

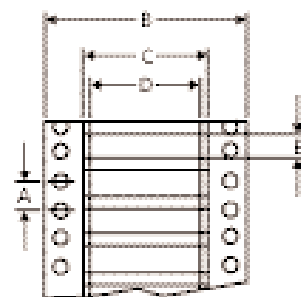
SHRINK-TAG MARKERS

HellermannTyton's Shrink-Tag system is a heat shrink identification method which makes it easy to mark wire, cable, terminals, and other components.

For efficient marking, Shrink-Tags can be printed using HellermannTyton's thermal transfer printers and the TTHST ribbons. Shrink-Tags are also pin-fed for use with selected 9 pin dot matrix printers. TagPrint software can be used with a standard dot matrix printer to print on the Shrink-Tag markers. Marks can also be made with a printer, typewriter, or pen. After the Shrink-Tag is heated and shrunk, the imprint is permatized and solvent resistant.

Shrink-Tag is self-extinguishing and recognized to U.L. standard 224 for print performance, heat shock and flammability.

HellermannTyton also offers a military specified version of the Shrink-Tags, in both yellow and white, with or without perforations. When used with a dot matrix or HellermannTyton thermal transfer printer, these military specified Shrink-Tags meet Mil-I-23053/5, Class I and III, Mil. Std. 202 Method 215 (except solvent C because it is ozone depleting), and Mil-M-81531 for print performance.



Shrink-Tag Markers

Material: Flexible, radiation cross-linked polyolefin

Shrink Ratio:	3 to 1
Shrink Temp.:	212°F (100°C)
Temp. Range:	-22°F to +220°F (-30°C to +105°C)
Mil-Specified version=	-67°F to +275°F (-55°C to +135°C)
Rating:	600 Volts. Tensile Strength: 150 PSI.
Packaging:	250 markers per box. On a roll.
Specifications :	Flammability - U.L. 224. U.L. Recognized.
Mil-Specified version=	Mil-M-81531 for print performance.
	Mil-M-23053/5 Class I and III.
	MilSTD 202 Method 215 (except solvent C)

Shrink-Tag Markers

HellermannTyton Part No.		Dimensions In. (mm)					Diameter (per inch)		Wire Size Range AWG/MCM	Pkg. Qty.
		A	B	C	D	E	As Supplied	Use Range		
THS-610BM THS-610Y THS-610YP THS-610YM THS-610YMP	THS-610W THS-610WP THS-610WM THS-610WMP	.50" (12.70mm)	3.50" (88.90mm)	2.25" (57.15mm)	2.00" (50.80mm)	.235" (5.97mm)	.125	.044 - .100	18 - 22	250 markers on a roll
THS-615BM THS-615Y THS-615YP	THS-615W THS-615WP	.50" (12.70mm)	3.50" (88.90mm)	2.25" (57.15mm)	2.00" (50.80mm)	.312" (7.92mm)	.187	.089 - .122	12 - 18	250 markers on a roll
THS-620BM THS-620Y THS-620YP THS-620YM THS-620YMP	THS-620W THS-620WP THS-620WM THS-620WMP	.50" (12.70mm)	3.50" (88.90mm)	2.25" (57.15mm)	2.00" (50.80mm)	.42" (10.67mm)	.250	.091 - .219	10 - 16	250 markers on a roll
THS-625BM THS-625Y THS-625YP	THS-625W THS-625WP	.50" (12.70mm)	3.50" (88.90mm)	2.25" (57.15mm)	2.00" (50.80mm)	.625" (15.87mm)	.375	.137 - .320	8 - 14	250 markers on a roll
THS-630BM THS-630Y THS-630YP THS-630YM THS-630YMP	THS-630W THS-630WP THS-630WM THS-630WMP	.50" (12.70mm)	3.50" (88.90mm)	2.25" (57.15mm)	2.00" (50.80mm)	.83" (21.00mm)	.500	.183 - .425	2 - 10	250 markers on a roll
THS-635Y THS-635YP THS-635YM THS-635YMP THS-635BM	THS-635W THS-635WP THS-635WM THS-635WMP	.50" (12.70mm)	3.50" (88.90mm)	2.25" (57.15mm)	2.00" (50.80mm)	1.20" (30.48mm)	.750	.315 - .725	6 - 0000	250 markers on a roll
THS-640Y THS-640YP THS-640YM THS-640YMP	THS-640W THS-640WP THS-640WM THS-640WMP	.50" (12.70mm)	3.50" (88.90mm)	2.25" (57.15mm)	2.00" (50.80mm)	1.69" (42.93mm)	1.000	.366 - .876	1 - 400	250 markers on a roll

Y = YELLOW

W = WHITE

P = PERFORATED

M = MILITARY SPECIFIED

B = BLACK

ALARM CARDS

HellermannTyton provides pre-printed cards of labels to mark wires in alarm panels. Manufactured from laminated polyester, HellermannTyton alarm cards contain the most commonly used legends to mark wire and cable in typical alarm installations. The text is beneath 1/2 mil of mylar which is resistant to abrasion, petroleum based solvents, alcohols, and water. The markers are white with black text.

Alarm Cards			
HellermannTyton Part No.	Marker Size WxL	Temperature Range	Pkg. Qty.
TYHCALARM1	.25"x1.5"	-40°F to 350°F (-40°C to 176.7°C)	25 cards
TYHCALARM2	.25"x1.5"	-40°F to 350°F (-40°C to 176.7°C)	25 cards

See legends as shown. Not shown actual size.

Alarm Card Legends



HANDI-CARDS

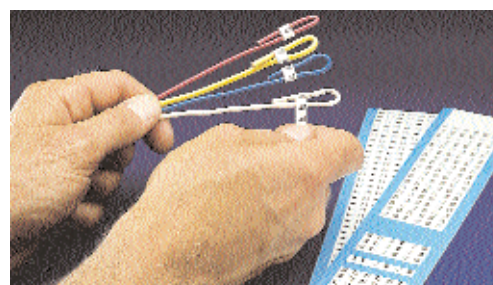
HellermannTyton Handi-Cards are easy release markers on a plastic card. They feature a strong adhesive which assures a long lasting bond on wire. Permanent, pre-printed legends are available in solid or sequence order.

Sequence Handi-Cards

Each marker on the card contains a different number or letter. It runs in sequence beginning with the lowest number or letter first, and ending with the highest.

Sequence Handi-Cards

HellermannTyton Part No.	Markers Per Card	Pkg. Qty.
TYHC1-33	33	25 cards
TYHC34-66	33	25 cards
TYHC67-99	33	25 cards
TYHCA-Z	33	25 cards



Sequence cards shown above.

Solid Handi-Cards

Each marker on the card contains the same legend.

Solid Handi-Cards

HellermannTyton Part No.	Markers Per Card	Pkg. Qty.
TYHC0,1,2,thru 99	36	25 cards
TYHC100	25	25 cards
TYHCA,B,C, thru Z	36	25 cards
TYHCL1,L2,or L3	36	25 cards
TYHCT1, T2, or T3	36	25 cards

Handi-Cards are made from vinyl cloth (Adhesion to steel: 40oz./in. of width. Temperature range: -40°F to 250°F (-40°C to 121.1°C)).

Handi-Card Legends

Handi-Card legends listed below are also available with **a lead time of 3-4 weeks**. These legends require a one box minimum.

Solid

TYCH* — 0 thru 999 — A thru Z

Legends listed below come one per box (ex: A1).

A1, A2, A3, A4, A5, A6

B1...B6	H1...H6	R1...R5
C1...C6	J1...J4	S1...S5
D1...D6	K1...K4	T1...T10
E1...E6	L1...L6	X1...X4
F1...F6	M1...M6	Y1... Y4
G1...G4	P1...P4	Z1...Z4

*Each legend to be ordered separately. Example: To order a box of A3, order TYHA3. Please contact HellermannTyton for more details.

Voltage

3V FM	280V POS	BUS C+
6V FWD	440V PRI	CAP C-
12V GEN	460V SEC	CC +
24V GND	480V SIC	CM -
110V HOT	AC SPARE	COM LOAD
115V IGN	ALI 1PHASE	CT LOW
120V IN	AM 2 PHASE	CUR MED
125V LINE	ANT 3 PHASE	CW NEG
220V PHASE	ARM A+	DC OFF
230V PHASE A	BAT A-	DD ON
240V PHASE B	BB B+	FF OUT
270V PHASE C	BELL B-	

Colors: RD= Red, YL=Yellow, LB= Light Blue, DB= Dark Blue, LG= Light Green, DG= Dark Green, BR= Brown, OR= Orange, PK= Pink, GY= Gray, BK= Black, WH= White

Machine

Legends listed below come one per box (Ex:1T1).

1T1, 1T2, 1T3	8T1...8T3	15T1...15T3
2T1...2T3	9T1...9T3	1L1...1L3
3T1...3T3	10T1...10T3	2L1...2L3
4T1...4T3	11T1...11T3	3L1...3L3
5T1...5T3	12T1...12T3	4L1...4L3
6T1...6T3	13T1...13T3	5L1...5L3
7T1...7T3	14T1...14T3	6L1...6L3

Sequence Repeated

1-3	17-32	1T-3T3
1-5	1-18	4T1-6T3
1-6	19-36	7T1-9T3
1-9	A-E	1L1-3L3
0-9	F-J	A1-A4
0-10	K-O	F1-F4
1-12	P-T	H1-H9
1-16	U-Z	

Sequence Card Numbers

1-33
34-66
67-99
100-124
125-149...1975-1999

HANDI-PAKS

- Convenient pocket sized booklets
- Black non-smear legends on a white background
- Plastic coated cloth material remains flexible
- Strong adhesive assures firm bond on wire

Handi-Paks		
HellermannTyton Part No.	Description	Pkg. Qty.
TCWM1	45 Markers each #0-9	1 booklet
TCWM2	10 Markers each A-Z, 1-15, +, -, /	1 booklet
TCWM3	10 Markers each 1-45	1 booklet
TCWM4	150 markers each 1,2,3	1 booklet
TCWM5	150 Markers each A, B, C	1 booklet
TCWM6	150 Markers each T1, T2, T3	1 booklet
TCWM7	150 Markers each L1, L2, L3	1 booklet
TCWM8	6 Markers each 1-15 4 Markers each 16-90 2 Markers each A-Z, +, -, /, 0	1 booklet
TCWM9	45 Markers each 1,2,3,A,B,C 30 Markers each L1, L2, L3 30 Markers each T1, T2, T3	1 booklet
TCWM10	45 Markers each of 10 NEMA colors	1 booklet
TCWM11	15 Markers each of #1-30	1 booklet
TCWM12	15 Markers each A-Z 21 Markers Blank 8 Markers + 7 Markers ±	1 booklet
TCWM13	45 Markers each +, -, AC, DC 33 Markers each POS, NEG, GND 27 Markers NEUT 21 Markers each SPARE & BLANK	1 booklet
TCWM14	45 Markers each 0-9 15 Markers each L1, L2, L3 15 Markers each T1, T2, T3	1 booklet
TCWM15	10 Markers each 46-90	1 booklet
TCWM16	10 Markers each 1-33, A, B, C, +, -, T1, T2, T3, L1, L2, L3	1 booklet

Handi-Paks are made from vinyl cloth (Adhesion to steel: 40oz./in. of width. Temperature range: -40°F to 250°F (-40°C to 121.1°C)).



WIRE MARKER TAPE

The wire marker tape dispenser provides a convenient, economical system for wire marking. HellermannTyton's wire marker tape features sharp, crisp legends which are coated to resist smearing and abrasion. It is provided on a carrier strip to prevent contamination of the adhesive prior to installation, assuring permanent, non-flagging marker ends.

Specifications

Dimensions: 1/4" wide x 1-1/4" long
Markers Per Roll: 76 each legend
Marker Material: Tyvek* is a polyolefin material that resists tearing and abrasion.
Adhesive: Aggressive acrylic base.



Wire Marker Tape		
HellermannTyton Part No.	Description	Units per Merchandiser
WMTD0-9	One wire marker tape dispenser with 10 rolls of markers—1 roll each of 0-9 legends	1 dispenser
WMTDM	Wire Marker Tape Dispenser Merchandiser. Each dispenser contains 10 rolls, 0-9 legends	1 merchandiser
WMTM	Wire Marker Tape Merchandiser 10 Boxes of 0-9 Legends/Box, 10 Boxes of One Number/Box, 10 Rolls Per Box	1 merchandiser
WMT0-9	Single box of wire marker tape refill. One roll each of 0-9 legends.	1 refill

Other legends are available including letters, +, -, and all 10 rolls of one legend. For legends other than 0-9, use WMT or WMTD (prefix) and legend (suffix). For example, WMTA or WMTDA equals all "A" legends. Contact HellermannTyton for more information.

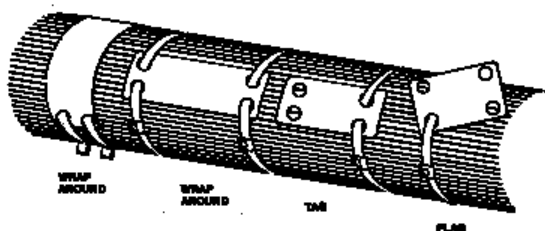
Complete merchandisers are shrink wrapped for clean storage.

*Tyvek is a registered DuPont product.

IDENTIFICATION MARKER PLATES

Identification marker plates can be mounted in any direction, either vertically or horizontally as flags, tags, or wraparound identification plates. They can be marked with HellermannTyton marking pen (Part Number FTP) or hot stamped.

These marker plates are manufactured from nylon and are white.



Identification Marker Plates					
HellermannTyton Part No.	Cable Tie Series	Dimensions – In. (mm)			Pkg. Qty.
		L	W	A	
IMP1.510C2 IMP1.510M4	T18 Series	1.50" (38.1)	.75" (19.1)	1.03" (26.2)	100 1000
IMP1.7510C IMP1.7510M4		1.75" (44.5)	.75" (19.1)	1.28" (32.5)	100 1000
IMP2.10C2 IMP2.10M4		2.00" (50.8)	.75" (19.1)	1.53" (38.9)	100 1000
IMP2.510C2 IMP2.510M4	T50 Series	2.50" (63.5)	.75" (19.1)	2.03" (51.6)	100 1000
IMP3.510C2 IMP3.510M4		3.50" (88.9)	.75" (19.1)	3.03" (77.0)	100 1000
IMP2.5W1.7510C2 IMP2.5W1.7510H4		2.50" (63.5)	1.75" (44.5)	2.03" (51.6)	100 500