PL-1155-710	Plastic	7 in. x 10 in.
PL-1155-1014		10 in. x 14 in.
AL-1155-710	Aluminum	7 in. x 10 in.
AL-1155-1014		10 in. x 14 in.

NOTICE
EAR PROTECTION REQUIRED BEYOND THIS POINT

Cat. No.	Description	Sign Size
SS-1157-710	Self-Sticking	7 in. x 10 in.
SS-1157-1014		10 in. x 14 in.
PL-1157-710	Plastic	7 in. x 10 in.
PL-1157-1014		10 in. x 14 in.
AL-1157-710	Aluminum	7 in. x 10 in.
AL-1157-1014		10 in. x 14 in.

⚠ CAUTION
EYE PROTECTION REQUIRED

Cat. No.	Description	Sign Size
SS-1164-710	Self-Sticking	7 in. x 10 in.
SS-1164-1014		10 in. x 14 in.
PL-1164-710	Plastic	7 in. x 10 in.
PL-1164-1014		10 in. x 14 in.
AL-1164-710	Aluminum	7 in. x 10 in.
AL-1164-1014		10 in. x 14 in.

⚠ DANGER
SAFETY GLASSES REQUIRED

Cat. No.	Description	Sign Size
SS-1171-710	Self-Sticking	7 in. x 10 in.
SS-1171-1014		10 in. x 14 in.
PL-1171-710	Plastic	7 in. x 10 in.
PL-1171-1014		10 in. x 14 in.
AL-1171-710	Aluminum	7 in. x 10 in.
AL-1171-1014		10 in. x 14 in.

NOTICE
EYE PROTECTION REQUIRED BEYOND THIS POINT

Cat. No.	Description	Sign Size
SS-1173-710	Self-Sticking	7 in. x 10 in.
SS-1173-1014		10 in. x 14 in.
PL-1173-710	Plastic	7 in. x 10 in.
PL-1173-1014		10 in. x 14 in.
AL-1173-710	Aluminum	7 in. x 10 in.
AL-1173-1014		10 in. x 14 in.

NOTICE
SAFETY GLASSES REQUIRED

Cat. No.	Description	Sign Size
SS-1174-710	Self-Sticking	7 in. x 10 in.
SS-1174-1014		10 in. x 14 in.
PL-1174-710	Plastic	7 in. x 10 in.
PL-1174-1014		10 in. x 14 in.
AL-1174-710	Aluminum	7 in. x 10 in.
AL-1174-1014		10 in. x 14 in.

Order in multiples of 1 sign.

Maintenance and Safety Signs

Standard safety signs that will help keep people on their feet

NEW !

⚠ **CAUTION**

**KEEP
AREA
CLEAR**

Cat. No.	Description	Sign Size
SS-1293-710	Self-Sticking	7 in. x 10 in.
SS-1293-1014		10 in. x 14 in.
PL-1293-710	Plastic	7 in. x 10 in.
PL-1293-1014		10 in. x 14 in.
AL-1293-710	Aluminum	7 in. x 10 in.
AL-1293-1014		10 in. x 14 in.

⚠ **CAUTION**

**SLIPPERY WHEN
WET**

Cat. No.	Description	Sign Size
SS-1294-710	Self-Sticking	7 in. x 10 in.
SS-1294-1014		10 in. x 14 in.
PL-1294-710	Plastic	7 in. x 10 in.
PL-1294-1014		10 in. x 14 in.
AL-1294-710	Aluminum	7 in. x 10 in.
AL-1294-1014		10 in. x 14 in.

⚠ **CAUTION**

**WATCH
YOUR STEP**

Cat. No.	Description	Sign Size
SS-1298-710	Self-Sticking	7 in. x 10 in.
SS-1298-1014		10 in. x 14 in.
PL-1298-710	Plastic	7 in. x 10 in.
PL-1298-1014		10 in. x 14 in.
AL-1298-710	Aluminum	7 in. x 10 in.
AL-1298-1014		10 in. x 14 in.

Order in multiples of 1 sign.

Maintenance and Safety Signs

Standard safety signs that will help keep people on their feet

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NOTICE

PROTECTIVE CLOTHING REQUIRED IN THIS AREA

Cat. No.	Description	Sign Size
SS-1307-710	Self-Sticking	7 in. x 10 in.
SS-1307-1014		10 in. x 14 in.
PL-1307-710	Plastic	7 in. x 10 in.
PL-1307-1014		10 in. x 14 in.
AL-1307-710	Aluminum	7 in. x 10 in.
AL-1307-1014		10 in. x 14 in.

NOTICE

KEEP THIS AREA CLEAR

Cat. No.	Description	Sign Size
SS-1304-710	Self-Sticking	7 in. x 10 in.
SS-1304-1014		10 in. x 14 in.
PL-1304-710	Plastic	7 in. x 10 in.
PL-1304-1014		10 in. x 14 in.
AL-1304-710	Aluminum	7 in. x 10 in.
AL-1304-1014		10 in. x 14 in.

SAFETY FIRST

KEEP AISLES CLEAR

Cat. No.	Description	Sign Size
SS-1312-710	Self-Sticking	7 in. x 10 in.
SS-1312-1014		10 in. x 14 in.
PL-1312-710	Plastic	7 in. x 10 in.
PL-1312-1014		10 in. x 14 in.
AL-1312-710	Aluminum	7 in. x 10 in.
AL-1312-1014		10 in. x 14 in.

NOTICE

NO FOOD OR DRINK BEYOND THIS POINT

Cat. No.	Description	Sign Size
SS-6199-710	Self-Sticking	7 in. x 10 in.
SS-6199-1014		10 in. x 14 in.
PL-6199-710	Plastic	7 in. x 10 in.
PL-6199-1014		10 in. x 14 in.
AL-6199-710	Aluminum	7 in. x 10 in.
AL-6199-1014		10 in. x 14 in.

Order in multiples of 1 sign.

Visual Warning Tapes Overview

E-Z-Code® Visual Warning Tapes make identification and warning easier

Colour-Coded Vinyl I.D. Tapes

- Use to indicate traffic patterns or identify equipment

- Made from self-sticking vinyl

- Available in 4 widths and 11 colours

- For more information, see **p. E57**

Barricade Tapes

- Suitable for indoor or outdoor use

- Available with a variety of CAUTION legends on yellow tape or DANGER on red and white striped tape

- For more information, see **p. E59, E60**

Buried Utility Tapes

- Warn equipment operators that a utility cable or pipe is buried below — before damage occurs

- Designed for direct burial 12 in. to 18 in. below ground surface, directly above cable or pipe

- Legends for electric, water, telephone, gas, sewer, high voltage and fiber optic lines

- Black printing on bright, fade-resistant coloured backgrounds

- Available in 3 in. and 6 in. widths

- For more information, see **p. E59, E60**

Detectable Buried Utility Tapes

- Use to identify buried lines so that you can easily find them in the future

- Metallic-backed tape, when buried up to 18 in. below ground, can be detected by common metal detectors

- Legends for electric, water, telephone, gas, oil, sewer, high voltage, cable TV and fiber optic lines

- Black printing on bright coloured background

- Available in 3 in. and 6 in. widths

- For more information, see **p. E60**

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Colour-Coded I.D. Tapes, Floor Tapes

Save time and money over painting!

Colour-Coded Vinyl I.D. Tape

- Effectively warns or identifies equipment, traffic and housekeeping items

- Choose from different widths

- Many colours available

1 in. Wide Cat. No.	2 in. Wide Cat. No.	3 in. Wide Cat. No.	4 in. Wide Cat. No.	Colour
AA-1121	BA-1121	CA-1121	NA-1121	Silver
AA-1122	BA-1122	CA-1122	NA-1122	Black
AA-1123	BA-1123	CA-1123	NA-1123	Blue
AA-1124	BA-1124	CA-1124	NA-1124	Brown
AA-1125	BA-1125	CA-1125	NA-1125	Green
AA-1126	BA-1126	CA-1126	NA-1126	Orange
AA-1127	BA-1127	CA-1127	NA-1127	Purple
AA-1128	BA-1128	CA-1128	NA-1128	Red
AA-1129	BA-1129	CA-1129	NA-1129	White
AA-1130	BA-1130	CA-1130	NA-1130	Yellow
AA-1131	BA-1131	CA-1131	NA-1131	Clear

60 yards per roll.

Reflective Roll Tape

2 in. Wide Cat. No.	3 in. Wide Cat. No.	4 in. Wide Cat. No.	Colour
AZ-3108	BZ-3108	CZ-3108	Black & Yellow Stripe
AZ-3110	BZ-3110	CZ-3110	Red & White Stripe

5 yards per roll.

Colour-Coded I.D. Tapes, Floor Tapes

Save time and money over painting!

Self-Sticking Vinyl Cloth Tape

2 in. Wide Cat. No.	3 in. Wide Cat. No.	4 in. Wide Cat. No.	Colour
AZ-1100	BZ-1100	CZ-1100	Black & Yellow Stripe
AZ-1102	BZ-1102	CZ-1102	Red & White Stripe
AZ-1303	BZ-1303	CZ-1303	Magenta & Yellow Stripe & Radiation Symbol

30 yards per roll.

Laminated Vinyl Tape

2 in. Wide Cat. No.	3 in. Wide Cat. No.	4 in. Wide Cat. No.	Colour
AZ-2104	BZ-2104	CZ-2104	Black & Yellow Stripe
AZ-2106	BZ-2106	CZ-2106	Red & White Stripe

18 yards per roll.

2-Sided Foam Mounting Tape

Cat. No.	Description
NA-0365	2-Sided Foam Mounting Tape

9 yards per roll.

Barricade and Burial Tapes

Mark off hazardous or off-limit areas quickly and easily!

Protect-A-Line™ Barricade and Burial Tapes

Cat. No.	Description	Colour
Surveyors Tape 1-1/2 in. x 1,000 ft.		
NA-0200	No Legend, No Printing	Yellow
NA-0201		Red
NA-0202		Green
NA-0203		Blue
NA-0204		Orange
Barricade Tape 3 in. x 1,000 ft.		
NA-0250	Caution	Yellow
NA-0253	Caution Construction Area	
NA-0254	Caution Do Not Enter	
NA-0256	Caution Hard Hat Area	
NA-0257	Caution High Voltage	
NA-0258	Caution Men Working	
NA-0261	Caution Open Trench	
NA-0267	Danger, on Stripes	Red & White

Barricade Tape
- Inexpensive and easy to handle
- Convenient and reusable
- For indoor and outdoor use

Cat. No.	Description	Colour
Buried Utility Tape 3 in. x 1,000 ft.		
NA-0600	Electric Line	Red
NA-0608		Yellow
NA-0601	Water Line	Blue
NA-0602	Telephone Line	Orange
NA-0603	Gas Line	Yellow
NA-0605	Sewer Line	Green
NA-0606	High Voltage Line	Red
NA-0609	Fiber Optic Cable	Orange
Buried Utility Tape 6 in. x 1,000 ft.		
NA-0700	Electric Line	Red
NA-0708		Yellow
NA-0701	Water Line	Blue
NA-0702	Telephone Line	Orange
NA-0703	Gas Line	Yellow
NA-0706	High Voltage Line	Red
NA-0709	Fiber Optic Cable	Orange

Buried Utility Tape
- Protect against costly utility dig-ins
- Place 1 to 1-1/2 feet below the ground surface directly above pipeline or cable below
- Bright, fade-resistant colours warn equipment operators that a vital pipeline or cable is buried below, before damage occurs
- Black text on a bright background

NOTE: All barricade and utility tapes are 4 MIL polyethylene and are not self sticking. All legends are printed in black. Standard package is 1 roll.

Barricade and Burial Tapes

Foil-Backed Detectable Buried Utility Tape

- Features a metallic backing designed to be detectable under normal earthen surfaces up to 18 in. with common metal detectors
- Simple and fast method for relocating lines, cables and conduit for future renovation
- Black text on a bright background

Protect-A-Line™ Barricade and Burial Tapes (cont'd)

Cat. No.	Description	Colour
Foil-Backed Detectable Buried Utility Tape 3 in. x 1,000 ft.		
NAF-0600	Electric Line	Red
NAF-0608		Yellow
NAF-0601	Water Line	Blue
NAF-0602	Telephone Line	Orange
NAF-0603	Gas Line	Yellow
NAF-0604	Oil Line	Yellow
NAF-0605	Sewer Line	Green
NAF-0606	High Voltage Line	Red
NAF-0607	Cable TV Line	Orange
NAF-0609	Fiber Optic Cable	
Foil-Backed Detectable Buried Utility Tape 6 in. x 1,000 ft.		
NAF-0700	Electric Line	Red
NAF-0708		Yellow
NAF-0701	Water Line	Blue
NAF-0702	Telephone Line	Orange
NAF-0703	Gas Line	Yellow
NAF-0704	Oil Line	Yellow
NAF-0705	Sewer Line	Green
NAF-0706	High Voltage Line	Red
NAF-0707	Cable TV Line	Orange
NAF-0709	Fiber Optic Cable	

NOTE: All barricade and utility tapes are 4 MIL polyethylene and are not self sticking. All legends are printed in black. Standard package is 1 roll.

Identification Tape

Foam mounting tape — 2-sided

Cat. No.	Description
NA-0365	2-sided foam mounting tape

Length per roll: 9 yards.

Warning tape for direct buried lines

Cat. No.	Description		Colour	Weight per 100
	Width (in.)	Length (ft.)		
RT3	3		Red	500
RT6	6			1000
YT3	3	1000	Yellow	500
YT6	6			1000
YT3BL	3			500
YT6BL	6			1000

MTX-MK9-USB

What is ProMark?

- USB 2.0 connection
- Backlit screen
- Produces up to one marker a second

The Partex ProMark concept consists of small, portable marking machines that solve most smaller marking needs.

ProMark should be seen as your own small marker factory that enables fast and cost effective complementary marking.

MTX-MK9-USB

- Portable printer for complementary marking and production of smaller series of markers
- "A small marker factory" that writes cable, wire, component and terminal block markers
- Uses ink ribbons for printing and is close to maintenance free
- High wear resistance on print
- Printer is controlled by a computer or by its own keyboard (excellent when producing single markers or short numerical series)

WinSign Software

- Lets you control the whole printing process i.e. boldness of print, length of the marker, printing speed, text size, etc.
- Pre-programmed default values get you ready in no time
- Easy to import files from Excel. Just copy and paste
- Database function for easy saves and loadings of files and projects
- Number generator function

Thomas&Betts

MTX-MK9-USB

∙∙

ProMark

MTX-MK9-USB PRINTER

- Compact, portable printer for cable, wire and component marking on site

- Feeds, prints and cuts bulk Partex profiles and self adhesive labels

- Stores and imports marker files with a USB-PC connection, or by USB memory

- Choose between English, German or French language for printer display

- A cost effective identification system for use in panel building and electrical installations

Facts

Thermotransfer printing
300 dpi print resolution
Printing speed
35.0 mm/s in standard mode
20.0 mm/s in low temperature mode
Text heights
2, 3, 4 or 6 mm
Maximum rows that can be printed
1 or 2 row in tube mode and 1 to 3 rows in tape mode
PC connection
USB 2.0 connection and WinSign software or
USB memory and WinSign software
Power
AC adapter 100 ~ 240V (50-60Hz)
Power consumption: 20W
CE Certified
Measurements
(L x W x H) 290 x 300 x 95
Weight
2 kg
Temperature range
Operating temperature: +10ºC to 35ºC
Storage temperature: 0ºC to +40ºC
To obtain the best printing results, the
temperature of the profile should not be lower
then +25ºC

General information

Design
A third generation printer the ProMark MTX-MK9-USB is a flexible thermal transfer printer, ideal for fast, on site complementary work. The marking machine is equipped with a USB 2.0 connection to a PC for fast transfer of marking files. It is also possible to save/load marker files on a USB memory.

The MTX-MK9-USB has several librairies of symbols that can be imported onto the markers. It is equipped with an international keyboard; therefore you have to import unique European letters from a library of European letters.

Features
High production speed
Backlit display
Extended memory
USB 2.0 connection
Partex WinSign 5.5 software is included

MTX-MK9-USB

Improvements to the MTX-MK9-USB!

PO profile

Shrink tubing

PP profile

PO-068Q

- USB 2.0 direct PC connection

- Flash drive is replaced with USB memory

- The screen has higher resolution and is backlit

- Higher production speed, both in low temperature and standard mode

- Extended internal memory

- Smoother more quiet feed of profiles

- No guiding cassette needed to print on PO-068 profile

- Writes on PO-068Q - a profile with pre-punched holes for fast and reliable cable marking

- Use together with a DN reel when producing smaller series for cost effective marker production

- Compatible with a new, updated version of Partex WinSign software

PO profiles on compactadisc

PO profiles on DN-reel

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MTX-MK9-USB

The ProMark MK9 System Concept

MTX-MK9-USB

Easy loading of ribbon into ribbon holder. 50 meter black ribbon and 30 meter white ribbon.

Cutting and printing unit.

The MTX-MK9-USB is delivered in a case with room for manuals, AC adapter and other accessories.

MTX-MK9-USB prints profiles on DN reels.

Printing on PO profiles.

MTX-MK9-USB
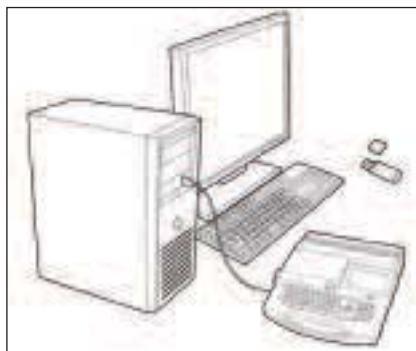
Transfer data files with marking information between the PC and the printer by using the USB 2.0 PC/printer connection or a USB memory.
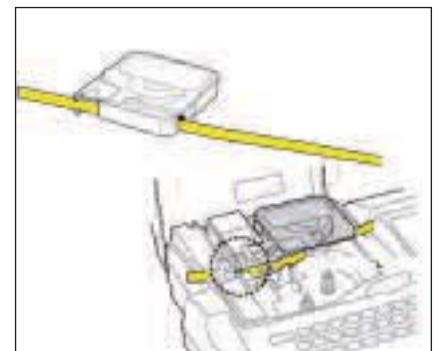
Profile guide cassette for profiles such as PP-046.

MTX-MK9-USB

Applications

PP profile on compactadisc

Tape cassette

PP profile inside PTC sleeve

PP profile

PP profile inside PT+ sleeves

PO-068Q profile for cable marking

Compactadisc with PO profiles

PO-068TW for cable marking on SMOH

PO profiles on DN reel

PP profiles mounted on terminal block

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MTX-MK9-USB

Product and Ordering Information

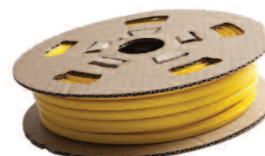| Cat. No.	Information	Pack unit (MOQ)
Printer and accessories		
MTX-MK9-USB	MTX-MK9-USB includes: Carrying case, power cord, MTX-MK9-RC software and quick start guide	1 pce
MTX-MK9-CU-YW	Cutting unit (yellow) for MK9-USB	2 pcs
MTX-MK9-RB	Black ribbon 50 m	5 pcs (250 m)
MTX-MK9-RW	White ribbon 30 m	5 pcs (250 m)
MTX-MK9-RC	Ribbon cassette holder	1 pce
MTX-MK9-CAS46	Profile guide cassette for PP-046	1 pce
MTX-MK9-CAS63	Profile guide cassette for PP-063	1 pce
MTX-MK9-CAS90	Profile guide cassette for PP-090 and PPA-090	1 pce
MTX-MK9-RS	Reel stand	1 pce
Tape cassettes		
MK9-PL050CN4	Tape cassette 5 mm x 8 m, yellow	1 pce
MK9-PL050CN9	Tape cassette 5 mm x 8 m, White	1 pce
MK9-PL050CNT	Tape cassette 5 mm x 8 m, transparent	1 pce
MK9-PL090CN4	Tape cassette 9 mm x 8 m, yellow	1 pce
MK9-PL090CN9	Tape cassette 9 mm x 8 m, white	1 pce
MK9-PL090CNT	Tape cassette 9 mm x 8 m, transparent	1 pce
MK9-PL120CN4	Tape cassette 12 mm x 8 m, yellow	1 pce
MK9-PL120CN9	Tape cassette 12 mm x 8 m, white	1 pce
PO Profile		
PO-02000SNØ	PO-profile 0,5 mm². Diam 1,7-2,2 mm	5,0 m / Compactadisc
PO-02000DNØ	PO-profile 0,5mm². Diam 1,7-2,2 mm	60,0 m / DN-reel
PO-03000SNØ	PO-profile 0,75 mm² Diam 2,0-2,5 mm	4,5 m / Compactadisc
PO-03000DNØ	PO-profile 0,75 mm² Diam 2,0-2,5 mm	50,0 m / DN-reel
PO-04000SNØ	PO-profile 1,0 mm² Diam 2,2-2,8 mm	4,5 m / Compactadisc
PO-04000DNØ	PO-profile 1,0 mm² Diam 2,2-2,8 mm	50,0 m / DN-reel
PO-05000SNØ	PO-profile 1,5 mm² Diam 2,7-3,5 mm	4,0 m / Compactadisc
PO-05000DNØ	PO-profile 1,5 mm² Diam 2,7-3,5 mm	40,0 m / DN-reel
PO-06000SNØ	PO-profile 2,5 mm² Diam 3,2-4,0 mm	3,5 m / Compactadisc
PO-06000DNØ	PO-profile 2,5 mm² Diam 3,2-4,0 mm	40,0 m / DN-reel
PO-068TWBNØ	PO-068TW profile with thin wall Diam 6,8-7,0 mm	50,0 m / Big Reel
PO-068TWSNØ	PO-068TW profile with thin wall Diam 6,8-7,0 mm	4,5 m / Compactadisc
PO-068Q10BNØ	PO-068Q profile punched, 10 mm between the punched holes	50,0 m / Big Reel
PO-06Q10SNØ	PO-profile punched, 10 mm between the punched holes	3,5 m / Compactadisc
PO-07000SNØ	PO-profile 4,0 mm² Diam 3,8-4,7 mm	3,5 m / Compactadisc
PO-07000DNØ	PO-profile 4,0 mm² Diam 3,8-4,7 mm	30,0 m / DN-reel
POZ02000SNØ	POZ-profile Zerex 0,5 mm² Diam. 1,7-2,2 mm	5,0 m / Compactadisc
POZ03000SNØ	POZ-profile Zerex 0,75 mm² Diam 2,0-2,5 mm	4,5 m / Compactadisc
POZ04000SNØ	POZ-profile Zerex 1,0 mm² Diam 2,2-2,8 mm	4,5 m / Compactadisc
POZ05000SNØ	POZ-profile Zerex 1,5 mm² Diam 2,7-3,5 mm	4,0 m / Compactadisc
POZ06000SNØ	POZ-profile Zerex 2,5 mm² Diam 3,2-4,0 mm	3.5 m / Compactadisc
POZ07000SNØ	POZ-profile Zerex 4,0 mm² Diam 3,8-4,7 mm	3,5 m / Compactadisc
PRZ07100SNØ	PRZ-profile Zerex, can be mounted on PKH/SMOH holders	9,0 m / Cardboard disc

Standard USB cables available at most electronic retail stores.
Notes:
Following Partex products can be combined with ProMark consumables:
1. PM-10/20/24 transparent sleeves with ProMark PP-046/090 insert tags and MK9-PL090/120 self adhesive labels.
2. PT+02/10/20/30 transparent sleeves combined with PP-046 insert tag profile.
3. PTC10/20/30/50 transparent sleeves are combined with PP-046 insert tag profile
4. PKH and SMOH carrier strips are combined with PO-068TW / PRZ071 cable marking profiles.
For detailed information, please contact your Regional Sales Office.

Ø = 4 Yellow profile, 9 White profile, other colours on request
Zerex sleeves and carrier strips are halogen free

E-Z-Code®

MTX-MK9-USB

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Product and Ordering Information (Cont'd)

Cat. No.	Information	Pack Unit (MOQ)
Marker tag profile		
PP-04600SNØ	PP marker tag profile H = 4.6 mm, for PT+, PTC and PM-10	15,0 m / Compactadisc
PP-09000SNØ	PP marker tag profile H = 9.0 mm, for PM-20	18,0 m / Compactadisc
Cabinet and Component markers		
PPA09000SNØ	PP-profile with adhesive for component markers etc.	10,0 m / Compactadisc
PP-06300SN9	PP-profile H = 6.3 mm, for Phoenix terminal blocks (UT2.5, UTTB2.5, ST4, DT2.5, QTC, DTI2.5)	15,0 m / Compactadisc
PP-10000SN9	PP-profile H = 10.2 mm, for Entrelecs terminal blocks	15,0 m / Compactadisc
PP-11000SN9	PP-profile H = 11.0 mm, for Wagos TopJobs terminal blocks	12,0 m / Compactadisc
Heat shrink tubing		
PHZ20032MNØ	Heat Shrink , Diam 3.2 mm, shrink ratio 2:1, Zerex	15,0 m / Minibox
PHZ20048MNØ	Heat Shrink , Diam 4.8 mm, shrink ratio 2:1, Zerex	12,0 m / Minibox
PHZ20064MNØ	Heat Shrink , Diam 6.4 mm, shrink ratio 2:1, Zerex	12,0 m / Minibox

Notes:
Following Partex products can be combined with ProMark consumables:
1. PM-10/20/24 transparent sleeves with ProMark PP-046/090 insert tags and MK9-PL090/120 self adhesive labels.
2. PT+02/10/20/30 transparent sleeves combined with PP-046 insert tag profile.
3. PTC10/20/30/50 transparent sleeves are combined with PP-046 insert tag profile
4. PKH and SMOH carrier strips are combined with PO-068TW / PRZ071 cable marking profiles.
For detailed information, please contact your Regional Sales Office.

Ø = 4 Yellow profile, 9 White profile, other colours on request
Zerex sleeves and carrier strips are halogen free

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MTX-MK10-KIT1

Thermal Transfer Printer

Production on site

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

- Feeds, prints and cuts bulk cable markers (PO), heat shrink (PHZ) profiles and self adhesive profiles

- MTX-MK10-KIT1 is a very cost effective identification system for use in panel building and electrical installations

- USB connection, controlled by Partex software WinSign

Specification - Printer Data

MTX-MK10-K1T1 is a modern thermal transfer printer for PARTEX PO profiles for all needs of wire and cable marking with high production speed (up to 125 mm/sec).

MTX-MK10-KIT1 has a direct connection to any computer by means of a USB cable and is controlled by Partex WinSign software.

It prints on profiles directly from a reel and semi detaches the marker at desired lengths with the built-in cutting unit.

In addition to PO profile, the MTX-KM10-KIT1 prints on heat shrink tubing and PARTEX component marker PPA profile.

Specification – General

Thermal transfer printing
300 dpi print resolution

Printing speed
125 mm/sec.

Printer head width
105 mm

PC connection
USB 2.0 connection and PARTEX software WinSign

Power supply
100 - 240 V (50-60Hz)
Power consumption: max. 300 W
CE Certified

Measurements
(L x W x H): 446 x 242 x 275 mm

Weight
9 kg

Cutter
Perforation cutter

Operation data
Operating temperature: +10ºC to +35ºC
Humidity: 30 - 85% not condensing
To obtain the best printing result, the temperature of the profile should not be lower then +25ºC

MTX-MK10-KIT1

Product and Ordering Information

- Includes a complete system with a wide range of products and is user friendly

- Features a printer with high production speed, a perforation cutter and solid construction

- Uses software that allows the printer to be directly connected to a PC via USB and is controlled by the Partex WinSign software which supports different font sizes

PP/PPA
Inlay tags /
Component markers

PO/POZ
Wire / Cable markers

SMOZ
Cable markers

Cat. No.	Information	Pack Unit (MOQ)
Printer and accessories		
MTX-MK10-KIT1	Printer MK10, Cutting unit, Software WinSign, Ribbon (MK10-RBR7125) and USB cable	1 pce
MTX-MK10-RBR7125	Black Ribbon (Type R71) , width: 25 mm	360 m / Roll
MTX-MK10-RBR7138	Black Ribbon (Type R71) , width: 38 mm	360 m / Roll
MTX-MK10-RBR71102	Black Ribbon (Type R71), width: 102 mm	360 m / Roll
MK10-CU	Cutting unit (Included in MK10-KIT1)	1 pce
MK-RS	Reel stand	1 pce
PLA77020WSNT	Software: LabelSoft (English)	1 pce
PLA77070WSNT	Software: LabelSoft (French)	1 pce
PLA77120WSNT	Software: LabelSoft (German)	1 pce
Marker tag profile		
PP-04600SN*	PP-marker tag profile H = 4.6 mm, for PTPLUS, PTC, PTM10 and PM-10	15.0 m / Compactadisc
PP-09000SN*	PP-marker tag profile H = 9.0 mm, for PTM20 and PM-20	18.0 m / Compactadisc
Cabinet and Component markers		
PPA09000SN*	PP-profile with adhesive for component markers, etc.	10.0 m / Compactadisc
PP-0600SN*	PP-profile H = 4.6 mm, for Wagos TopJobs terminal blocks	15.0 m / Compactadisc
PP-06300SN9	PP-profile H = 6.3 mm, for Phoenix terminal blocks (UT2.5, UTTB2.5, ST4, DT2.5, QTC, DT12.5)	15.0 m / Compactadisc
PP-10000SN9	PP-profile H = 10.2 mm, for Entrelecs terminal blocks	15.0 m / Compactadisc
PP-11000SN9	PP-profile H = 11.0 mm, for Wagos TopJobs terminal blocks	12.0 m / Compactadisc
Heat Shrink Tubing		
PHZ20032BN*	Heat Shrink , Diam 3.2 mm, shrink ratio 2:1, Zerex	100 m / Reel
PHZ20048BN*	Heat Shrink , Diam 4.8 mm, shrink ratio 2:1, Zerex	100 m / Reel
PHZ20064BN*	Heat Shrink , Diam 6.4 mm, shrink ratio 2:1, Zerex	75 m / Reel
PHZ20095BN*	Heat Shrink , Diam 9.5 mm, shrink ratio 2:1, Zerex	75 m / Reel
PHZ20127BN*	Heat Shrink , Diam 12.7 mm, shrink ratio 2:1, Zerex	100 m / Reel
PHZF20191BN*	Flat Heat Shrink , Diam 19.1 mm, shrink ratio 2:1, Zerex	50 m / Reel
PHZF20254BN*	Flat Heat Shrink , Diam 25.4 mm, shrink ratio 2:1, Zerex	50 m / Reel
PHZF20381BN*	Flat Heat Shrink , Diam 38.1 mm, shrink ratio 2:1, Zerex	25 m / Reel
PHZF20504BN*	Flat Heat Shrink , Diam 50.4 mm, shrink ratio 2:1, Zerex	25 m / Reel
PO-profile		
PO-01000BN*	PO-profile 0.25 mm². Diam 1.3-1.8 mm	250 m / Reel
PO-02000BN*	PO-profile 0.5 mm². Diam 1.7-2.2 mm	250 m / Reel
PO-03000BN*	PO-profile 0.75 mm² Diam 2.0-2.5 mm	250 m / Reel
PO-04000BN*	PO-profile 1.0 mm² Diam 2.2-2.8 mm	200 m / Reel
PO-05000BN*	PO-profile 1.5 mm² Diam 2.7-3.5 mm	200 m / Reel
PO-06000BN*	PO-profile 2.5 mm² Diam 3.2-4.0 mm	200 m / Reel
PO-068TWBN*	PO-068TW profile with thin wall Diam 6.8-7.0 mm	50 m / Reel
PO-07000BN*	PO-profile 4.0 mm² Diam 3.8-4.7 mm	100 m / Reel
PO-08000BN*	PO-profile 6.0 mm². Diam. 4.6-5.5 mm	100 m / Reel
PO-09000BN*	PO-profile 10.0 mm² Diam 5.6-7.0 mm	50 m / Reel
POZ01000KN*	POZ-profile Zerex 0.25 mm². Diam 1.3-1.8 mm	250 m / Carton
POZ02000KN*	POZ-profile Zerex 0.5 mm². Diam. 1.7-2.2 mm	250 m / Carton
POZ03000KN*	POZ-profile Zerex 0.75 mm² Diam 2.0-2.5 mm	250 m / Carton
POZ04000KN*	POZ-profile Zerex 1.0 mm² Diam 2.2-2.8 mm	200 m / Carton
POZ05000KN*	POZ-profile Zerex 1.5 mm² Diam 2.7-3.5 mm	200 m / Carton
POZ06000KN*	POZ-profile Zerex 2.5 mm² Diam 3.2-4.0 mm	200 m / Carton
POZ07000KN*	POZ-profile Zerex 4.0 mm² Diam 3.8-4.7 mm	100 m / Carton
POZ08000KN*	POZ-profile Zerex 6.0 mm². Diam. 4.6-5.5 mm	100 m / Carton
POZ09000KN*	POZ-profile Zerex 10.0 mm² Diam 5.6-7.0 mm	50 m / Carton
Cable Markers		
PKZ20KN	PKZ20 profile Zerex	100 m / Carton
PKZ20QKN	PKZ20 profile punched, 10mm between the punched holes, Zerex	100 m / Carton

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MTX-MK10-KIT1

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Product and Ordering Information

Thermal Transfer Labels, Polyester

Printing with thermal transfer printer, waste removed, rounded corners
Material: SO-5 and S7 Series polyester, matte yellow SO, white S3, silver S1 and security film S5,
S2 polyester silver gloss, S4 white gloss
Package: 1 roll. Core 38 or 76 mm (1.496 or 2.992 in.)
Polyester labels, 1-track or 3-track, core diameter 38 mm (1.496 in.), perforated, 5 rolls/box

Cat. No. S2 Silver Glossy	Cat. No. S4 White Glossy	Cat. No. S5 Security	Size		Track Row of labels	Quantity / Roll
			mm	in.		
PLT8K101S28-4/3	PLT8K101S49-5/3	PLT8K101S58-6/3	15 x 6	0.591 x 0.236	3	10000
PLT8K102S28-4/3	PLT8K102S49-5/3	PLT8K102S58-6/3	18 x 6.5	0.709 x 0.256	3	10000
PLT8K103S28-4/3	PLT8K103S49-5/3	PLT8K103S58-6/3	18 x 9	0.709 x 0.354	3	10000
PLT8K106S28-4/3	PLT8K106S49-5/3	PLT8K106S58-6/3	20 x 8	0.787 x 0.315	3	10000
PLT8K105S28-4	PLT8K105S49-5	PLT8K105S58-6	25.4 x 12.7	1 x 0.5	1	2000
PLT8K105S28-4/3	PLT8K105S49-5/3	PLT8K105S58-6/3	25.4 x 12.7	1 x 0.5	3	10000
PLT8K108S28-4	PLT8K108S49-5	PLT8K108S58-6	26 x 10	1.024 x 0.394	1	2000
PLT8K108S28-4/3	PLT8K108S49-5/3	PLT8K108S58-6/3	26 x 10	1.024 x 0.394	3	10000
PLT8K109S28-4/3	PLT8K109S49-5/3	PLT8K109S58-6/3	26.5 x 17.5	1.043 x 0.689	1	5000
PLT8K104S28-4	PLT8K104S49-5	PLT8K104S58-6	30 x 20	1.181 x 0.787	3	2000
PLT8K104S28-4/3	PLT8K104S49-5/3	PLT8K104S58-6/3	30 x 20	1.181 x 0.787	1	6000
PLT8K111S28-4	PLT8K111S49-5	PLT8K111S58-6	32 x 9.5	1.260 x 0.374	3	2000
PLT8K111S28-4/3	PLT8K111S49-5/3	PLT8K111S58-6/3	32 x 9.5	1.260 x 0.374	1	10000
PLT8K115S028-4	PLT8K115S49-5	PLT8K115S58-6	38 x 19	1.496 x 0.748	1	2000
PLT8K121S28-4	PLT8K121S49-5	PLT8K121S58-6	45 x 23	1.772 x 0.906	1	2000
PLT8K130S28-4	PLT8K130S49-5	PLT8K130S58-6	50 x 23	1.969 x 0.906	1	2000
PLT8K134S28-4	PLT8K134S49-5	PLT8K134S58-6	60 x 36	2.362 x 1.417	1	1000
PLT8K135S28-4	PLT8K135S49-5	PLT8K135S58-6	65 x 35	2.559 x 1.378	1	1000
PLT8K133S28-4	PLT8K133S49-5	PLT8K133S58-6	65 x 53	2.559 x 2.087	1	750
PLT8K136S28-4	PLT8K136S49-5	PLT8K136S58-6	70 x 48	2.756 x 1.890	1	1000
PLT8K139S28-4	PLT8K139S49-5	PLT8K139S58-6	89 x 82	3.504 x 3.228	1	500
PLT8K140S28-4	PLT8K140S49-5	PLT8K140S58-6	101.6 x 23	4 x 0.906	1	2000
PLT8K137S28-4	PLT8K137S49-5	PLT8K137S58-6	101.6 x 48	4 x 1.890	1	1000
PLT8K138S28-4	PLT8K138S49-5	PLT8K138S58-6	101.6 x 74	4 x 2.913	1	500
PLT8K141S28-4	PLT8K141S49-5	PLT8K141S58-6	101.6 x 150	4 x 5.906	1	300

Self-laminating write-on cable markers with write-on-field
Material: S7 transparent polyester film
Package: Rolls with 3 and 5 rows depending on label size

Cat. No.		Size		Row Track	Write-on Field		Labels/Roll
Yellow	White	mm	in.		mm	in.	
PLT81400S74	PLT81410S79	17.8 x 34	0.701 x 1.339	5	16 x 13	0.629 x 0.511	3000
PLT81440S74	PLT81430S79	22.8 x 55	0.898 x 2.165	3	21 x 16	0.629 x 0.511	2400
PLT81390S74	-	25.0 x 35.0	0.984 x 1.378	3	25 x 14	0.984 x 0.551	4500
PLT81450S74	PLT81460S79	25.0 x 76.0	0.984 x 2.992	3	23 x 19	0.905 x 0.748	1800
PLT81420S74	-	25.0 x 140.0	0.984 x 5.512	3	25 x 25	0.944 x 0.984	1050
PLT81470S74	PLT81480S79	35.6 x 93.0	1.402 x 3.661	3	34 x 25	1.388 x 0.984	1500

MTX-MK10-KIT1

Product and Ordering Information

Thermal Transfer Labels, Polyester (cont'd)

Printing with thermal transfer printer, waste removed, rounded corners
Material: SO-5 and S7 Series polyester, matte yellow SO, white S3, silver S1 and security film S5, S2 polyester silver gloss, S4 white gloss
Package: 1 roll. Core 38 or 76 mm (1.496 or 2.992 in.)
Polyester labels, 1-track or 3-track, core diameter 38 mm (1.496 in.), perforated, 5 rolls/box

Cat. No. SO Yellow Matte	Cat. No. S1 Silver Matte	Cat. No. S3 White Matte	Size		Track Row of labels	Quantity / Roll
			mm	in.		
PLT8K101S04-1/3	PLT8K101S18-3/3	PLT8K101S39-2/3	15 x 6	0.591 x 0.236	3	10000
PLT8K102S04-1/3	PLT8K102S18-3/3	PLT8K102S39-2/3	18 x 6.5	0.709 x 0.256	3	10000
PLT8K103S04-1/3	PLT8K103S18-3/3	PLT8K103S39-2/3	18 x 9	0.709 x 0.354	3	10000
PLT8K106S04-1/3	PLT8K106S18-3/3	PLT8K106S39-2/3	20 x 8	0.787 x 0.315	3	10000
PLT8K105S04-1	PLT8K105S18-3	PLT8K105S39-2	25.4 x 12.7	1 x 0.5	1	2000
PLT8K105S04-1/3	PLT8K105S18-3/3	PLT8K105S39-2/3	25.4 x 12.7	1 x 0.5	3	10000
PLT8K108S04-1	PLT8K108S18-3	PLT8K108S39-2	26 x 10	1.024 x 0.394	1	2000
PLT8K108S04-1/3	PLT8K108S18-3/3	PLT8K108S39-2/3	26 x 10	1.024 x 0.394	3	10000
PLT8K109S04-1/3	PLT8K109S18-3/3	PLT8K109S39-2/3	26.5 x 17.5	1.043 x 0.689	1	5000
PLT8K104S04-1	PLT8K104S18-3	PLT8K104S39-2	30 x 20	1.181 x 0.787	3	2000
PLT8K104S04-1/3	PLT8K104S18-3/3	PLT8K104S39-2/3	30 x 20	1.181 x 0.787	1	6000
PLT8K111S04-1	PLT8K111S18-3	PLT8K111S39-2	32 x 9.5	1.260 x 0.374	3	2000
PLT8K111S04-1/3	PLT8K111S18-3/3	PLT8K111S39-2/3	32 x 9.5	1.260 x 0.374	1	10000
PLT8K115S04-1	PLT8K115S18-3	PLT8K115S39-2	38 x 19	1.496 x 0.748	1	2000
PLT8K121S04-1	PLT8K121S18-3	PLT8K121S39-2	45 x 23	1.772 x 0.906	1	2000
PLT8K130S04-1	PLT8K130S18-3	PLT8K130S39-2	50 x 23	1.969 x 0.906	1	2000
PLT8K134S04-1	PLT8K134S18-3	PLT8K134S39-2	60 x 36	2.362 x 1.417	1	1000
PLT8K135S04-1	PLT8K135S18-3	PLT8K135S39-2	65 x 35	2.559 x 1.378	1	1000
PLT8K133S04-1	PLT8K133S18-3	PLT8K133S39-2	65 x 53	2.559 x 2.087	1	750
PLT8K136S04-1	PLT8K136S18-3	PLT8K136S39-2	70 x 48	2.756 x 1.890	1	1000
PLT8K139S04-1	PLT8K139S18-3	PLT8K139S39-2	89 x 82	3.504 x 3.228	1	500
PLT8K140S04-1	PLT8K140S18-3	PLT8K140S39-2	101.6 x 23	4 x 0.906	1	2000
PLT8K137S04-1	PLT8K137S18-3	PLT8K137S39-2	101.6 x 48	4 x 1.890	1	1000
PLT8K138S04-1	PLT8K138S18-3	PLT8K138S39-2	101.6 x 74	4 x 2.913	1	500
PLT8K141S04-1	PLT8K141S18-3	PLT8K141S39-2	101.6 x 150	4 x 5.906	1	300
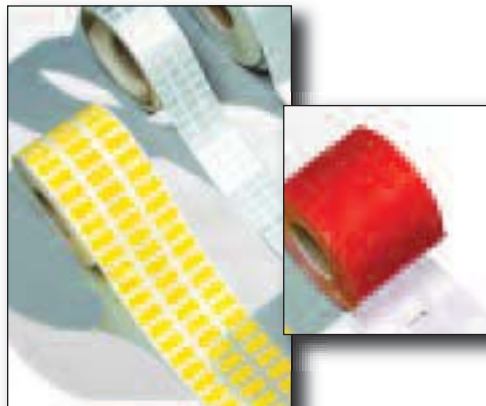
Order in multiples of 25 tags.

MTX-MK1 Miniplotter

MTX-MK1 Miniplotter

• Provides complete customized marking on site for cables, wires, terminal blocks and components

• Easy to use keyboard, display unit and pre-programmed product modules

• Saves time and money when small production and additional markings are carried out, combined with rapid, customized deliveries from PARTEX

• Designed for on site marking of small and medium marking volumes

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MTX-MK1 Miniplotter

Miniplotter Marking System Specifications

Design

The MTX-MK1 marking system contains a plotter and inlays intended for Partex neutral wire, cable, component and terminal block markings. The marking information is transferred to the plotter through a MTX-MK1-Cable (RS232) input from the keyboard. The marker inlays are quickly loaded either with individual cut markers or strips of markers. Flexible on site operation with battery pack. MTX-MK1 is controlled from a program cassette through an RS232 (MTX-MK1-Cable) interface to a PC computer. PC control is performed with Partex MTX-MK1 software (WSG-IN-INCL).

Power

120 / 240 V

Keyboard

North American Industrial Stardard

Text Height and Width

Three text heights small, medium and large and three text widths narrow, standard and wide. The height of text is automatically adapted to match type of profile and number of lines chosen. The number of characters possible on a line is shown in the display. The program makes it possible to decrease or increase the size of the text.
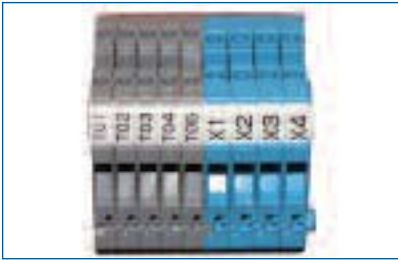
Plotter Pens

Refill pens (etching ink), for marking on Partex products. Fibre-tip pen, for testing. On Zerex sleeve please use only drawing tip 0.25 mm with Partex Zerex ink.

Resistance

The products intended for MK1 are tested by the Swedish National Test and Research Institute according to the Partex Product Test Program.

MTX-MK1 Miniplotter

Applications

Terminal blocks with PP profiles

PP profile in a PTC sleeve mounted on a CAT 5 cable

PPA profile mounted on a component

Product and Ordering Information

Cat. No.	Profile	Profile Width	Compactadisc Pack Unit
PP-04600SN	Flat profile, fits PT+, PTC and PTM sleeves	4.6 mm	15 m
PP-09000SN	Flat profile, fits PM sleeves	9.0 mm	18 m
PP-06300SN9	Flat profile, fits Phoenix terminal blocks UT2.5, UTTB2.5, ST4, DT2.5, QTC, DT12.5	6.3 mm	15 m
PP-10000SN9	Flat profile, fits Entrelecs terminal blocks.	10.2 mm	15 m
PP-11000SN9	Flat profile, fits Wagos Topjobs terminal blocks	11.0 mm	12 m
PPA09000SN	Flat profile with adhesive	9.0 mm	10 m

Technical Data - Adhesive Tape (PPA)

Peel Adhesion on Different Surfaces		
Material	Immediately N/cm	After 14 Days N/cm
Steel	13.5	14.8
Aluminum	9.4	12.4
ABS	10.9	13.7
PC	13.5	13.8
PS	10.5	12.2
PET	9.4	10.7
PVC	9.3	13.5
PP	6.9	8.7
PE	5.5	5.8
Temperature Resistance	Value	
Short term use	70ºC	
Long term use	60ºC	
Mechanical Properties	Value	
Tensile strength	57.5 N/15 mm	
Elongation	20 - 55%	

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MTX-MK1 Miniplotter

Accessories

Portable Printer
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 65 mm)
Cable: 3.5 m
Total weight (bag & kit): 6 kg
(540 x 440 x 120 mm)

Cat. No.	Description	Size / Product
MTX-MK1	Plotter	The MTX-MK1 basic kit includes plotter, case, MTX-MK1-Refill, MTX-Pen-035, power unit and manual on CD
MTX-MK1-PEN-FIBER	Fiber tip pen for testing	0.30 mm
MTX-MK1-PEN-018	Plotter Pen	0.18 mm
MTX-MK1-PEN-025		0.25 mm
MTX-MK1-PEN-035		0.35 mm
MTX-MK1-PEN-050		0.50 mm
MTX-MK1-PEN-070		0.70 mm
MTX-MK1-PEN-100		1.00 mm
MTX-MK1-INK	Etching ink	30 ml
MTX-MK1-REFILL	Ink refill cartridge	5 x 1 ml
MTX-MK1-CF	Cleaning solvent	10 ml
MTX-MK1-CK	Cleaning kit (MTX-MK1-CF + MTX-MK1-CU)	–
MTX-MK1-CF	Cleaning cartridge	2 x 10 ml
MTX-MK1-CUP	Cleaning cup	–
MTX-MK1-CP	Calibration plate zero-point	
MTX-MK1-PAPLUS02		PAPLUS02/PAZPLUS02
MTX-MK1-PAPLUS02ST		PAPLUS02 STRIPS
MTX-MK1-PAZPLUS02ST		PAZPLUS02 STRIPS
MTX-MK1-PAPLUS10		PAPLUS1/PAZPLUS1
MTX-MK1-PAPLUS1ST		PAPLUS1 STRIPS
MTX-MK1-PAZPLUS1ST		PAZPLUS1 STRIPS
MTX-MK1-PA20L		PAPLUS2/PAZPLUS2
MTX-MK1-PA30		PA3/PAZ3
MTX-MK1-PK2		PK2
MTX-MK1-PK2ST		PK2 STRIPS
MTX-MK1-PKZ2		PKZ
MTX-MK1-PC10		PC10
MTX-MK1-PC20		PC20
MTX-MK1-PC30	Product Inlay (Fixture)	PC30
MTX-MK1-PC40		PC40
MTX-MK1-PC50		PC50
MTX-MK1-PFC		PFC
MTX-MK1-PN		PN
MTX-MK1-POH		POH
MTX-MK1-PS		PS
MTX-MK1-TX		TX-96XXX
MTX-MK1-TX61		TX-61051
MTX-MK1-P001-04ST		P001/02/03/04 STRIPS
MTX-MK1-P005-07ST		P005/06/07 STRIPS
MTX-MK1-P008-10ST		P008/09/10 STRIPS
MTX-MK1-P012ST		P012 STRIPS
MTX-MK1-P014ST		P014 STRIPS
MTX-MK1-P016ST		P016 STRIPS
MTX-MK1-P018ST		P018 STRIPS
MTX-MK1-P020ST		P020 STRIPS
MTX-MK1-P022-24ST		P022/24 STRIPS
MTX-MK1-P026-28ST		P026/28 STRIPS
MTX-MK1-PGM-USB		–
MTX-MK1-PGM-PFC.V1	Program cassette	PFC
MTX-MK1-PGM-PO.USB		PO
MTX-MK1-PGM-FU	Data file upgrade	–
MTX-MK1-ACCU	Battery	PP60
MTX-MK1-CABLE	Data cable	RS232

MTX-MK1 Miniplotter

MTX-MK1 – Wire Marking: PAPLUS, PAZPLUS

"AN" Cut Markers

Strip Carton Pack "PN"

Cat. No. Neutral (blank) Marking Sleeves	AWG	Length (mm)	Capacity of Markers per Fixture	Packaging	Fixture
PAPLUS02015ANØ	22-16	15	18	200/bag	MTXMK102
PAPLUS02021ANØ		21			
PAPLUS02027ANØ		27			
PAPLUS10015ANØ	16-11	15			MTXMK110
PAPLUS10021ANØ		21			
PAPLUS10027ANØ		27			
PAPLUS20015ANØ	13-5	15	11	100/bag	MTXMK120
PAPLUS20021ANØ		21			
PAPLUS20027ANØ		27			
PAPLUS20036ANØ		36			
PAPLUS20042ANØ		42			
PAPLUS30015ANØ	5-	15	9	20/bag	MTXMK130
PAPLUS30021ANØ		21			
PAPLUS30027ANØ		27			

Ø = Sleeve colour according to the international colour code
A = Cut markers.
N = Neutral
Halogen free available by changing PAPLUS prefix to PAZPLUS
Example: PAPLUS02015AN4 = 15 mm length yellow, neutral (blank) cut markers

Cat. No. Neutral (blank) Marking Sleeves	AWG	Length per Strip	Strips x Markers = Qty per Fixture	Strips x Markers = Qty per carton	Fixture
PAPLUS02015PNØ	22-16	12 x 15 = 180	4 x 12 = 48	CT/84 X 12 = 1008	MTX-MK1-PAPLUS02ST*
PAPLUS02021PNØ		9 x 21 = 189	4 x 9 = 36	CT/1 12 X 9 = 1008	
PAPLUS02027PNØ		7 x 27 = 189	4 x 7 = 28	CT/143 X 7 = 1001	
PAPLUS02036PNØ		5 x 36 = 180	4 x 5 = 20	CT/150 X 5 = 750	
PAPLUS02042PNØ		4 x 42 = 168	4 x 4 = 16	CT/150 X 4 = 600	
PAPLUS10015PNØ	16-11	12 x 15 = 180	4 x 12 = 48	CT/84 X 12 = 1008	MTX-MK1-PAPLUS1ST*
PAPLUS10021PNØ		9 x 21 = 189	4 x 9 = 36	CT/112 X 9 = 1008	
PAPLUS10027PNØ		7 x 27 = 189	4 x 7 = 28	CT/130 X 7 = 910	
PAPLUS10036PNØ		5 x 36 = 180	4 x 5 = 20	CT/130 X 5 = 650	
PAPLUS10042PNØ		4 x 42 = 168	4 x 4 = 16	CT/130 X 4 = 520	

* We recommend drawing tip 0.25 mm on Zerex
K = Carton, P = Strip, N = Neutral, A = Cut markers in bags
PA international colour code. PAZ halogen free in yellow and white. Other colours, please contact your Regional Sales Office.
Material: PAPLUS = Soft PVC, PAZPLUS = Soft Zerex
Halogen free available by changing PAPLUS prefix to PAZPLUS
Example: PAPLUS02015PN4 = A strip of 12 x 15 mm markers, yellow, neutral (blank) markers

MTX-MK1 Miniplotter

MTX-MK1 – Cable Marking: PK, PKZ

Cat. No.	Sleeve length mm	Capacity Qty/Fixture	Packaging	Cat. No. Fixture	Suitable Partex Holder System
PK-20015ANØ	15	10	20	MTX-MK1-PK2	Use with SMOH Holders (see page E19)
PK-20021ANØ	21				
PK-20027ANØ	27				
PK-20Q25ANØ	25				Use with cable tie (see page E19)
PK-20Q40ANØ	40				
PK-20021PNØ	21	3 x 9 = 27	9 x 50	MTX-MK1-PK2ST	Use with SMOH Holders (see page E19)
PK-20027PNØ	27	3 x 7 = 21	7 x 50		
PK-20036PNØ	36	3 x 5 = 15	5 x 50		
PK-20057PNØ*	57	3 x 3 = 9	3 x 50		
PK-20084PNØ**	84	3 x 2 = 6	2 x 50	MTX-MK1-PKZ2	

Ø Profile colour, 4 = Yellow, 9 = White. Other colours, please contact your Regional Sales Office
* Strips = 3 PCS semi cut sleeves ** Strips = 2 PCS semi cut. Material: PK = soft PVC (PKZ = soft Zerex)
For halogen free, change prefix PK to PKZ
Example: PK20021AN4 = 21 mm length, yellow

MTX-MK1 – Wire Marking: PC

- Open marker sleeve for already connected wires
- Securely positioned with help of strong barbs
- Fast snap on installation
- Tools available for non-easy access installation

| Cat. No.	AWG	Sleeve length mm	Capacity Qty/Fixture	Packaging	Cat. No. Fixture
PC10015ANØ	22–16	15	18	100/bag	MTX-MK1-PC10
PC10021ANØ		21			
PC10027ANØ		27			
PC10036ANØ		36			
PC20015ANØ	16–12	15			MTX-MK1-PC20
PC20021ANØ		21			
PC20027ANØ		27			
PC20036ANØ		36			
PC30015ANØ	12–11	15			MTX-MK1-PC30
PC30021ANØ		21			
PC30027ANØ		27			
PC30036ANØ		36			
PC40015ANØ	11–10	15			MTX-MK1-PC40
PC40021ANØ		21			
PC40027ANØ		27			
PC40036ANØ		36			
PC50015ANØ	10–7	15			MTX-MK1-PC50
PC50021ANØ		21			
PC50027ANØ		27			
PC50036ANØ		36			

Ø Profile colour, 4 = Yellow, 9 = White
Example: PK20021AN4 = 21 mm length, yellow

MTX-MK1 Miniplotter

MTX-MK1 – Cable Marker or Holder: SMOH

SMOH Type

SMOH Type
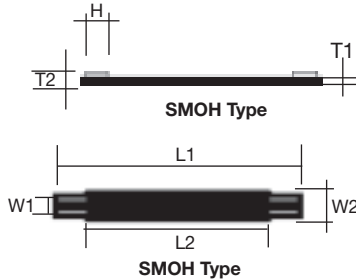
- Holder for PO/POZ/PK/PKZ markers
- No tools needed for installation
- Easy to install with Ty-Rap® cable ties
- SMOH holders can be used as on site cable markers using Ty-Rap® marking pen WT163M-1 (black)

Cat. No.	Width (W1) mm (in.)	Width (W2) mm (in.)	Thickness (T1) mm (in.)	Thickness (T2) mm (in.)	Raised Bridge (H) mm (in.)	Length (L1) mm (in.)	Writeable (L2) mm (in.)	Std. Pkg.	Cat. No. Fixture	Capacity No./Fixture
SMOH-07Ø						60.0 (2.36)	27.0 (1.06)			
SMOH-12Ø						82.0 (3.24)	50.0 (1.97)			
SMOH-18Ø	8.2 (0.323)	9.5 (0.374)	1.0 (0.04)	3.2 (0.125)	6.0 (0.236)	110.0 (4.33)	75.0 (2.95)	100	MTX-MK1–POH	3 x 2
SMOH-30Ø						152.0 (5.98)	124.0 (4.88)			
SMKH-10-0										
SMKH-20-0Ø										

Ø 0 = Black, 4 = Yellow, 9 = White. Material: Hard PVC
Example: SMOH07-4 = Yellow, 60 mm

Recommended Ty-Rap® Cable Ties

Cat. No.	Bulk Cat. No.	Body Width (in.)	Length (in.)	Max Wire Bundle Dia. (in.)	Millitary Standard Part No.	Tensile Strength (lb.)	Std. Pkg.	Bulk Pkg.
Standard Nylon 6/6 Cable Ties								
TY523M	TY23M	0.093	3.62	0.625	MS3367-4			
TY52315M	TYB2315M	0.092	7.00	1.500		18	100	1000
TY5232M	TY232M	0.086	8.00	2.000	–			
TY5234M	TY234M		14.00	4.000				
TY524M	TY24M		5.50	1.125	MS3367-5	40		
TY5242M	TY242M	0.140	8.19	2.000			100	1000
TY526M	TY26M		11.10	3.000	–	30		
TY5244M	TY244M		14.50	4.000				
TY525M	TY25M	0.185	7.31	1.750	MS3367-1			
TY5253M	TY253M	0.187	11.6	3.000	MS3367-7	50	100	1000
TY528M	TY28M		14.20	4.000	MS3367-2			
Nylon 6/6 Weather Resistant								
TY523MX	TY23MX	0.093	3.62	0.625	MS3367-4			
TY52315MX	TYB2315MX	0.092	7.00	1.500		18	100	1000
TY5232MX	TY232MX	0.086	8.00	2.000	–			
TY5234MX	TY234MX		14.00	4.000				
TY524MX	TY24MX		5.50	1.125	MS3367-5	40		
TY5242MX	TY242MX	0.140	8.19	2.000			100	1000
TY526MX	TY26MX		11.10	3.000	–	30		
TY5244MX	TY244MX		14.50	4.000				
TY525MX	TY25MX	0.185	7.31	1.750	MS3367-1			
TY5253MX	TY253MX	0.187	11.6	3.000	MS3367-7	50	100	1000
TY528MX	TY28MX		14.20	4.000	MS3367-2			

MTX-MK1 Miniplotter

MTX-MK1 – Terminal Block Marking: TX

Design

Terminal block marking with strong hooks for safe snap mounting. (TX-96 matches Phoenix, Entrelecs, Wagos and TX-61051 matches Weidmüller, Conta-Clip and others with similar design)

Material

Cadmium free, stiff PVC material of Partex formula

Colours

White or orange

Temperature Range

Shape permanence between -30ºC and +60ºC
(-22ºF to +140ºF) (PVC)

Cat. No.	Intended for Terminal Block (B1)	Height (H)	Markers / Strip	Strips / Inlay	Length (B2) 10 markers	Cat. No. Fixture
TX-96050PNØ	5.0				50.0	
TX-96052PNØ	5.2				52.0	
TX-96060PNØ	6.0				60.0	
TX-96062PNØ	6.2				62.0	
TX-96073PNØ	7.3		6		73.0	
TX-96080PNØ	8.0	9.6		1 x 10	80.0	MTX-MK1-TX
TX-96082PNØ	8.2				82.0	
TX-96100PNØ	10.0				100.0	
TX-96102PNØ	10.2				102.0	
TX-96120PNØ	12.0				72.0 (6 markers)	
TX-96141PNØ	14.1		3		84.5 (6 markers)	
TX-96151PNØ	15.1				90.6 (6 markers)	
TX-61051PNØ	5.1	6.1	15		51.0	MTX-MK1-TX61

Material: TX = hard PVC
P = Strip of 10 markers, N = Neutral (blank)
Ø Colours: 3 = Orange, 9 = White
Example: TX-96050P9 = 5.0 mm, White
TX-96 Series matches Phoenix, Entrelecs and Wagos terminal blocks.
TX-61051 Series matches Weidmüller, Conta-Clip and others with similar design.

MTX-MK1 Miniplotter

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MTX-MK1 – X-Card Marking System: PFC

- Fast mounting, easy breakoff cards with precut or moulded marker tags
- Easily detachable tags are put directly into various tag holder systems
- The hard tags can be rapidly mounted, before or after connecting the wires and cables

Cat. No.	Description	Marker Tag Length x Height mm	Marker Tags per Card	Marker Tags per Box	Material	Suitable Holder System
PFC04212KAØ	Marker Tag – Wire	12 x 4.2	21	525	ABS	PTPLUS (refer to page E103)
PFC04215KAØ		15 x 4.2				
PFC04218KAØ		18 x 4.2				
PFC04221KAØ		21 x 4.2				
PFC04230KAØ		30 x 4.2	14	350		
PFC07533KAØ	Marker Tag – Cable	33 x 7.5	9	225		PM24 (refer to page E101)
PFC09518KAØ	Marker Tag – Component / Cable	18 x 9.5	20	500		Ty-Rap® Cable Tie Mounting (refer to page E80)
PFC09540KAØ	Marker Tag – Cable Marking	40 x 9.5	8	200	Polyamid / PA11	
PFC09580KAØ		80 x 9.5	4	100		

Ø Colours: 4 yellow, 9 white.

Dimensions in mm (nominal)

Product Type	AWG	Length	Width	Height
PTPLUS02	22–16	12/15/18/21/30	5	5
PTPLUS10	16–11			7
PTPLUS20	13–5		6	10
PTPLUS30	5–		10	19
PTPLUS40	0	15/21/30	N/A	N/A
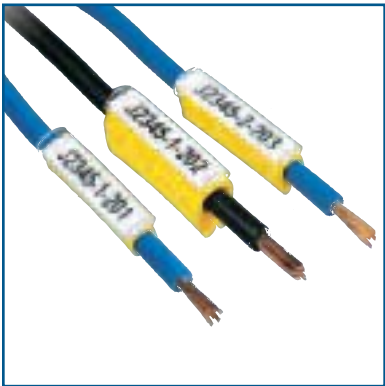
MTX-MK3

MTX-MK3

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X-Card Marking System

- Prints various marker tags on credit card type format (Type PFC) that also accommodates project and mounting information directly on the card

- Cable, wire and component X-Card marking system for more efficient and versatile marking on site

- Printing on site with PC controlled thermotransfer printer in monochrome or colour

- A user friendly compact system with high production capacity

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MTX-MK3

Specifications – Production on Site

General

The MTX-MK3 printer is a high resolution, high speed production thermotransfer printer for both monochrome and colour printout. Loaded with a number of cards in a feeder magazine, the printer feeds the cards one by one through the printer, where all the individual tags are printed row by row. The printed cards are automatically fed to an output magazine. The printer is controlled by WinSign (WSG-NG-INCL) software. Different marking file formats can be imported.

System Layout

The X-Card system is comprised of the MTX-MK3 printer, winSign software and marker tag cards type PFC for cable, wire and component marking. Some PFC cards are used together with Partex holder systems PTPLUS, PTZPLUS, PTC, PM10, PM20, PM24 and PS20T. Other cards are used for direct marking and are attached with Ty-Rap® cable ties.

Thermotransfer

300 dpi Resolution

Printing Speed

4 seconds per card for resin black ink
25 seconds per card four full colour single sided (YMCKO)

Software

WinSign WSG-NG-INCL

Communication Interface

USB 1.1 cable included

Power Connection

110 VAC-240 VAC, 50 – 60 Hz
FCC Class B, CE, UL and cUL approved

Measurements

(L x W x H): 462 x 239 x 256 mm

Weight

7 kg

Temperature Range

Operating temperature range:	+15ºC to +70ºC (60ºF to 86ºF)
Operating humidity:	20% to 65% non-condensing
Storage temperature:	-5ºC to 70ºC (23ºF to 158ºF)

MTX-MK3

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Applications

Product and ordering information

Cat. No.	Description	Contents
MTX-MK3	MTX-MK3 Thermal Printer type P330	Printer + WinSign + USB Cable
MTX-MK3-USB	MTX-MK3 Interface Printer Cable	
MTX-MK3-CLEANKIT	Cleaning Kit for MTX-MK3-P330	Swab + Cleaning Cards + Rollers
MTX-MK3-CR	Cleaning Roller for MTX-MK3	To Remove Dust from the Card Before Printing
MTX-MK3-F301E	Printer Ribbon F301 Black	
MTX-MK3-RC330	Printer Ribbon RC330 Colour	

- The MTX-MK3-P330 system contains several different card types that cover the need for cable, wire and component markers

- With the MTX-MK3-P330, it is now possible to print in colour. This can only be done if you have the latest version of WinSign

Product and ordering information

Cat. No.	Description	Marker Tag Length x Height mm (in)	Marker Tags per Card	Marker Tags per Box	Material	Suitable Partex Holder System
PFC04212KAØ	Marker Tag – Wire	12 x 4.2	21	525	ABS	PTPLUS type (refer to page E103)
PFC04215KAØ		15 x 4.2				
PFC04218KAØ		18 x 4.2				
PFC04221KAØ		21 x 4.2				
PFC07533KAØ	Marker Tag – Cable	33 x 7.5	9	225		PM type (refer to page E101)
PFC09518KAØ	Marker Tag – Component / Cable	18 x 9.5	20	500		Cable ties (refer to page E80)
PFC09540KAØ	Marker Tag – Cable Marking	40 x 9.5	8	200	Polyamid / PA11	
PFC09580KAØ		80 x 9.5	4	100		

Ø = Card Colours, 4 = Yellow, 9 = White

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MTX-MK20-SP2000

MTX-MK20-SP2000

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Automatic Marking System

- Compact heavy duty machine for high demand production of wire, cable and component marking

- PC link connection or stand alone mode with an optional standard keyboard

- Printing of large diameter sleeves and tubes ranging up to 28 mm OD or 45 mm flattened

- Improved mechanism for quality printing on hardened tubes in low temperature environment

- Sleeves can be completely or partly cut off

- MTX-MK20-SP2000 connected to a PC with Partex WSG-NG-INCL software (WinSign)

- MTX-MK20-SP2000 as a stand alone unit with a PC Keyboard connected

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MTX-MK20-SP2000

Specifications

Design

MTX-MK20-SP2000 is a complete marking production machine unit with automatic feeding of marker profiles, printing and partial or complete cutting function. Output magazine for ease of random pick of printed markers when mounting onto wires and cables. The machine is controlled by either a connected PC with Partex WinSign software or an optional standard computer keyboard working as a stand alone unit.

Sleeve Length

0 mm to 999.9 mm
No limitations when using WinSign software (WSG-NG-INCL)

Diameter Range

O.D. 2.0 to 28 mm (or flat folded width to 45 mm)
0.2 mm to 0.7 mm in thick

Cutting

Three choices are available:
1) No cut
2) Partly cut off
3) Completely cut off

Thermotransfer Printing

300 dpi print resolution

Production Capacity

About 4,500 pcs per hour
(5 digits, 1-line marker on 20 mm long sleeve)

Character Sizes and Orientation

Height x width 2.4 x 2.4 horizontal and vertical
2.0 x 1.2 horizontal and vertical
3.0 x 2.4 horizontal and vertical
5.0 x 3.0 horizontal
1.8 x 1.8 horizontal and vertical
1.8 x 0.9 horizontal and vertical
2.7 x 2.1 horizontal
2.4 x 1.2 horizontal and vertical

Kind of Characters

96: 0–9, A–Z, +, -, /, *, signs, etc.

Data Storage

Max. 1000 lines can be stored in the memory of the machine, backed up by an internal rechargeable battery.

Marking Data from WinSign

Marker data files created directly in WinSign can be transferred to the MTX-MK20-SP200. Data from other software can only be transferred as text files to WinSign and then to the machine.

Power Supply

110 – 220 VAC, 50/60 Hz

Dimensions

(L x W x H): 435 x 290 x 290 mm

Weight

15 kg

MTX-MK20-SP2000

Automatic Marking System

Cat. No.	Description
MTX-MK20-SP2000	Marking machine incl. manual, service tool kit and data cable for connection to PC (MTX-MK20-SP2000-CABLE)
MTX-MK20-SP2000-CKN	Cutter knife kit
MTX-MK20-SP2000-CBP	Cushion for knife
MTX-MK20-SP2000-CABLE	Data cable for connection to PC (COM-PORT)
SP1W-STV	Optional unwinding reel stand
MTX-SP1W-S611-20	Black ribbon 200M for PO products
MTX-SP1W-S619-20	Black ribbon 200M for POZ OCH PH products
MTX-SP1W-S625-20	White ribbon 200M for PO products
MTX-SP1W-S629-20	White ribbon 100M for POZ OCH PH products
MTX-SP1W-S631-20	Red ribbon 200M for PO products

Oval Marking Profile

- Oval marking profile with sizes for big cable diameter range

- Very fast one hand mounting onto the cable or wire

- Built-in spring action retains sleeve shape with excellent grip

- Permanent marking but still adjustable on cable or wire

- Efficient on site marking with Partex marking machines and WinSign software

- Also delivered halogen free with a UL94-V0 rating

Cat. No.	Dia. mm min. / max.	Area mm²	Dia. / inch min. / max.	AWG	Pkg. Meter
PO-01000BNØ	~1.3/1.8	~0.25	0.051/0.071	23–20	250
PO-02000BNØ	~1.7/2.2	~0.5	0.067/0.087	20–18	
PO-03000BNØ	~2.0/2.5	~0.75	0.079/0.098	18–17	
PO-04000BNØ	~2.2/2.8	~1.0	0.087/0.110	17–15	200
PO-05000BNØ	~2.7/3.5	~1.5	0.106/0.138	15–13	
PO-06000BNØ	~3.2/4.0	~2.5	0.126/0.157	13–11	
PO-07000BNØ	~3.8/4.7	~4.0	0.150/0.185	11–9	100
PO-08000BNØ	~4.6/5.5	~6.0	0.181/0.217	9–7	
PO-08000BNØ	~5.6/7.0	~10.0	0.220/0.276	7–5	50
PO-10000BNØ	~6.5/8.0	~16.0	0.256/0.315	5–3	
PO-11000BNØ	~7.0/9.5	~18.0	0.276/0.374	4–3	5x10
PO-12000BNØ	~7.5/10.0	~20.0	0.295/0.394	4–2	
PO-14000BNØ	~9.5/12.0	~25.0	0.374/0.472	1/0	
PO-16000BNØ	~11.5/14.0	~35.0	0.453/0.551	1/0–2/0	2x5
PO-18000BNØ	~13.5/16.0	~50.0	0.531/0.630	2/0–3/0	
PO-20000BNØ	~15.5/18.0	~70.0	0.610/0.709	3/0–4/0	
PO-22000BNØ	~17.5/20.0	~95.0	0.689/0.787	4/0	
PO-24000BNØ	~19.5/22.0	~120.0	0.768/0.866	4/0–5/0	
PO-26000BNØ	~21.5/24.0	~150.0	0.846/0.945	5/0–6/0	
PO-28000BNØ	~24.0/28.0	~185.0	0.947/1.104	6/0–7/0	

BN=Packing on reels for PO-01 to PO-10 and loop layers in cartons for PO-11 to PO-28.
~ Values for area in mm² and AWG are approximate and for guidance only.
Ø 4 = Yellow, 9 = White

MTX-MK20-SP2000

PHZ2 Halogen Free Heat Shrinkable Tubing

- PHZ2 is a flexible zero halogen thin wall polyolefin tubing with ideal printability
- Low smoke generation and evolution of acid gases
- Flame redardant
- 2: 1 shrink ratio
- Reduced overall assembly and marking costs on site when using Partex marking machines
- JIT ready marked customized PHZ2 tubes can also be delivered

Mini Box

Carton Reel

Cat. No.	Min. Expanded Diameter (D)		Max. Recovered Diameter (W)		After Shrinking Wall Thickness (D1)		Qty. per Reel/Minibox
	(mm)	(in.)	(mm)	(in.)	(mm)	(in.)	
PHZ20012BNØ	1.20	0.047	0.060	0.024	0.41	0.016	
PHZ20016BNØ	1.60	0.063	0.80	0.031	0.43	0.017	100
PHZ20024BNØ	2.40	0.094	1.20	0.047			
PHZ20032BNØ	3.20	0.125	1.60	0.063	0.51	0.020	100
PHZ20032MNØ							15
PHZ20048BNØ	4.80	0.189	2.40	0.095			100
PHZ20048MNØ							12
PHZ20064BNØ	6.40	0.252	3.20	0.126			75
PHZ20064MNØ					0.65	0.026	12
PHZ20095BNØ	9.50	0.374	4.70	0.185			75
PHZ20127BNØ	12.70	0.500	6.40	0.251			50
PHZ20190BNØ	19.10	0.752	9.50	0.375	0.77	0.030	50
PHZ20254BNØ	25.40	1.000	12.70	0.500	0.89	0.035	
PHZ20380BNØ	38.10	1.500	19.10	0.750	1.00	0.039	35
PHZ20510BNØ	50.80	2.000	25.40	1.000	1.10	0.040	

Ordering example: 2 PCS PHZ20016BN* = 2 PCS reels 150 M each. BN = Reel

Ø 0 = Black 4 = Yellow, 9 = White
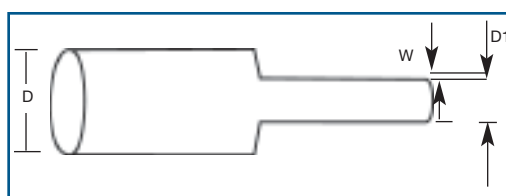
MTX-MK20-SP2000

Tests on PHZ2 Halogen Free Heat Shrink Tubing

Specifications	Standard Colours	Non Standard Colours
BRITISH STANDARDS 6853: 1999	Black, Yellow, White	
Physical Properties		**Values**
TENSILE STRENGTH	Test Method ASTM D 638	13 N/mm²
ELONGATION AT BREAK		400%
LONGITUDINAL CHANGE	ASTM D 2671	+5%, -10% maximum
WATER ABSORPTION	ASTM D 570	max. 0.15%
SPECIFIC GRAVITY	ASTM D792	1.35 gr/cm³
Thermal Properties		**Values**
CONTINUOUS OPERATING TEMPERATURE		-40°C to 105°C
MINIMUM SHRINK TEMPERATURE		> 110°C
HEAT SHOCK 4 HOURS AT 225°C	ASTM D 2671	No dripping, craking or flowing
HEAT AGEING 168 HOURS AT 150°C	ASTM D 638	Elongation 250%
LOW TEMPERATURE FLEXIBILITY -40°C	ASTM D 2671 C	No cracking
FLAMMABILITY	ASTM D 2671	Pass
Chemical Properties		**Values**
FUNGUS RESISTANCE	AMS-DTL-7444	Inert
CHEMICAL RESISTANCE	AMS-DTL-23053/5	Good
COPPER CORROSION	ASTM D 2671 B	
OXYGEN INDEX	ASTM D 2863	34%
Electrical Properties		**Values**
DIELECTRIC STRENGTH	ASTM D 2671	20 kV/mm²
VOLUME RESISTIVITY	ASTM D 257	1014 ohm cm

The Heat-Shrink tubing meets the requirements of the European directives: 2002/96/EG and 2003/11/E

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Printers Comparative Table

MARKERS	MTX-MK10	MTX-MK9	MTX-MK20-SP2000	MTX-MK3-P330	MTX-MK1
	Compact Heavy Duty Printer	Thermotransfer Printer	Automatic Marking System	Thermotransfer Printer	Miniplotter
				PFC	PAPLUS
					PAZPLUS
					PO
	PO	PHZ			POZ
	POZ	PO	PO		PK
	PHZ	POZ	PHZ2		PKZ
	PP	PP			PC
	SMOZ	MK9-PL			PFC
	PLT				PA
					TX

MTX-MK1

MTX-MK3

MTX-MK10-KIT1

MTX-MK20-SP2000
Marking machine for high volume marking production

MTX-MK9-USB
MTX-MK9 bench-top machine for low or medium volume on marking production

WinSign

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WinSign Software

- Winsign software is ideal for project handling, production and printout of customized marking products on site

- Software in Windows environment with database handling adapted to import/export on text files

Cat. No.	Information
WSG-NG-EXCL	When the software is bought separately and a marking machine type MTX-MK1 or MTX-MK20-2000 is not bought at the same time
WSG-NG-INCL	When the software is bought at the same time as a marking machine type MTX-MK1 or MTX-MK20-SP2000
WSG-NG-UPGRADE	Ugrade your older version to the latest one

Medium-Wall Heat Shrinkable Tubing

System demands		Can run under these environments
Processor type:	Min. Pentium II	• Windows 98 SE (Second Edition)
RAM memory:	64 MB	• Windows NT with at least Explorer 4.0x
Hard drive:	At least 10 MB free space	• Windows ME
CD-reader:	Yes	• Windows 2000
		• Windows XP

We recommend a more powerful computer because it will execute the processes quicker.

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WinSign

Specifications – Marking Methods

What can WinSign do?

WinSign software is ideal for project handling, production and printout of Partex customized marking products on site. The software operates under a Windows platform and can import files from Excel-, CAD or pure text files. The information that is created in WinSign is saved in a database format. All this is controlled by the software's database engine.

WinSign makes it possible to print only the markers you need right away when you are installing a cabinet, etc. This means the information will be accessible quickly for production which reduces the lead time.

WinSign controls almost all marking machines.

Structure

You can work in two ways with WinSign. You can create a whole project with traceability so that you can search for information etc. or you can easily type information in the "Direct Marking" mode to print markers right away.

When creating a project, a Project Manager using WinSign can type in all the marking information for all the different cabinets and machines when he still is at his office. If the electrician has access to this WinSign file he can print out the information on site only for the cabinet he is working on. If he has any questions he can call the Project Manager, because you can see in WinSign who has created the file and his/her phone number.

The "Direct Marking" mode is similar to the Project mode. In "Direct Marking" you don't need to type in any information that can be traced later on. You can print the information right away on any of the Partex marking machines.

Some WinSign functions:

- Imports both marking information and number of markers required from Excel

- Imports information from EPLAN and ELPRO CAD (contact your Regional Sales Office for more information)

- Number generator: ordinary and alphanumeric

- Unique production windows for each printer/machine

- The marker information is typed in a grid that looks like Excel

- Updates and downloads are available on www.tnb-id.ca
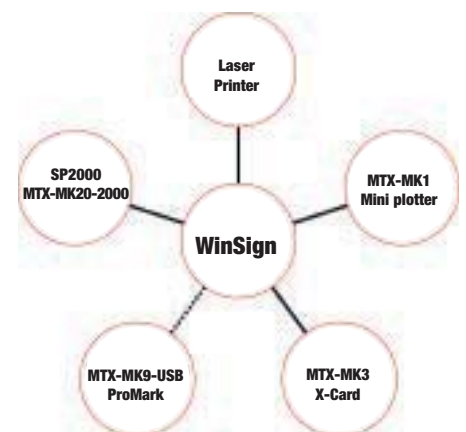
WSG-NG-EXCL

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Printers/Machines that can be controlled by WinSign

MTX-MK1 Mini Plotter

A marking system suited for smaller production. It is excellent to use when you have a revision and used multi character Partex markers for the earlier installation. It's easy to use, portable and can be operated from its own keyboard or from a computer.
Inlay fixtures for MTX-MK1 for marking of:
- Wires
- Positions and components
- Cables
- Terminal blocks

MTX-MK3 X-Card Printer

Card printer for thermal transfer printout of marking tags out of a card in a credit card format. The tags are easily mounted into various holder systems.
Production of:
- Wire markers
- Cable markers
- Components markers

The systems also have cards with various labels sizes. The printer must be used with Partex WinSign software included when you buy an MTX-MK3-P330.

ProMark MTX-MK9-USB

A marking system suited for smaller production. It is excellent to use when you have a revision and used multi character Partex markers for the earlier installation. It's easy to use, portable and can be operated from its own keyboard or from a computer.
Inlay fixtures for MTX-MK1 for marking of:
- Wires
- Positions and components
- Cables
- Terminal blocks

MTX-MK20-SP2000 Marking System

A marking machine for profiles MTX-MK20-SP2000 feeds, prints and automatically cuts sleeves to the desired length. Controlled from own keyboard or from a PC with WinSign. High production capacity.
Production of:
- Wire markers
- Cable markers
- Heat shrink markers

WSG-EXCL Laser Printer

The labels are put into various Partex holder systems.
Low cost production of:
- Wire markers
- Cable markers
- Position and components markers
We recommend laser printers type HP2100/2200.

PF/PFA

PF Label Material

- Label material for cables, wires, cabinets and components
- For holder systems PTPLUS, PTZPLUS, PM
- Easy to separate in rigid polyester foil, specially pre-processed for printing
- Halogen free
- Print-out by matrix or laser printer (HP2100/2200)
- Fast, convenient marking on site with WSG-NG-EXCL WinSign software for Windows
- A low cost 2-component solution for marking before and after connection of wires and cables

Specifications

Design

The PF labels come on a perforated sheet with tractor feed. Individual labels are detachable or picked in any order to facilitate mounting and overview. This enables simplified sheet feeding through a laser printer. Special top coating allows multiple laser printer feedings of same sheet. The PF marking labels are intended to be mounted in PTPLUS, PTZPLUS, PTC or PM holders to enable wire, cable and component marking.

Material

Polyester foil, specially pre-processed for printing.

Colours

Sheet is white on one side, yellow on the other side.

Print / Text

Printed with WSG-NG-EXCL WinSign software and by recommended laser printer (HP2100/HP2200). Windows full font is available with WinSign for your own choice of readability, number of characters and lines required.

Printing Equipment

Industrial matrix printer for PF labels. Laser printer with straight feed of sheets for PF marker labels. Printout with Partex WinSign software.

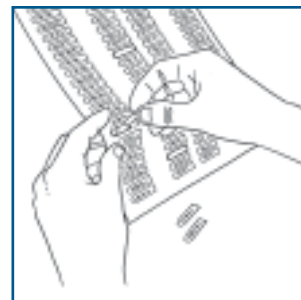### Temperature Range

From -30ºC to +120ºC (-22ºF to +248ºF)

N.B.: Withstands laser printing.

Durability

Withstands most solvents.

For application in hostile enviroments, please contact your Regional Sales Office for informaton.

For label holder systems see separate product data sheets!

PF/PFA

Applications

Dimensions in mm (nominal)

Cat. No.	Height (H)	Length (L)
PF-10015KT49	4.6	15.0
PF-10021KT49		21.0
PF-20018KT49	9.5	17.5
PF-07533KT49	7.6 – 7.8	33.0

Size and Packaging

Cat. No.	Number of labels per sheet	Number of sheets per pack	Number of labels per pack	Colour	Sheet format
PF-10015KT49	66 x 12		7920		
PF-10021KT49	66 x 9	10	5940	Yellow / White	A4 width, 12 in. length
PF-20018KT49	32 x 11		3520		
PF-07533KT49	25 x 4		1000	White	

PF-Tractor feed sheets for matrix printer are coloured yellow on one side and white on the other and printable on both sides and only applicable for PF10 OCH PF-20.
One order = 10 sheets

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PF/PFA

Specifications – PF Label Material

- Halogen-free self-adhesive label on sheet for direct marking of components in control cabinets
- Label modules pre-perforated in standardized 17.5 mm units
- Print-out by laser printer
- Installation time can be 4 times faster than label combination systems

Design

Perforated self-adhesive display material with adhesive on paper base. Folded sheets A4 width and tractor feed. 12 in. sheet length with tear initiation. The PFA label is intended for component marking with the standardized width of 17.5 mm.

Material

Self-adhesive polyester foil, specially pre-processed for printing.

Colours

White or yellow.

Print / Text

Printed with aid of WSG-NG-EXCL WinSign software and by recommended laser printer type HP2100/2200. WinSign handles the Windows installed True Type fonts.

Temperature Range

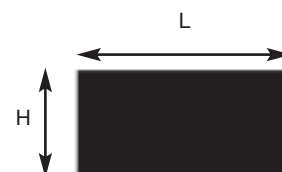From -30ºC to +120ºC (-22ºF to +248ºF)

N.B.: Withstands laser printing.

Durability

Withstands most solvents.

For application in hostile environments, please contact Regional Sales Office for informaton.

Cat. No.	Height	Length
PFA20018KT	9.5	17.5

Cat. No.	Number of labels (lines x columns)	Number of 12 in. Sheets/Pack	Total number of Labels/Pack
PFA20018KTØ	32 x 11	10	3520

Ø = 4 Yellow; 9 White
One order = 10 sheets

PM

PM Cable Marking For PF Labels

- Transparent holder for cable marking with Partex marking labels, tapes and tags for series PF, PL, PP or PFC

- Four lengths, three widths cover most cable marking demands

- Fitting and fastening with Ty-Rap® cable ties (recommend TY524MX)

- Marking labels can be printed on-site using WSG-NG-EXCL WinSign software and various marking equipment

- The label is easily inserted into the holder providing fast installation and protection of the marking

Specifications

Design

Holder for marker tags with punched holes for mounting with cable ties. Two standard lenghts in two sizes 9 mm and 12 mm widths. Suitable marker labels and tags are PF on a A4 size sheet and tags on PFC X-cards in credit card formats. ProMark PP profile tags and PL tapes can also be used. The labels or tags are easily pushed into the holder and will be protected from dust, oil etc.

Material

Cadmium and silicon free soft PVC according to special formula.

Colours

Transparent

Temperature Range

Shape permanence from -30ºC to + 60ºC
(-22ºF to +140ºF)

Resistance

The product is tested by the Swedish National Test and Research Institute according to the Partex Product Test program and has the following test properties:

- Flammability resistance: UL94-V0

- Resistance to UV radiation: corresponds to 1 year outdoors in the south of Sweden

- Chemical resistance: meets Partex Product test and aging Program criteria

- Thermal resistance: meets norms of Partex Product Test Program standards.

For application in hostile environments, please contact your Regional Sales Office for information.

PM

Marking methods

Dimensions in mm (nominal)

Cat. No.	Length (L)	Width (B1)	Thickness (T)	Size of Holes (S)	Width (B2)
PM-10033AN	33	6	1.5	3	5
PM-20033AN		11.3	2.2		10
PM-24033AN		13.9	2.5	3.9	12.5
PM-20045AN	45	11.3	2.2	3	10
PM-20066AN	66				
PM-24066AN		13.9	2.5	3.9	12.5
PM-24094	94				
PM-20KNT	20M	11.3	2.2	–	–
PM-20QKNT				3	10
PM-24KNT		13.9	2.5	–	–
PM-24QKNT				3.9	12.5
PM-20SNT	5M	11.3	2.2	–	–
PM-20QSNT				3	10
PM-24SNT	4M	13.9	13.9	–	–
PM-24QSNT				3.9	10

QKNT = Profiles ready-punched at 10 mm's intervals, 20 meters per carton.
KNT = Unpunched profiles, 20 meters per carton.
AN = Cut marker holders in standard lengths.
QSNT = Profiles ready-punched at 100 mm intervals, mounted on compactadisc.
SNT = Unpunched profile on compactadisc.

Size and Packaging

Cat. No.	Description	Number/Pack
PM-10033AN	PM10/33 transparent holder 33 mm cut loose in bag	
PM-20033AN	PM20/33 transparent holder 33 mm cut loose in bag	100 PCS
PM-24033AN	PM20/45 transparent holder 45 mm cut loose in bag	
PM-20066AN	PM20/66 transparent holder 66 mm cut loose in bag	50 PCS
PM-24033AN	PM24/33 transparent holder 33 mm cut loose in bag	100 PCS
PM-24066AN	PM24/66 transparent holder 66 mm cut loose in bag	50 PCS
PM-240094AN	PM24/94 transparent holder 94 mm cut loose in bag	
PM-20KNT	PM20 profile transparent	20 M
PM-20QKNT	PM20 profile punched transparent in carton	
PM-24KNT	PM24 profile transparent in carton	
PM-24QKNT	PM24 profile punched transparent in carton	
PM-20SNT	PM20 profile transparent	5 M
PM-20QSNT	PM20 profile punched transparent on compactadisc	
PM-24SNT	PM24 profile transparent on compactadisc	4 M
PM-24QSNT	PM24 profile punched transparent on compactadisc	
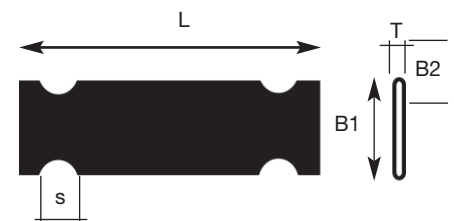
Accessories

Cat. No.	Suitable Marking Label	Label Height mm
PM-10033AN	PF10021, PP-04200SN	4.2
PM-20033AN	PF20018, ProMark PP-09000SN	9.0
PM-20045AN	MTX-MK9-PL090CN, MK8-PL090CN, ProMark PP-09000SN	
PM-24033AN	PF20018 1 pce, PFC09518KA	12.0
PM-20066AN	PF20018; 1, 2 or 3 modules, PFC09518KA, ProMark PP-09000SN, MK9-PL090CN, MK8-PL090CN	9.0
PM-24066AN	MK9-PL012CN PF20018; 1, 2 or 3 modules, PFC09518KA	12.0
PM-24094AN	MK9-PL090CN	
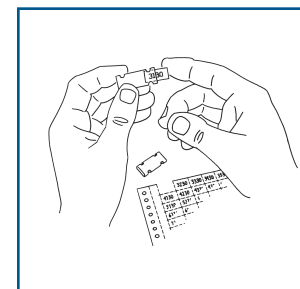
PTPLUS

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PTPLUS Wire Marker Holder For PF Labels

- Improved holder similar to PA profile with oval shaped pocket for marker labels and tags

- The marker pocket's resilient design protects and fastens marker tag

- Fast and easy assembly of marker by applying pressure once on marker pocket

- The flexible bellows design of the holder allows rapid and adaptable mounting on wires and cables

Specifications

Design

PTPLUS is a closed marker holder of improved bellows design with a pocket to hold marker tags of types PF, PFC or PP. The new bellows design with grooves decreases the friction up to 50% when the sleeve is pushed on the wire. The holder is transparent and is mounted directly on the cable or wire before assembly. The marker tag can be affixed before or after assembly. The holder does not require much space, PTPLUS02 and PTPLUS10 fit wires to 5 mm terminal block widths.

Material

Cadmium and silicon free soft PVC according to Partex formula.

### Colours

Transparent.

Temperature Range

Shape permanence from -30ºC to + 60ºC
(-22ºF to + 140ºF)

N.B.: Only the sleeve.

Resistance

The product is tested by the Swedish Test and Research institute according to the Partex Product Test Program and has the following test properties:

- Flammability resistance: UL94-VO

- Resistance to UV radiation: corresponds to 1 year outdoors in the south of Sweden

- Chemical resistance: meets Partex Product Test Program criteria (except for battery acid)

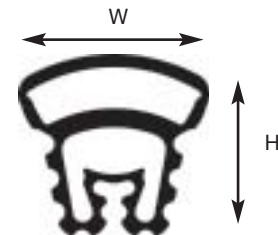- Thermal and aging resistance: meets Partex Product Test Program standards

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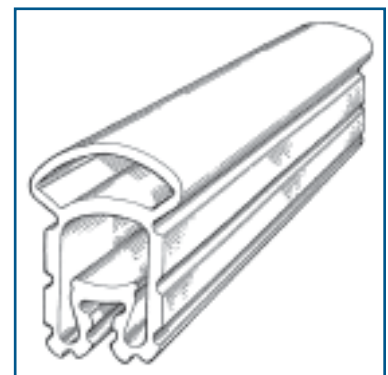
PTPLUS

Application

Dimensions in mm (nominal)

Product Type	AWG	Length	Width	Height
PTPLUS02	22-16	12/15/18/21/30	5	5
PTPLUS10	16-11			7
PTPLUS20	13-5		6	10
PTPLUS30	5-		10	19
PTPLUS40	0	15/21/30	N/A	N/A

Size and Packaging

Cat. No.	Diameter mm	Intended for Marker size (in.)	Area mm²	AWG	Qty. Pack	Suitable PF Labels	Suitable PFC Tags	Suitable PP Profile
PTPLUS02012A	~1.3 – 3.0	0.051 – 0.118	~0.25 – 1.5	~ 22 – 16	200 PCS	-	PFC04212	PP-04600SN
PTPLUS10012A	~2.5 – 5.0	0.098 – 0.196	~1.5 - 4.0	~ 16 – 11				
PTPLUS20012A	~4.0 – 10.0	0.157 – 0.393	~2.5 - 15.0	~ 13 – 5	100 PCS			
PTPLUS30012A	~8.0 – 16.0	0.314 – 0.629	~16.0 – 70.0	~ 5 – 3/0	50 PCS			
PTPLUS02015A	~1.3 – 3.0	0.051 – 0.118	~0.25 – 1.5	~ 22 – 16	200 PCS	PF-10015	PFC04215	
PTPLUS10015A	~2.5 – 5.0	0.098 – 0.196	~1.5 – 4.0	~ 16 – 11				
PTPLUS20015A	~4.0 – 10.0	0.157 – 0.393	~2.5 – 15.0	~ 13 – 5	100 PCS			
PTPLUS30015A	~8.0 – 16.0	0.314 – 0.629	~16.0 – 70.0	~ 5 – 3/0	50 PCS			
PTPLUS40015A	~16.0 – 22.0	–	~ 50.0 – 150.0	~ 0				
PTPLUS02018A	~1.3 – 3.0	0.051 – 0.118	~0.25 – 1.5	~ 22 – 16	200 PCS	-	PFC04218	
PTPLUS10018A	~2.5 – 5.0	0.098 – 0.196	~1.5 – 4.0	~ 16 – 11				
PTPLUS20018A	~4.0 – 10.0	0.157 – 0.393	~2.5 – 15.0	~ 13 – 5	100 PCS			
PTPLUS30018A	~8.0 – 16.0	0.314 – 0.629	~16.0 – 70.0	~ 5 – 3/0	50 PCS			
PTPLUS02021A	~1.3 – 3.0	0.051 – 0.118	~0.25 – 1.5	~ 22 – 16	200 PCS	PF-10021	PFC04221	
PTPLUS10021A	~2.5 – 5.0	0.098 – 0.196	~1.5 – 4.0	~ 16 – 11				
PTPLUS20021A	~4.0 – 10.0	0.157 – 0.393	~2.5 – 15.0	~ 13 – 5	100 PCS			
PTPLUS30021A	~8.0 – 16.0	0.314 – 0.629	~16.0 – 70.0	~ 5 – 3/0	50 PCS			
PTPLUS40021A	~16.0 – 22.0	–	~ 50.0 – 150.0	~ 0				
PTPLUS02030A	~1.3 – 3.0	0.051 – 0.118	~0.25 – 1.5	~ 22 – 16	200 PCS	-	PFC04230	
PTPLUS10030A	~2.5 – 5.0	0.098 – 0.196	~1.5 – 4.0	~ 16 – 11				
PTPLUS20030A	~4.0 – 10.0	0.157 – 0.393	~2.5 – 15.0	~ 13 – 5	100 PCS			
PTPLUS30030A	~8.0 – 16.0	0.314 – 0.629	~16.0 – 70.0	~ 5 – 3/0	50 PCS			
PTPLUS40030A	~16.0 – 22.0	0.629 – 0.866	~ 50.0 – 150.0	~ 0				

System Solutions for Do-it-yourself Marking on Site

Print on	Recommended Printer	Partex Software
PF MARKING LABELS	Epson LQ870 matrix printer/HP laser printer	WSG-NG-EXCL
PFC MARKING CARDS	Thermal transfer printer X-Card MTX-MK3	WSG-NG-INCL
PP PROFILE	ProMark MTX-MK9 marking machine	WSG-NG-INCL