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LPT-1
Access

CH5 ZIPTAPE

ZIPTAPE[®]
LABEL I.D. SYSTEMS

ZIPTAPE HISTORY

The Ziptape Company was created in the mid 1960's to meet the needs of the fast growing wire harness industry. Originally started to support the innovative wire jacketing systems invented by Walter A. Plummer (Founder of Zippertubing Co. in 1957), Ziptape soon became an independent subsidiary of Zippertubing. Ziptape products now set the standard for identification in the wire management industry. Product innovations include: The MityMark compact portable dispenser system,

Rite & Wrap II, Bench type dispenser systems, and Top loading dispenser systems. Ziptape products are manufactured in Tempe, Arizona utilizing specially designed equipment and techniques specifically engineered to exceed industry standards. The Ziptape team continually strives to produce the highest quality, best value and easiest to use Wire Management Systems available at any price.

OUR COMMITMENT

The Ziptape Company headquartered in Tempe, Arizona manufactures and markets Identification and Labeling Systems and is constantly increasing and improving on all offered products.

As a part of our product offering we provide a complete line of dot matrix, laser, and thermal transfer labels for wire, cable and component identification. A wide range of sizes and materials are available to satisfy most every identification need.

In addition, we stand prepared to manufacture custom labels produced to meet or exceed customer specifications and requirements.

Our product offering, in response to customer demand, has been expanded to include items such as cable ties, surface raceway, thermal transfer printers, and user friendly labeling software (manufactured to our specifications). The addition of these items to our line has allowed us to become a recognized force in the marketplace when it comes to specifying items needed to route, maintain, secure or identify wires or salient components.

OUR GOAL IS TO PROVIDE QUALITY PRODUCTS, IN A TIMELY MANNER, FREE OF DEFECTS AT A COMPETITIVE PRICE

www.ziptape.com

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THERMAL TRANSFER PRINTER LABELS

Thermal transfer labels provide efficient on-demand printing capability. Utilizing premium materials and precision manufacturing techniques, “THL” thermal transfer labels set the industry standard for Quality, Performance, Value, and Durability.

- Crisp, high density, non-smear printing for superb clarity.
- Label materials available to provide solutions for any application.
- Ease of use ensures maximum productivity in manufacturing environments.
- Innovative design allows use on most existing thermal transfer printers.
- Labels provide efficient on-demand printing.
- Contact factory for printers and software.
- For additional data including formatting information refer to our website.



www.ziptape.com

MATERIAL DATA

Material Code	700	701	702	727	728	729	730	401	402	403	404	408
Type	Polyester	Polyester	Polyester	THS-Vinyl	Polyvinyl Fluoride (Tedlar®E)	THS-Polyester	Metallized Polyester	Polyimide	Polyimide	Polyimide	Polyimide	Anti-static polyimide
Description	White gloss	White matte	White gloss	Self-laminating clear acrylic	Self-laminating clear acrylic	Self-laminating clear acrylic	Silver gloss	Amber	White gloss	White gloss	Buff	White gloss
Adhesive	acrylic	acrylic	acrylic	clear acrylic	clear acrylic	clear acrylic	acrylic	acrylic	acrylic	acrylic	acrylic	acrylic
Temperature Range	-40~F to 302~F	-40~F to 302~F	-20~F to 300~F	-40~F to 150~F	-40~F to 225~F	-40~F to 302~F	-40~F to 302~F	-40~F to 572~F	-40~F to 500~F	-40~F to 500~F	-40~F to 500~F	-40~F to 500~F
Thickness	2 mil	2.5 mil	2.5 mil	3.5 mil	1 mil	1 mil	2 mil	2 mil	1 mil	2 mil	2 mil	2 mil
Properties	Excellent Printability	Excellent Printability	Removable adhesive	resists oil, water and solvent	resists oil, water and solvent	resists oil, water and solvent	resists oil, water and solvent	Excellent heat and solvent resistance				
Applications	Solvent and scratch resistant labels	Solvent and scratch resistant labels	Removable labels for temporary identification	Label legend is over-wrapped by clear portion for durability	Label legend is over-wrapped by clear portion for durability	Label legend is over-wrapped by clear portion for durability	Rating plate applications	Wave solder applications for top and bottom of circuit boards	Wave solder applications for top and bottom of circuit boards	Wave solder applications for top and bottom of circuit boards	Wave solder applications for top and bottom of circuit boards	Wave solder applications for top and bottom of circuit boards
Ribbons	R-510*	R-510	R-510*	R-510	R-510	R-510	R-510*	R-510	R-510 * #	R-510 * #	B110A	R-510

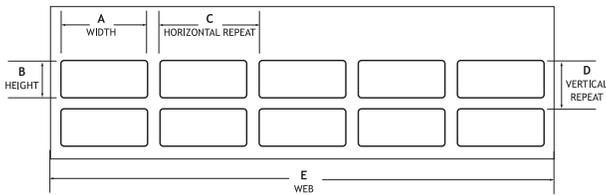
® The following materials are UL listed: 700, 702, 730, 402, 403.

* indicates a UL tested and approved ribbon/substrate combination

Passes MIL-STD-202F, Notice 12, Method 215J

Ziptape products are sold with the understanding that the purchaser will test them in actual use and determine their suitability. The suggested substrate/ribbon combinations listed should yield excellent results. Actual field testing is the only way to be sure the combination will work as the purchaser intends.

There are hundreds of ribbons available today. Many have been specifically formulated for the application in need. Ribbons are available in many widths, on different size cores, coated side in or coated side out (CSI/CSO), and in multiple lengths. Check each application to determine what parameters are needed when ordering a ribbon. Ribbon is consumed by the printer at the same rate as the stock material. (You will need 100' of ribbon for each 100' of label stock you are printing.)



PART NO.	LABEL WIDTH	LABEL HEIGHT	HORIZ. REPEAT	VERT. REPEAT	WEB WIDTH	LABELS/ROW
Legend	A	B	C	D	E	
THL-125	0.24	0.17	0.34	0.27	1.80	5
THL-128	0.25	0.20	0.39	0.50	1.95	5
THL-100	0.25	0.25	0.25	0.38	3.20	12
THL-113	0.27	0.27	0.50	0.50	2.50	5
THL-121	0.28	0.16	0.28	0.44	3.68	12
THL-111	0.31	0.31	0.50	0.50	2.50	5
THL-116	0.38	0.38	0.50	0.50	3.00	6
THL-197	0.50	0.13	0.60	0.25	3.03	5
THL-101	0.50	0.25	0.60	0.50	3.00	5
THL-112	0.50	0.44	0.66	0.56	3.35	5
THL-102	0.65	0.20	0.80	0.38	3.20	4
THL-122	0.69	0.16	0.69	0.44	3.25	4
THL-103	0.75	0.25	0.80	0.38	3.35	4
THL-104	0.90	0.25	1.00	0.38	3.00	3
THL-196	0.90	0.75	1.00	0.88	3.50	3
THL-105	1.00	0.38	1.10	0.50	3.38	3
THL-106	1.00	0.50	1.10	0.62	3.38	3
THL-118	1.25	0.25	1.38	0.38	2.75	2
THL-115	1.50	0.12	1.65	0.25	3.35	2
THL-114	1.50	0.25	1.60	0.38	3.20	2
THL-119	1.50	0.50	1.70	0.62	3.40	2
THL-300	1.50	0.88	1.60	1.00	3.30	2
THL-107	1.75	0.25	1.90	0.38	3.80	2
THL-124	1.75	0.50	1.75	0.60	1.95	1
THL-108	1.85	0.38	2.00	0.50	4.10	2
THL-198	2.00	0.19	2.00	0.38	2.20	1
THL-117	2.00	0.25	2.10	0.38	4.25	2
THL-109	2.00	0.38	2.10	0.50	4.20	2
THL-120	2.00	0.50	2.00	0.63	2.25	1
THL-110	3.00	0.31	3.00	0.50	3.12	1
THL-110	4.00	6.50	4.00	6.63	4.20	1

Hi-Temp Labels that withstand:

- Direct Wave
- Acid Based-Fluxes
- Saponifiers
- Organic Solvents
- Aqueous Washes
- Solvent Baths
- Alcohol Based-Fluxes
- IR Reflow & IR Ovens
- Available in a wide range of materials.

When Ordering:

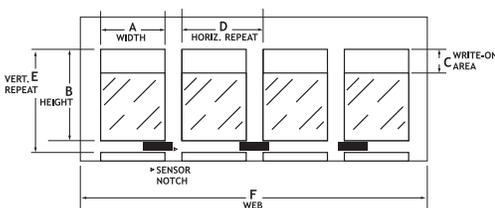
Specify label size and material (page 4).

For Example:

THL-100-700 = THL-100 size in 2 mil polyester.

Visit www.ziptape.com for the latest label sizes.

THS SELF - LAMINATING LABELS



THS-200 Series Labels are available in vinyl film, polyvinyl fluoride (Tedlar®) or polyester with acrylic adhesive. Our triple notch design offers the ultimate in printer flexibility from compact desk models to high capacity industrial printers.

Standard write-on area is white. Colors available on special order basis. Minimums apply, see page 19.

PART NO.	LABEL WIDTH	LABEL HEIGHT	WRITE-ON HEIGHT	HORIZ. REPEAT	VERT. REPEAT	WEB WIDTH	LABELS/ROW
Legend	A	B	C	D	E	F	
THS-200	0.50	1.44	0.50	0.50	1.63	3.75	7
THS-201	0.80	1.44	0.50	0.90	1.63	3.75	4
THS-210	1.00	0.75	0.38	1.10	1.00	3.40	3
THS-205	1.00	1.50	0.50	1.00	1.75	3.30	3
THS-202	1.00	2.25	0.75	1.10	2.50	3.40	3
THS-203	1.00	3.75	1.00	1.10	4.00	3.40	3
THS-208	1.00	7.50	1.50	1.10	7.83	3.40	3
THS-209	1.25	2.25	0.75	1.25	2.50	1.38	1
THS-207	1.90	3.19	0.75	1.90	3.50	4.00	2
THS-204	2.00	2.25	0.75	2.00	2.50	4.20	2
THS-206	2.00	3.75	1.00	2.00	4.00	2.20	1

DOT MATRIX PRINTER LABELS



Dot matrix printer labels are available in a wide range of sizes and materials. Self-Laminating labels are used to identify round and flat wire and cable, while the Blank style labels are designed for marking PC boards and electric components.

Labels are mounted on pinfed, fanfolded sheets, or may be ordered on rolls at the customer's request.

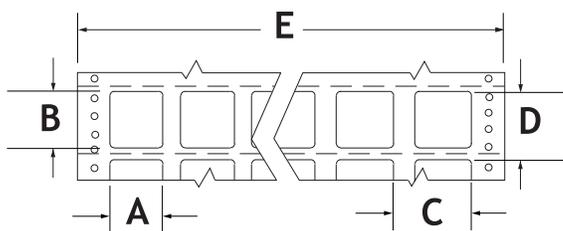
They are compatible with 9 and 24 pin dot matrix printers, word processors, typewriters, or other label printing equipment.

Labels are designed with high quality computer printable coatings to optimize imprintability. Custom materials, sizes and imprinting are available on request. Minimums apply.

MATERIAL DATA

Material Code	VF	CPVF	PF	PVF	MPF	VC	PP
Material	Vinyl Film (Self-Lams)	Polyvinyl Fluoride (TedlarÆ)	Polyester Film	Polyvinyl Fluoride (TedlarÆ)	Metallized Polyester Film	Vinyl Coated Cloth	Paper
Adhesive	Acrylic	Acrylic	Acrylic	Acrylic	Acrylic	Rubber	Rubber
Adhesion to Steel	50 oz./in.	47 oz./in.	45 oz./in.	47 oz./in.	40 oz./in.	45 oz./in.	55 oz./in.
Temperature Range	-40°F to 176°F -40°C to 80°C	-40°F to 225°F -40°C to 106°C	-40°F to 300°F -40°C to 149°C	-40°F to 225°F -40°C to 106°C	-51°F to 275°F -46°C to 135°C	-40°F to 180°F -40°C to 82°C	-50°F to 150°F -46°C to 66°C
Color	Transparent	Clear	White	White	Silver	White	White
Properties	Good conformability. Resistant to oils, water and solvents.	Excellent water, humidity and solvent stability.	High opacity, high temperature performance. Smudge resistant, possesses durability and dimensional stability.	Excellent water, humidity and solvent stability.	Metallic appearance, rich luster, durability and dimensional stability. Print receptive top coat.	Excellent resistance to oil, water and humidity. Adheres well to curved surfaces.	Smudgeproof uncoated surface.
Applications	Designed for self-laminating labels for flat ribbon and round cable identification.	Designed for self-laminating labels requiring good computer printability with self-extinguishing properties.	Applications requiring solvent and high temperature resistance and opacity.	For applications requiring good computer printability with self-extinguishing properties.	Product information, property identification, rating or serial plates, warranty labels.	General-purpose applications.	General-purpose applications

DOT MATRIX BLANK LABELS



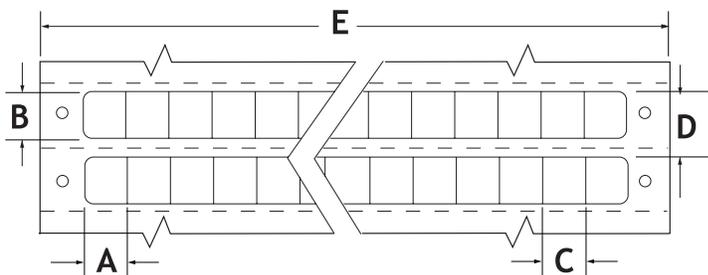
AVAILABLE MATERIALS

- PF Polyester
- PP Paper
- VC Vinyl Cloth
- PVF Polyvinyl Fluoride (Tedlar®)
- PF Metallized Polyester

PART NO.	LABEL WIDTH	LABEL HEIGHT	HORIZ. REPEAT	VERT. REPEAT	WEB WIDTH	LABELS/ROW
Legend	A	B	C	D	E	
TAB 34	0.38	0.38	0.50	0.50	8.90	16
TAB 28	0.50	0.75	0.60	1.00	9.30	14
TAB 25	0.50	1.44	0.60	1.50	8.10	12
TAB 23	0.65	0.20	0.80	0.25	8.85	10
TAB 26	0.75	0.25	0.90	0.33	9.00	9
TAB 19	0.80	1.44	0.90	1.50	6.30	6
TAB 16	0.90	0.25	1.00	0.33	8.90	8
TAB 20	1.00	0.38	1.10	0.50	8.60	7
TAB 24	1.00	0.50	1.10	0.67	8.60	7
TAB 17	1.25	0.38	1.40	0.50	9.25	6
TAB 27	1.50	0.25	1.80	0.33	8.00	4
TAB 18	1.50	0.75	1.70	1.00	7.63	4
TAB 31	1.75	0.25	2.08	0.33	9.00	4
TAB 21	2.00	0.38	2.10	0.50	9.30	4
TAB 36	2.80	1.50	2.90	1.63	9.50	3
TAB 22	3.00	0.38	3.10	0.50	7.10	2
TAB 38	3.90	1.44	4.00	1.50	8.90	2

See page 19 for custom label order information.

DOT MATRIX BUTT CUT BLANK LABELS

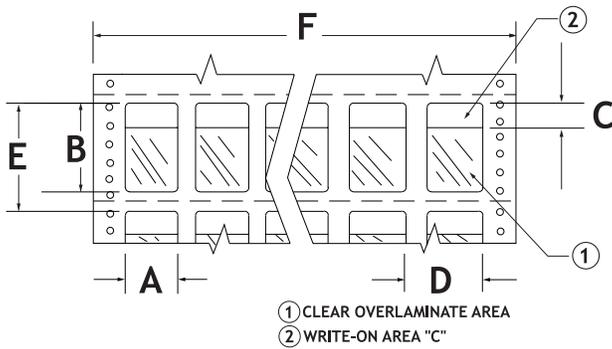


AVAILABLE MATERIALS

- PF Polyester
- PP Paper
- VC Vinyl Cloth
- PVF Polyvinyl Fluoride (Tedlar®)
- MPF Metallized Polyester

PART NO.	LABEL WIDTH	LABEL HEIGHT	HORIZ. REPEAT	VERT. REPEAT	WEB WIDTH	LABELS/ROW
Legend	A	B	C	D	E	
TAB 32	0.25	0.25	0.25	0.50	6.00	20
TAB 33	0.31	0.31	0.31	0.50	4.15	10
TAB 30	0.50	0.44	0.50	0.50	9.00	16
TAB 37	0.80	0.20	0.80	0.33	9.00	10
TAB 35	0.80	0.50	0.80	0.63	9.00	10

DOT MATRIX SELF-LAMINATING WIRE AND CABLE MARKERS

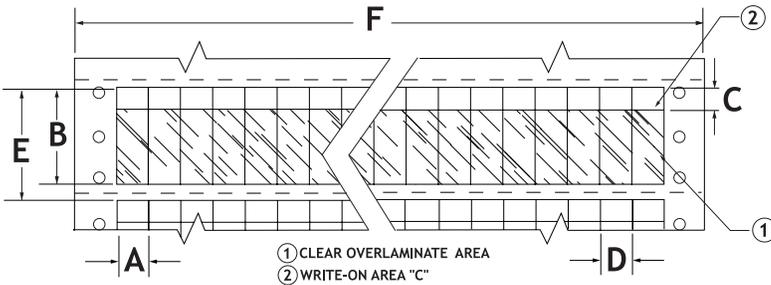


AVAILABLE MATERIALS

VF Vinyl film
CPVF Polyvinyl Fluoride (Tedlar®)

PART NO.	LABEL WIDTH	LABEL HEIGHT	WRITE-ON HEIGHT	HORIZ. REPEAT	VERT. REPEAT	WEB WIDTH	LABELS/ROW
Legend	A	B	C	D	E	F	
TAB 05	0.50	0.75	0.38	0.60	1.00	9.30	14
TAB 55	0.50	0.75	0.38	0.60	1.00	8.10	12
TAB 09	0.75	1.75	0.50	0.90	2.00	9.00	9
TAB 01	0.80	1.44	0.50	0.90	1.50	6.30	6
TAB 56	1.00	1.06	0.38	1.00	1.25	9.00	8
TAB 42	1.90	3.19	0.75	2.00	3.50	9.00	4
TAB 57	1.90	9.65	3.20	2.00	10.00	9.00	4
TAB 53	2.00	5.94	1.50	2.10	6.00	7.20	3
TAB 04	2.00	7.44	1.50	2.20	7.50	9.60	4
TAB 54	2.00	7.44	1.50	2.20	7.50	7.20	3

DOT MATRIX BUTT CUT SELF-LAMINATING WIRE AND CABLE MARKERS



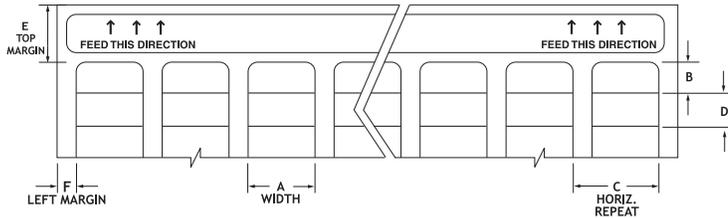
AVAILABLE MATERIALS

VF Vinyl film
CPVF Polyvinyl Fluoride (Tedlar®)

PART NO.	LABEL WIDTH	LABEL HEIGHT	WRITE-ON HEIGHT	HORIZ. REPEAT	VERT. REPEAT	WEB WIDTH	LABELS/ROW
Legend	A	B	C	D	E	F	
TAB 06	0.50	1.44	0.50	0.50	1.50	9.00	16
TAB 07	1.00	1.44	0.50	1.00	1.50	9.00	8
TAB 10	1.00	2.25	0.75	1.00	2.50	9.00	8
TAB 60	1.00	2.44	0.75	1.00	2.50	9.00	8
TAB 12	1.00	3.75	1.00	1.00	4.00	9.00	8
TAB 14	1.00	5.94	1.50	1.00	6.00	9.00	8
TAB 15	1.00	7.44	1.50	1.00	7.50	9.00	8
TAB 08	2.00	1.44	0.50	2.00	1.50	9.00	4
TAB 11	2.00	2.25	0.75	2.00	2.50	9.00	4
TAB 02	2.00	3.19	1.00	2.00	3.50	9.00	4
TAB 13	2.00	3.75	1.00	2.00	4.00	9.00	4
TAB 03	2.00	5.94	1.50	2.00	6.00	9.00	4
TAB 44	2.00	7.44	1.50	2.00	7.50	9.00	4

LASER PRINTER LABELS

BLANK LASER LABELS



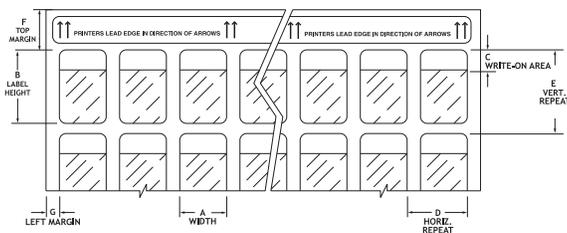
Ziptape offers a line of LSR laser labels on a 8.5" x 11" format for single sheet laser printers.

LSR labels are currently stocked in several different sizes in LPF material. Available in white and grey polyester. Other sizes and materials are available from Ziptape on a special order basis. Minimums apply.

PART NO.	LABEL WIDTH	LABEL HEIGHT	HORIZ. REPEAT	VERT. REPEAT	TOP MARGIN	LEFT MARGIN	LABELS/ ROW	LABELS/ SHEET
Legend	A	B	C	D	E	F		
LSR-01	0.30	0.25	0.69	0.25	0.875	0.50	2X11	836
LSR-02	0.38	0.38	0.50	0.38	0.875	0.31	16	400
LSR-03	0.50	0.44	0.60	0.44	0.875	0.40	13	286
LSR-04	0.65	0.20	0.80	0.20	0.875	0.33	10	480
LSR-05	0.65	0.25	0.80	0.25	0.875	0.33	10	380
LSR-06	0.80	0.20	1.00	0.20	0.875	0.35	8	384
LSR-07	0.80	0.25	1.00	0.25	0.875	0.35	8	304
LSR-08	0.80	0.50	1.00	0.50	0.875	0.35	8	152
LSR-09	1.00	0.25	1.10	0.25	0.875	0.45	7	266
LSR-10	1.00	0.38	1.10	0.38	0.875	0.45	7	175
LSR-11	1.00	0.50	1.10	0.50	0.875	0.45	7	133
LSR-12	1.50	0.25	1.60	0.25	0.875	0.30	5	190
LSR-13	1.50	0.75	1.60	0.75	0.875	0.20	5	60
LSR-16	1.88	0.50	2.00	0.50	0.875	0.30	4	76

LSR and LSL labels are produced from a specially designed hi temp polymer to withstand the rigors of LASER printing.

SELF - LAMINATING LASER LABELS



LSL Markers are provided on a single sheet, 8.5" x 11" format. LSL Markers are offered in various sizes. Custom sizes are available on a special order basis. (See page 19) Minimums apply.

PART NO.	LABEL WIDTH	LABEL HEIGHT	WRITE-ON HEIGHT	HORIZ. REPEAT	VERT. REPEAT	TOP MARGIN	LEFT MARGIN	LABELS/ ROW	LABELS/ SHEET
Legend	A	B	C	D	E	F	G		
LSL- 70	0.50	0.75	0.37	0.60	0.81	0.875	0.40	13	156
LSL- 71	0.50	1.50	0.50	0.60	1.60	0.875	0.40	13	78
LSL- 81	0.80	1.44	0.50	0.90	1.56	1.000	0.25	9	54
LSL- 75	1.00	0.75	0.34	1.10	0.81	0.875	0.45	7	84
LSL- 76	1.00	1.00	0.34	1.10	1.10	0.875	0.45	7	63
LSL- 77	1.00	1.33	0.50	1.10	1.44	0.875	0.45	7	49
LSL- 78	1.00	3.17	0.97	1.10	3.31	0.875	0.45	7	21
LSL- 80	1.88	3.13	0.97	2.00	3.28	0.875	0.30	4	12

MITYMARK WIRE MARKER DISPENSERS



The patented Mity Mark® Dispenser is the MOST USER FRIENDLY portable wire marker system available on the market today. Each dispenser contains 10 rolls of marker tape, numbered 0 - 9. Each roll contains 76 individual markers with a pre-cut length of 1-1/4". A total of 760 markers per dispenser in a convenient size to accommodate most commonly identified wire sizes. Each individual marker is mounted on a silicone release liner and has an acrylic adhesive, which is resistant to oil and water, and has a usable temperature range of -40°F to +250°F. The marker itself is made of Tyvek™ to assure durability and minimize the potential of tearing during application.



Simply pulling down on this liner feeds the marker from the dispenser and makes it ready for application. In addition to 0-9, legends A-Z and NEMA colors are available as stock items. Since the dispenser is refillable, replacement markers may be ordered by the roll or in boxes of 10.

- Compact and Convenient (can be hooked on a tool belt or carried in a shirt pocket)
- Reusable/Refillable
- Pre-cut Markers
- Tyvek™ Material
- Acrylic Adhesive
- Silicone Release Liner
- Color Coded Dispensers (including fluorescent colors)
- Multiple Legends
- Cost Competitive

TO ORDER:

Loaded dispenser	MMLD 0-9
Refills (Roll)	MMRR(legend)
Refills (Box)	MMRB(legend)

- Contact us for convenient wall displays.





Ziptape Mitymark® Wire Marker Booklets offer a convenient pocket-sized package of tape wire markers. Each booklet contains 10 pages of pre-cut markers 1-1/4" long, totaling 450 wire markers with 450 matching terminal markers sized 3/16" x 3/16".

Several different booklets are available containing a combination of industry recognized numbers, letters, NEMA colors and legends. Each booklet is available in either the standard vinyl cloth material or tear resistant Tyvek™ material.

BOOKLETS AVAILABLE:

- MMB-00 0 thru 9 (Solid)
- MMB-01 0 thru 9 (Sequence)
- MMB-02 A-Z, 1-15, +, -, /
- MMB-03 1 thru 45
- MMB-04 1, 2, 3
- MMB-05 A, B, C
- MMB-06 T1, T2, T3
- MMB-07 L1, L2, L3
- MMB-08 46 thru 90
- MMB-09 10 NEMA COLORS
- MMB-10 +, -, AC, DC, POS, NEG, GND, NEUT, SPARE, BLANK
- MMB-11 BURGLAR ALARM
- MMB-12 FIRE ALARM
- MMB-20 CIRCUIT BREAKER

TO ORDER:

For vinyl cloth material add -C to the part number.
For Tyvek™ material add -T to the part number.

Example:

MMB-01-C: MMB-01 booklet in vinyl cloth material.

MMB-01-T: MMB-01 booklet in Tyvek™ material.

MARKER CARDS



Ziptape Mitymark Wire Marker Cards feature adhesive backed vinyl cloth tape markers mounted on an easy release plastic liner. Each marker is 1-1/4" long. The cards are packaged 25 cards per box and are available in three styles: MMC-SL, MMC-SQ, MMC-CB.

See page 19 for custom legend orders.

SOLID PACKS: (MMC-SL)

36 identical markers per card.
25 identical cards per box.
Legends available: 0-999*, A-Z, NEMA colors, T1-T3, L1-L3

SEQUENCE PACKS: (MMC-SQ)

33 markers per card of a single sequence.
25 identical cards per box.
Sequences Available:
1-6, 1-18, 1-33, 34-66, 67-99, A-Z

COMBINATION PACKS: (MMC-CB)

36 identical markers per card.
25 different solid cards per box.
Combinations available:
A-Z, 0-24, 25-49, 50-74, 75-99

* Triple digits cards are supplied with 24 markers each card

When ordering specify the type of card you wish to order and add the legend needed as a suffix.

EXAMPLE: MMC-SL A = a solid legend card with the letter "A" as the only legend on each card.

MMC-SQ 1-33 = a sequential card with the numbers 1-33 on each card.

ZIPTAPE INDUSTRIAL MARKER SYSTEMS



Top Loading Dispenser (DTL)

- Manufactured out of lightweight, durable and rugged polypropylene.
- Cutting blades are replaceable to insure continued clean cut-off over time.
- Versatile and user friendly with easy reload flip and drop action.
- Refill tapes available in four materials and a multitude of legends (see chart below).



Bench Type Dispenser (WBD)

- Manufactured out of a heavy duty metal for high capacity marking needs.
- The tape cartridges are held in by a special spring loaded grip and are easy to replace.
- This dispenser is designed for ongoing production work where longer tapes are needed.
- Dispenser is stackable with the purchase of the necessary hardware.
- Refill cartridges available in four materials and a multitude of legends (see chart below).

Custom Legends

Specials* - Consult factory for minimums and availability. (See page 19)

When ordering specify the tape required with the appropriate material added as a suffix.

Example: TL VC B = 10 rolls of vinyl cloth markers with the legend "B" imprinted on them.



MATERIAL CODE	VC	VF	HT	PF
Material	Vinyl Coated Cloth	Vinyl Film	High Temp. Epoxy Film	Polyester Film
Tape Color	White	Various	White	Yellow
Adhesive	Rubber	Acrylic	Acrylic	Rubber
Adhesion to Steel	45 oz./in.	50 oz./in	30 oz./in	45 oz./in.
Temperature Range	-40° to 180°F -40° to 82°C	40° to 175°F -40° to 79°C	0° to 350°F -18° to 177°C	0° to 260°F -18° to 127°C
Properties	Excellent resistance to oil, water and humidity. Adheres well to curved surface.	Good conformability, Resistant to oils, water and solvents.	Resistant to higher temperatures and solvents. Ideal for lead wire identification.	Good conformability, Resistant to oils, water and solvents. High tensile strength.
Applications	General-purpose applications	Color-coding	Higher temperature and lead wire identification.	General-purpose applications. Transformer coils
Stock Legends	0-999 A-Z	NEMA Colors	0-99 A-Z	0-99 A-Z
BD Roll Length	40'	40'	40'	80'
TL Roll Length	8'	8'	8'	16'

The Ziptape Rite & Wrap II® dispensers are a pocket-sized disposable dispenser containing a roll of pre-cut self-laminating wire markers. Each marker has a white area available for legend inscription using a pen or pencil. After marking, simply pull back on the marker liner and the marker is dispensed. On application, the transparent portion of the clear vinyl marker wraps around itself to protect the white write-on area. The adhesive is an aggressive acrylic that is resistant to oil and water, with a service temperature range of -40°F to +250°F.



Part #	Label width	Label length	Write on height	Min. cable Dia.	Max. cable Dia.	No. of Markers
RW51	0.750	1.250	0.313	0.1	0.3	300
RW52	0.750	1.875	0.500	0.2	0.4	150
RW13	0.750	3.000	0.750	0.2	0.7	90
RW16	0.750	6.000	1.000	0.3	1.6	40

RITE & WRAP II Booklets

Rite & Wrap II Booklets are available in a convenient 3" x 6" size. Each booklet contains 10 pages of pre-cut self-laminating markers made of clear vinyl film, using an acrylic adhesive and mounted on a silicone release liner. The service temperature is -40°F to +200°F. Application of the legend is easy: Simply write your legend on the white surface, remove the label from the booklet, and wrap it around the cable. The transparent tail overwraps the legend to provide protection and assure legibility over time.



Part #	Label width	Label length	Write on height	Min. cable Dia.	Max. cable Dia.	No. of Markers
RWB50	0.500	1.250	0.500	0.2	0.2	240
RWB75	0.750	1.670	0.660	0.2	0.3	120
RWB60	1.000	2.500	0.750	0.2	0.6	60
RWB30	1.000	5.000	0.750	0.2	1.4	30

PRE-TITLED WRITE-ON LABEL DISPENSERS



Ziptape® Pre-titled write-on label dispensers are designed for use in areas concerned with Quality Assurance, Component or Assembly Inspection, Machine and Tool Calibration, Plant and Equipment Maintenance, Safety, Electrical, Inventory Control and Property Identification. The use of the dispenser and labels may be integrated into corporate ISO and QS9000 Programs. Each dispenser contains a roll of 100 pre-scored and pre-titled Tyvek™ Labels. The adhesive is acrylic and the labels are resistant to oil and water as well as abrasion. Service temperature is from -40°F to +250°F.

LEGENDS AVAILABLE:

PT-01 HOLD	PT-09 DUE FOR INSPECTION	PT-17 EXTINGUISHER	PT-30 CIRCUIT NO. & LOCATION
PT-02 RE-WORK	PT-10 HOLD FOR INSPECTION	PT-18 CAUTION	PT-31 BOARD I.D./CIRCUIT I.D
PT-03 SCRAPPED	PT-11 TESTED	PT-19 SERIAL NO.	PT-32 DANGER HIGH VOLTAGE
PT-04 REJECTED	PT-12 CERTIFICATION	PT-20 BIN NO.	PT-33 GROUND FAULT PROTECTED
PT-05 ACCEPTED	PT-13 DO NOT USE	PT-21 INVENTORY	PT-34 ELECTRICAL HAZARD "SYMBOL"
PT-06 RETURN TO VENDOR	PT-14 MAINTENANCE	PT-22 TOOL NO.	PT-35 CAUTION 220V/120V
PT-07 CALIBRATION	PT-15 REPAIRED BY	PT-23 PROPERTY TAG	
PT-08 INSPECTED	PT-16 DATE INSTALLED	PT-24 STOCK NO.	

VOLTAGE MARKERS



Ziptape® voltage markers are designed specifically to identify conduit, cable trays, load centers, busways, circuit breakers, switches, fuse boxes and other vital electrical equipment. There are three styles of markers, all on a 2.25" x 9" card. The marker is made of heavy gauge orange vinyl, and the adhesive is high tack acrylic. Voltage markers are packaged with 5 identical cards per polybag.

LEGEND	PRODUCT CODE
110 VOLTS	VM-110
115 VOLTS	VM-115
120 VOLTS	VM-120
208 VOLTS	VM-208
220 VOLTS	VM-220
230 VOLTS	VM-230
240 VOLTS	VM-240
250 VOLTS	VM-250
277 VOLTS	VM-277
440 VOLTS	VM-440

LEGEND	PRODUCT CODE
460 VOLTS	VM-460
480 VOLTS	VM-480
550 VOLTS	VM-550
600 VOLTS	VM-600
2200 VOLTS	VM-2200
2300 VOLTS	VM-2300
2400 VOLTS	VM-2400
4160 VOLTS	VM-4160
4800 VOLTS	VM-4800
6900 VOLTS	VM-6900

LEGEND	PRODUCT CODE
7200 VOLTS	VM-7200
13200 VOLTS	VM-13200
AC	VM-AC
DC	VM-DC
Single Phase	VM-1PH
Three Phase	VM-3PH
Power	VM-PW
Circuit Breaker	VM-CB
Fuse Box	VM-FB

CARD STYLES:

- A = 1 marker per card
- B = 4 markers per card
- C = 18 markers per card

When ordering, use the basic part number for the legend and add the suffix A, or B or C for the appropriate style.
 Example: VM-110 A = 1 package containing (5) 2.25" x 9" markers with the legend "110 VOLTS"
 VM-110 B = 1 package containing (20) 1.125" x 4.5" markers with the legend "110 VOLTS"
 VM-110 C = 1 package containing (90) .5" x 2.25" markers with the legend "110 VOLTS"

DISK MARKERS

The MityMark® Compact Disk Marker System features 500 PVC sleeve wire markers packaged on a convenient reel for ease of use. Each sleeve marker is 3mm in length with a single black character on each marker. Each marker is chevron cut to assure proper positioning as multiple markers are applied. Standard marker color is white, with yellow available on request. The legend is pin point ink jet etched on each marker. The MityMark Compact Disk Markers are available in two sizes to accommodate 16-10 wire (.098" - .196") and 22 - 16 (.051" - .118").



Part Number MMD-1 applies to the 16-10 Wire Marker
 Part Number MMD-2 applies to the 22-16 Wire Marker

Standard legends available include: 0 - 9, A - Z, +, -, /, ground
 When ordering use the appropriate part number with the legend as a suffix.

EXAMPLE: MMD-1 9 = a reel of 500 markers for 16-10 wire with the number 9 as a legend
 MMD-2 9 = a reel of 500 markers for 22-16 wire with the number 9 as a legend

WAND MARKERS

The MityMark® Wand Marker is designed for applications requiring the highest degree of permanence in any marking application. The PVC wire marker is applied before termination of the wire is completed, and the chevron cut design assures proper marker alignment as additional legends are added.

Each PVC sleeve marker is yellow with a single black character legend per marker. The MityMark Wand Markers are available pre-assembled on a Delrin® wand with 25 identical markers per wand. Part number MMW-1 fits 16-10 wire and part number MMW-2 fits 22-16 wire.



Standard legends available are: 0-9, A-Z, +, -, /, ground.
 When ordering use the appropriate part number with the legend as a suffix.

EXAMPLE: MMW-1 SOLID 9 = 10 MMW-1 Wands with 250 markers with the number 9 as a legend
 MMW-1 COMBINATION 0,1,2,3,4,5,6,7,8,9 = 10 MMW-1 Wands each with its own legend
 MMW-2 SOLID 9 = 10 MMW-2 Wands with 250 markers with the number 9 as a legend
 MMW-2 COMBINATION 0,1,2,3,4,5,6,7,8,9 = 10 MMW-2 Wands each with its own legend

ZIP-TY™ CABLE TIES

ZIP-TY™ Cable Ties are available in a wide range of sizes, colors, materials and configurations to satisfy your cabling and bundling requirements. Varieties of ties available include: STANDARD, HEAVY DUTY, MOUNTING, IDENTIFICATION and DOUBLE LOOP. In addition, a series of adhesive backed mounts and hardware mounts are also available.

The standard material available is NYLON 6/6 (natural color) and UV stabilized weather resistant black.

Special materials such as Tefzel™, Halar™, Polypropylene, Nylon 12 and Flame Retardent Nylon 6/6 are available on special order. Please consult the factory for minimums and special orders.

Special Product features designed in to provide ease of application include:

- Smooth rounded edges
- A one piece strap with an integral locking pawl
- A low profile locking head
- Finely engineered locking pawl and serrations to assure almost infinite adjustability
- Bent tip design (except for heavy duty straps) for ease of insertion to assure self-orientation on application
- Low insertion force
- Able to apply with all industry accepted tools

MIL-SPEC COLORS available include:

-0 Black -2 Red -4 Yellow -6 Blue -8 Gray
 -1 Brown -3 Orange -5 Green -7 Purple -9 Natural

PACKAGING:

L = 50 per bag C = 100 per bag D = 500 per bag M = 1000 per bag SC = Standard Carton

When ordering: Specify Part Number, Color, Packaging (items other than natural nylon 6/6 - add material)
 Example: ZT-04-18-6-M-Nylon 12 = 4" 18# blue cable tie, packaged 1000/bag made from Nylon 12.

MOUNTING BASES

ZIP-TY PART NO.	NOMINAL LENGTH		NOMINAL WIDTH		CABLE TIE SERIES	SCREW HOLE SIZE
	Inches	mm	Inches	mm		
ADHESIVE						
ZT-ABMM	3/4	18	3/4	18.1	8-30	N/A
ZT-ABM	1 1/8	29	1 1/8	29	18-50	No. 8
SCREW						
ZT-SM-10	5/8	15	7/8	22	18-120	No. 10
ZT-SM-25	5/8	15	7/8	22	18-120	1/4"
ZT-SM-68	5/8	15	7/8	22	18-50	No. 8





STANDARD

ZIP-TY PART NO.	MIN TENSILE STRENGTH		MAX DIAMETER		NOMINAL LENGTH		NOMINAL WIDTH		MIL STD 3367
	Lbs.	KG	Inches	mm	Inches	mm	Inches	mm	
ZT-04-18	18	8	3/4	19	4	102	0.090	2.3	-4
ZT-06-18	18	8	1 1/2	38	6	152	0.090	2.3	
ZT-08-18	18	8	2	51	8	203	0.090	2.3	
ZT-05-40	40	18	1	25	5	127	0.135	3.4	
ZT-08-40	40	18	2	51	8	203	0.135	3.4	
ZT-07-50	50	23	1 3/4	44	7	178	0.190	4.8	-1
ZT-11-50	50	23	3	76	11	279	0.190	4.8	-7
ZT-14-50	50	23	4	102	14	356	0.190	4.8	-2



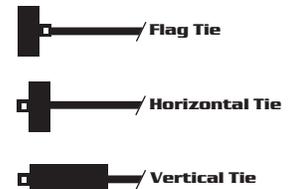
HEAVY DUTY

ZIP-TY PART NO.	MIN TENSILE STRENGTH		MAX DIAMETER		NOMINAL LENGTH		NOMINAL WIDTH		MIL STD 3367
	Lbs.	KG	Inches	mm	Inches	mm	Inches	mm	
ZT-08-120	120	55	1/2	51	8	203	0.310	7.9	
ZT-14-120	120	55	4	102	14	356	0.310	7.9	
ZT-17-120	120	55	5	127	17	432	0.310	7.9	
ZT-21-120	120	55	6	152	21	533	0.310	7.9	
ZT-28-120	120	55	8	203	28	711	0.310	7.9	
ZT-36-175	175	80	11	279	36	914	0.360	9.1	
ZT-44-175	175	80	13	330	44	1118	0.360	9.1	
ZT-21-250	250	114	6	153	21	533	0.500	12.7	
ZT-28-250	250	114	8	203	28	711	0.500	12.7	



IDENTIFICATION

ZIP-TY PART NO.	MIN TENSILE STRENGTH		MAX DIAMETER		NOMINAL LENGTH		NOMINAL WIDTH		MIL STD 3368
	Lbs.	KG	Inches	mm	Inches	mm	Inches	mm	
ZT-04F-18	18	8	3/4	19	4	101	0.092	2.3	-5
ZT-04I-18	18	8	3/4	19	4	101	0.092	2.3	
ZT-08I-50	50	23	1 3/4	44	8	203	0.187	4.8	-1
ZT-11I-50	50	23	3	76	11	280	0.187	4.8	
ZT-14I-50	50	23	4	102	14	356	0.187	4.8	



Flag Tie & Horizontal Tie available in 4" length only.

HOT SPOTZ II®

HOT SPOTZ II® is an aluminized glass fiber insulating tape, combining a durable, woven glass fabric with an exceptional high temperature compound that is laminated to a .002” aluminum foil. It is designed to provide protection against extreme temperatures from radiant heat where property or bodily harm due to excess heat may be of concern. In use, the aluminum reflects radiant heat and acts as a vapor barrier while the unique proprietary coating imparts high-temperature properties to the 18.5 ounce glass fabric when exposed to heat. The high temperature adhesive is designed specifically for durability and long lasting performance in a high heat environment.



- Aerospace, Automotive, and High Temperature applications
- Non-asbestos construction
- Low-smoke materials
- Non-flammable
- Easy to apply
- Standard widths: 1", 2", 3" and 6"
- Standard lengths: 25' and 50'
- Color - Silver
- Ambient Temperature Range to 400°F
- Radiant temperature range - continuous to 500°F
- Fire Hazard Classification - (ASTM-E-84)
 - Flame spread 0
 - Smoke developed 0
- Thermal conductivity of glass fiber fabric 0.56

		Width			
		1"	2"	3"	6"
Length	25'	HOTSP01	02	03	06
	50'	HOTSP51	52	53	56

Example: HOTSP + 02 = HOTSP02 (2"W x 25'L)

NSN-5970010526282

Special sizes and die-cut shapes available, see page 19.

