



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Product Bulletin



DURA-MARK™ PTR2 Thermal Transfer Printer And Accessories

Create a variety of high quality, custom labels

- *It's Quick!* — Custom capability allows labels to be produced in-house, anytime, anywhere
- Choose from an assortment of heat shrink markers, self-laminating wire markers, component markers and colored thermal transfer rolls
- High quality, opaque thermal transfer print
- Works with most standard PC's and label printing software including Panduit® **PAN-MARK™ 2.X** for **WINDOWS^** Labeling Software

Mechanical Information

- Print Method:** Thermal transfer and direct thermal printing
- Size:** Height: 5.3" (135 mm)
 Width: 7.9" (200 mm)
 Depth: 8.9" (226 mm)
 Weight: 4 lbs. (1.81 kg)
- Print Speed:** Select constant print speeds of 1", 1.5" or 2" (25.4, 38.1, or 50.8 mm) per second
- Memory:** 128 Kb Standard
- Double Buffer:** Contains a double buffer which makes the printer capable of printing continuously from WINDOWS
- Sensors:** See through sensor designed for die-cut labels
- Graphics:** Up to 203 dpi resolution

Print Information

- Fonts can be printed in four directions: 0°, 90°, 180° and 270°
- Capable of reverse print, bar coding and graphics
- Prints labels up to 32" (813 mm) long with characters up to 3.5" (89 mm) high
- 4.09" (104 mm) maximum print width
- Capable of horizontal and vertical print

| Part Number | Description | Std. Pkg. Qty* |
|-------------|---|----------------|
| PTR2 | Thermal Transfer Printer | 1 |
| PTR2-RS | External Label Roll Stand <i>Used to rear feed labels that are not supplied on 1.00" (25.4 mm) cores</i> | 1 |

*Order number required in multiples of Std. Pkg. Qty.

^WINDOWS is a registered trademark of Microsoft Corp.

PANDUIT® DURA-MARK™ PTR2 Printer Supplies



Heat Shrink Wire and Cable Markers

- Produce durable, high quality permanent heat shrink markers
- Pre-cut tubing mounted on plastic carrier
- Shrink Ratio 3:1 @ 212°F (100°C)
- Flammability: Meets U.L. Standard 224 for flammability
- For best results, print with TTRW-BL Wax Ribbon
- Used with Panduit Heat Shrink Tools and Accessories shown below

| Part Number | Diameter In. (mm) | Marker Width In. (mm) | Markers Per Row | Nominal Cable O.D. In. (mm) | Material | Color | Mkrs Per Roll | Std. Pkg. Qty.* | | |
|-------------|-------------------|-----------------------|-----------------|-----------------------------|---------------------------------|---------------------------------|---------------------------------|-----------------|------|---|
| LHS 12W 1 | 0.13 (3.2) | 2.00 (50.8) | 1 | 0.04 - 0.13 (1.1 - 3.2) | 3:1 Flattened Poly olefin | White | 500 | 1 | | |
| LHS 12W 2 | 0.13 (3.2) | 1.00 (25.4) | 2 | | | | 1000 | 1 | | |
| LHS 12W 4 | 0.13 (3.2) | 0.50 (12.7) | 4 | | | | 2000 | 1 | | |
| LHS 25W 1 | 0.25 (6.4) | 2.00 (50.8) | 1 | | | | 500 | 1 | | |
| LHS 25W 2 | 0.25 (6.4) | 1.00 (25.4) | 2 | 1000 | | | 1 | | | |
| LHS 25W 4 | 0.25 (6.4) | 0.50 (12.7) | 4 | 2000 | | | 1 | | | |
| LHS 50W 1 | 0.50 (12.7) | 2.00 (50.8) | 1 | 0.17 - 0.50 (4.2 - 12.7) | | 3:1 Flattened Poly olefin | 500 | 1 | | |
| LHS 50W 2 | 0.50 (12.7) | 1.00 (25.4) | 2 | | | | 1000 | 1 | | |
| LHS 100W1 | 1.00 (25.4) | 2.00 (50.8) | 1 | 0.33 - 1.00 (8.4 - 25.4) | | | 250 | 1 | | |
| LHS 100W2 | 1.00 (25.4) | 1.00 (25.4) | 2 | | | | 500 | 1 | | |
| LHS 12Y 1 | 0.13 (3.2) | 2.00 (50.8) | 1 | 0.04 - 0.13 (1.1 - 3.2) | | | 3:1 Flattened Poly olefin | Yellow | 500 | 1 |
| LHS 12Y 2 | 0.13 (3.2) | 1.00 (25.4) | 2 | | | | | | 1000 | 1 |
| LHS 12Y 4 | 0.13 (3.2) | 0.50 (12.7) | 4 | | 2000 | | | | 1 | |
| LHS 25Y 1 | 0.25 (6.4) | 2.00 (50.8) | 1 | | 500 | | | | 1 | |
| LHS 25Y 2 | 0.25 (6.4) | 1.00 (25.4) | 2 | 0.08 - 0.25 (2.1 - 6.4) | 1000 | | | | 1 | |
| LHS 25Y 4 | 0.25 (6.4) | 0.50 (12.7) | 4 | | 2000 | | | | 1 | |
| LHS 50Y 1 | 0.50 (12.7) | 2.00 (50.8) | 1 | 0.17 - 0.50 (4.2 - 12.7) | 500 | | | 1 | | |
| LHS 50Y 2 | 0.50 (12.7) | 1.00 (25.4) | 2 | | 1000 | | | 1 | | |
| LHS 100Y1 | 1.00 (25.4) | 2.00 (50.8) | 1 | 0.33 - 1.00 (8.4 - 25.4) | 250 | | | 1 | | |
| LHS 100Y2 | 1.00 (25.4) | 1.00 (25.4) | 2 | | 500 | | | 1 | | |

*Order number of rolls required in multiples of Std. Pkg. Qty.

Heat Shrink Tools and Accessories

- For use with all Panduit Heat Shrink Markers
- Other Heat Shrink Tools and replacement parts available. Contact factory for details.



| Part Number | Description | Std. Pkg. Qty.* |
|--------------|--|-----------------|
| HSG-115V-500 | General Purpose Tool – Air intake regulator varies temperature from 500°F (260°C) to 620°F (344°C), 115 Volt, 11 AMP. Neoprene jacketed cord with molded strain relief | 1 |
| HSG-115V-300 | Low Temperature Tool – For use on small sizes of heat shrink when under or near heat sensitive items. Air intake regulator varies temperature from 300°F (145°C) to 450°F (232°C), 115 Volt, 8 AMP. Neoprene jacketed cord with molded strain relief | 1 |
| HSG-A1 | Shrink tube reflector for tubing up to 0.75" (19.1 mm) inside diameter – Directs heat around the tubing to reduce shrink time. | 1 |
| HSG-A2 | Shrink tube reflector for tubing up to 1.50" (38.1 mm) inside diameter – Directs heat around the tubing to reduce shrink time. | 1 |
| HSG-A3 | Shrink tube concentrator – Directs heat toward tubing and away from heat sensitive items. | 1 |
| HSG-A4 | Black polyethylene case – Stores heat tool, stand and all three accessories. | 1 |

*Order number of heat shrink accessories required in multiples of Std. Pkg. Qty.

PANDUIT® DURA-MARK™ PTR2 Printer Supplies

Thermal Transfer Self-Laminating Labels



- Designed to identify all sizes of wires, cables and other cylindrical items quickly and economically
- Overlaminates protects legends for clear, permanent identification
- Available in a variety of sizes and 9 colors
- Vinyl material for indoor applications and TEDLAR[▲] material for outdoor and high temperature applications
- Labels are on 1.0" (25.4 mm) cores for PTR2 Printer

| Part Number | Total Area Width x Length In. (mm) | Print-On Area Width x Length In. (mm) | Labels Per Row | Nominal Cable O.D. In. (mm) | Color | Material | Std. Pkg. Qty.* |
|-------------|------------------------------------|---------------------------------------|----------------|-----------------------------|--------------------------|---------------|-----------------|
| TTSL-247 | 0.80 x 0.94 (20.3 x 23.9) | 0.80 x 0.38 (20.3 x 9.7) | 5 | 0.12 - 0.18 (3.0 - 4.5) | White | GMV3 Vinyl | 2500 |
| TTSL-246 | 0.80 x 0.94 (20.3 x 23.9) | 0.80 x 0.38 (20.3 x 9.7) | 5 | | White | GMT1 TEDLAR ▲ | 2500 |
| TTSL-249 | 1.00 x 0.75 (25.4 x 19.1) | 1.00 x 0.38 (25.4 x 9.7) | 4 | 0.13 - 0.13 (3.0 - 3.0) | White | GMV3 Vinyl | 2500 |
| TTSL-249YL† | 1.00 x 0.75 (25.4 x 19.1) | 1.00 x 0.38 (25.4 x 9.7) | 4 | | Yellow† | GMV3 Vinyl | 2500 |
| TTSL-248 | 1.00 x 0.75 (25.4 x 19.1) | 1.00 x 0.38 (25.4 x 9.7) | 4 | | White | GMT1 TEDLAR | 2500 |
| TTSL-251 | 1.00 x 0.94 (25.4 x 23.9) | 1.00 x 0.38 (25.4 x 9.7) | 4 | 0.12 - 0.19 (3.0 - 4.5) | White | GMV3 Vinyl | 2500 |
| TTSL-251YL† | 1.00 x 0.94 (25.4 x 23.9) | 1.00 x 0.38 (25.4 x 9.7) | 4 | | Yellow† | GMV3 Vinyl | 2500 |
| TTSL-250 | 1.00 x 0.94 (25.4 x 23.9) | 1.00 x 0.38 (25.4 x 9.7) | 4 | | White | GMT1 TEDLAR | 2500 |
| TTSL-1 | 0.50 x 1.50 (12.7 x 38.1) | 0.50 x 0.50 (12.7 x 12.7) | 8 | 0.16 - 0.32 (4.0 - 8.1) | White | GMV3 Vinyl | 5000 |
| TTSL-1YL† | 0.50 x 1.50 (12.7 x 38.1) | 0.50 x 0.50 (12.7 x 12.7) | 8 | | Yellow† | GMV3 Vinyl | 5000 |
| TTSL-53 | 0.50 x 1.50 (12.7 x 38.1) | 0.50 x 0.50 (12.7 x 12.7) | 8 | | White | GMT1 TEDLAR | 5000 |
| TTSL-2 | 1.00 x 1.50 (25.4 x 38.1) | 1.00 x 0.50 (25.4 x 12.7) | 4 | | White | GMV3 Vinyl | 2500 |
| TTSL-2YL† | 1.00 x 1.50 (25.4 x 38.1) | 1.00 x 0.50 (25.4 x 12.7) | 4 | | Yellow† | GMV3 Vinyl | 2500 |
| TTSL-54 | 1.00 x 1.50 (25.4 x 38.1) | 1.00 x 0.50 (25.4 x 12.7) | 4 | | White | GMT1 TEDLAR | 2500 |
| TTSL-3 | 2.00 x 1.50 (50.8 x 38.1) | 2.00 x 0.50 (50.8 x 12.7) | 2 | | White | GMV3 Vinyl | 1000 |
| TTSL-3YL† | 2.00 x 1.50 (50.8 x 38.1) | 2.00 x 0.50 (50.8 x 12.7) | 2 | | Yellow† | GMV3 Vinyl | 1000 |
| TTSL-55 | 2.00 x 1.50 (50.8 x 38.1) | 2.00 x 0.50 (50.8 x 12.7) | 2 | | White | GMT1 TEDLAR | 1000 |
| TTSL-4 | 1.00 x 2.44 (25.4 x 62.0) | 1.00 x 1.00 (25.4 x 25.4) | 4 | | 0.32 - 0.46 (8.1 - 11.6) | White | GMV3 Vinyl |
| TTSL-4YL† | 1.00 x 2.44 (25.4 x 62.0) | 1.00 x 1.00 (25.4 x 25.4) | 4 | Yellow† | | GMV3 Vinyl | 1500 |
| TTSL-56 | 1.00 x 2.44 (25.4 x 62.0) | 1.00 x 1.00 (25.4 x 25.4) | 4 | White | | GMT1 TEDLAR | 1500 |
| TTSL-5 | 2.00 x 2.44 (50.8 x 62.0) | 2.00 x 1.00 (50.8 x 25.4) | 2 | White | | GMV3 Vinyl | 500 |
| TTSL-5YL† | 2.00 x 2.44 (50.8 x 62.0) | 2.00 x 1.00 (50.8 x 25.4) | 2 | Yellow† | | GMV3 Vinyl | 500 |
| TTSL-57 | 2.00 x 2.44 (50.8 x 62.0) | 2.00 x 1.00 (50.8 x 25.4) | 2 | White | GMT1 TEDLAR | 500 | |
| TTSL-6 | 1.00 x 3.94 (25.4 x 100.1) | 1.00 x 1.00 (25.4 x 25.4) | 4 | 0.32 - 0.93 (8.1 - 23.7) | White | GMV3 Vinyl | 1000 |
| TTSL-6YL† | 1.00 x 3.94 (25.4 x 100.1) | 1.00 x 1.00 (25.4 x 25.4) | 4 | | Yellow† | GMV3 Vinyl | 1000 |
| TTSL-58 | 1.00 x 3.94 (25.4 x 100.1) | 1.00 x 1.00 (25.4 x 25.4) | 4 | | White | GMT1 TEDLAR | 1000 |
| TTSL-7 | 2.00 x 3.94 (50.8 x 100.1) | 2.00 x 1.00 (50.8 x 25.4) | 2 | | White | GMV3 Vinyl | 500 |
| TTSL-59 | 2.00 x 3.94 (50.8 x 100.1) | 2.00 x 1.00 (50.8 x 25.4) | 2 | | White | GMT1 TEDLAR | 500 |
| TTSL-126 | 1.00 x 7.44 (25.4 x 189.0) | 1.00 x 1.50 (25.4 x 31.8) | 2 | 0.48 - 1.89 (12.1 - 48.0) | White | GMV3 Vinyl | 1000 |

*Order number of labels required in multiples of Std. Pkg. Qty.

†For other TIA colors, substitute the following suffixes: RD=Red, VL=Violet, BR=Brown, GR=Green, IG=Gray, OR=Orange, BU=Blue

▲TEDLAR is a registered trademark of E.I. DuPont Co.

PANDUIT® DURA-MARK™ PTR2 Printer Supplies

Blank Thermal Transfer Labels



- A wide range of sizes available to provide the right size label for every application from labeling circuit boards to asset identification to bar code marking
- Eliminate the need for large inventories of custom preprinted labels and long lead times, providing an economical solution to all of your labeling needs
- These labels are available in 8 materials including:
 - Destructible and tamper evident materials for tamper resistant applications
 - A variety of polyester materials for durable, indoor/outdoor labels that do not stretch or easily tear
 - **TEDLAR**® material for temperature resistance up to 275°F and outdoor durability (see page 8 for complete material specifications)
- Labels shown on pages 4-5 are on 3.0" (76.2 mm) cores and must be rear fed from external stand when used with PTR2 Printer (see page 1)

| Part Number | Material | Color | Label Width In. (mm) | Label Length In. (mm) | Labels Per Row | Std. Pkg. Qty.* |
|-----------------|--------------------------------------|--------|----------------------|-----------------------|----------------|-----------------|
| TT C1 Y-10 | GM Y 4- W Polyester | White | 0.25 (6.4) | 0.25 (6.4) | 12 | 10,000 |
| TT C3 YS-10 | GM Y 4- S Polyester | Silver | 0.50 (12.7) | 0.44 (11.1) | 5 | 10,000 |
| TT C3 Y-10 | GM Y 4- W Polyester | White | 0.50 (12.7) | 0.44 (11.1) | 5 | 10,000 |
| TT C3 YS T-10 | GM Y 4-STE Tamper Evident Polyester | Silver | 0.50 (12.7) | 0.44 (11.1) | 5 | 10,000 |
| TT C45 Y-1 | GM Y 4- W Polyester | White | 0.50 (12.7) | 0.75 (19.1) | 8 | 1000 |
| TT C- DS 110-1 | GM Y 4- W Polyester | White | 0.50 (12.7) | 7.88 (200.0) | 1 | 1000 |
| TT C6 Y-10 | GM Y 4- W Polyester | White | 0.90 (22.9) | 0.25 (6.4) | 3 | 10,000 |
| TT C6 T-10 | GM T4- W TEDLAR▲ | White | 0.90 (22.9) | 0.25 (6.4) | 3 | 10,000 |
| TT C7 YS-10 | GM Y 4- S Polyester | Silver | 1.00 (25.4) | 0.38 (9.5) | 3 | 10,000 |
| TT C7 Y-10 | GM Y 4- W Polyester | White | 1.00 (25.4) | 0.38 (9.5) | 3 | 10,000 |
| TT C8 ET-10 | GM PE 4- W Destructible Polyethylene | White | 1.00 (25.4) | 0.50 (12.7) | 3 | 10,000 |
| TT C8 YS-10 | GM Y 4- S Polyester | Silver | 1.00 (25.4) | 0.50 (12.7) | 3 | 10,000 |
| TT C8 YC-10 | GM Y 4- C Polyester | Clear | 1.00 (25.4) | 0.50 (12.7) | 3 | 10,000 |
| TT C8 Y-10 | GM Y 4- W Polyester | White | 1.00 (25.4) | 0.50 (12.7) | 3 | 10,000 |
| TT C8 YS T-10 | GM Y 4-STE Tamper Evident Polyester | Silver | 1.00 (25.4) | 0.50 (12.7) | 3 | 10,000 |
| TT C8 T-10 | GM T4- W TEDLAR | White | 1.00 (25.4) | 0.50 (12.7) | 3 | 10,000 |
| TT C- MJ-5 | GM Y 4- C Polyester | Clear | 1.38 (34.9) | 0.19 (4.8) | 1 | 5000 |
| TT C15 P-2.5 | GM P4- W Destructible Paper | White | 1.50 (38.1) | 1.00 (25.4) | 1 | 2500 |
| TT C15 Y-2.5 | GM Y 4- W Polyester | White | 1.50 (38.1) | 1.00 (25.4) | 1 | 2500 |
| TT C17 Y-2.5 | GM Y 4- W Polyester | White | 1.63 (41.3) | 1.25 (31.8) | 1 | 2500 |
| TT C- EFPL-1 | GM Y 4- W Polyester | White | 1.80 (45.7) | 0.38 (9.5) | 1 | 1000 |
| TT C18 Y-2.5 | GM Y 4- W Polyester | White | 2.00 (50.8) | 0.25 (6.4) | 1 | 2500 |
| TT C19 Y-2.5 | GM Y 4- W Polyester | White | 2.00 (50.8) | 0.50 (12.7) | 1 | 2500 |
| TT C20 YS-2.5 | GM Y 4- S Polyester | Silver | 2.00 (50.8) | 1.00 (25.4) | 1 | 2500 |
| TT C20 P-2.5 | GM P4- W Destructible Paper | White | 2.00 (50.8) | 1.00 (25.4) | 1 | 2500 |
| TT C20 YC-2.5 | GM Y 4- C Polyester | Clear | 2.00 (50.8) | 1.00 (25.4) | 1 | 2500 |
| TT C20 Y-2.5 | GM Y 4- W Polyester | White | 2.00 (50.8) | 1.00 (25.4) | 1 | 2500 |
| TT C20 YS T-2.5 | GM Y 4-STE Tamper Evident Polyester | Silver | 2.00 (50.8) | 1.00 (25.4) | 1 | 2500 |
| TT C21 P-2.5 | GM P4- W Destructible Paper | White | 2.00 (50.8) | 1.25 (31.8) | 1 | 2500 |
| TT C22 YS-2.5 | GM Y 4- S Polyester | Silver | 2.75 (69.9) | 1.25 (31.8) | 1 | 2500 |
| TT C22 P-2.5 | GM P4- W Destructible Paper | White | 2.75 (69.9) | 1.25 (31.8) | 1 | 2500 |
| TT C22 Y-2.5 | GM Y 4- W Polyester | White | 2.75 (69.9) | 1.25 (31.8) | 1 | 2500 |
| TT C- EFPL 10-1 | GM Y 4- W Polyester | White | 2.90 (73.7) | 0.30 (7.6) | 1 | 1000 |

*Order number of labels required in multiples of Std. Pkg. Qty.

▲TEDLAR is the registered trademark of E. I. DuPont Co.

PANDUIT® DURA-MARK™ PTR2 Printer Supplies

Blank Thermal Transfer Labels (cont.)

| Part Number | Material | Color | Label Width In. (mm) | Label Length In. (mm) | Labels Per Row | Std. Pkg. Qty.* |
|---------------|-------------------------------------|--------|----------------------|-----------------------|----------------|-----------------|
| TT C23Y-2.5 | GM Y 4-W Polyester | White | 3.00 (76.2) | 0.25 (6.4) | 1 | 2500 |
| TT C46P-5 | GMP4-W Destructible Paper | White | 3.00 (76.2) | 0.94 (23.8) | 1 | 5000 |
| TT C24YS-2.5 | GM Y 4-S Polyester | Silver | 3.00 (76.2) | 1.00 (25.4) | 1 | 2500 |
| TT C24P-2.5 | GMP4-W Destructible Paper | White | 3.00 (76.2) | 1.00 (25.4) | 1 | 2500 |
| TT C24YC-2.5 | GM Y 4-C Polyester | Clear | 3.00 (76.2) | 1.00 (25.4) | 1 | 2500 |
| TT C24Y-2.5 | GM Y 4-W Polyester | White | 3.00 (76.2) | 1.00 (25.4) | 1 | 2500 |
| TT C24YST-2.5 | GM Y 4-STE Tamper Evident Polyester | Silver | 3.00 (76.2) | 1.00 (25.4) | 1 | 2500 |
| TT C25YS-1 | GM Y 4-S Polyester | Silver | 3.00 (76.2) | 2.00 (50.8) | 1 | 1000 |
| TT C25P-1 | GMP4-W Destructible Paper | White | 3.00 (76.2) | 2.00 (50.8) | 1 | 1000 |
| TT C25YC-1 | GM Y 4-C Polyester | Clear | 3.00 (76.2) | 2.00 (50.8) | 1 | 1000 |
| TT C25Y-1 | GM Y 4-W Polyester | White | 3.00 (76.2) | 2.00 (50.8) | 1 | 1000 |
| TT C25YST-1 | GM Y 4-STE Tamper Evident Polyester | Silver | 3.00 (76.2) | 2.00 (50.8) | 1 | 1000 |
| TT C26P-1 | GMP4-W Destructible Paper | White | 3.00 (76.2) | 5.00 (127.0) | 1 | 1000 |
| TT C27Y-10 | GM Y 4-W Polyester | White | 3.25 (82.6) | 0.31 (7.92) | 1 | 10,000 |
| TT C28Y-10 | GM Y 4-W Polyester | White | 3.25 (82.6) | 0.50 (12.7) | 1 | 10,000 |
| TT C29Y-5 | GM Y 4-W Polyester | White | 3.25 (82.6) | 0.63 (15.9) | 1 | 5000 |
| TT C30Y-2.5 | GM Y 4-W Polyester | White | 3.25 (82.6) | 0.81 (20.6) | 1 | 2500 |
| TT C31P-1 | GMP4-W Destructible Paper | White | 3.50 (88.9) | 1.00 (25.4) | 1 | 1000 |
| TT C31Y-1 | GM Y 4-W Polyester | White | 3.50 (88.9) | 1.00 (25.4) | 1 | 1000 |
| TT C32P-1 | GMP4-W Destructible Paper | White | 3.50 (88.9) | 8.00 (203.2) | 1 | 1000 |
| TT C32Y-1 | GM Y 4-W Polyester | White | 3.50 (88.9) | 8.00 (203.2) | 1 | 1000 |
| TT C34P-5 | GMP4-W Destructible Paper | White | 3.63 (92.1) | 4.20 (107.1) | 1 | 500 |
| TT C33P-5 | GMP4-W Destructible Paper | White | 3.63 (92.1) | 5.79 (147.1) | 1 | 500 |
| TT C35P-2.5 | GMP4-W Destructible Paper | White | 4.00 (101.6) | 1.00 (25.4) | 1 | 2500 |
| TT C35Y-2.5 | GM Y 4-W Polyester | White | 4.00 (101.6) | 1.00 (25.4) | 1 | 2500 |
| TT C36YS-1 | GM Y 4-S Polyester | Silver | 4.00 (101.6) | 2.00 (50.8) | 1 | 1000 |
| TT C36P-1 | GMP4-W Destructible Paper | White | 4.00 (101.6) | 2.00 (50.8) | 1 | 1000 |
| TT C36Y-1 | GM Y 4-W Polyester | White | 4.00 (101.6) | 2.00 (50.8) | 1 | 1000 |
| TT C37P-1 | GMP4-W Destructible Paper | White | 4.00 (101.6) | 3.00 (76.2) | 1 | 1000 |
| TT C37Y-1 | GM Y 4-W Polyester | White | 4.00 (101.6) | 3.00 (76.2) | 1 | 1000 |
| TT C38P-1 | GMP4-W Destructible Paper | White | 4.00 (101.6) | 4.00 (101.6) | 1 | 1000 |
| TT C38Y-1 | GM Y 4-W Polyester | White | 4.00 (101.6) | 4.00 (101.6) | 1 | 1000 |
| TT C39P-1 | GMP4-W Destructible Paper | White | 4.00 (101.6) | 5.00 (127.0) | 1 | 1000 |
| TT C39Y-1 | GM Y 4-W Polyester | White | 4.00 (101.6) | 5.00 (127.0) | 1 | 1000 |
| TT C40P-1 | GMP4-W Destructible Paper | White | 4.00 (101.6) | 6.00 (152.4) | 1 | 1000 |
| TT C41P-1 | GMP4-W Destructible Paper | White | 4.00 (101.6) | 6.50 (165.1) | 1 | 1000 |
| TT C41Y-1 | GM Y 4-W Polyester | White | 4.00 (101.6) | 6.50 (165.1) | 1 | 1000 |
| TT C42P-1 | GMP4-W Destructible Paper | White | 4.00 (101.6) | 12.88 (327.0) | 1 | 500 |
| TT C42Y-1 | GM Y 4-W Polyester | White | 4.00 (101.6) | 12.88 (327.0) | 1 | 500 |

*Order number of labels required in multiples of Std. Pkg. Qty.

PANDUIT® DURA-MARK™ PTR2 Printer Supplies



Continuous Roll Mounted Material

- Produce labels on demand for a wide variety of applications
- Ideal for printing bin markers, signs, pipe markers or other large labels
- Choose from an assortment of colors and sizes
- Clear over-laminate available to provide extra chemical and weather resistance
- Rolls are on 1.0" (25.4 mm) cores for use with PTR2 Printer

2" (50.8 mm) Wide Rolls



| Part Number | Description | Roll Width In. (mm) | Roll Length Ft. (m) | Color | Material | Std. Pkg. Qty* |
|--|-----------------------|---------------------|---------------------|---|------------------------|----------------|
| TTP2-CLR | Thermal Transfer Roll | 2.00 (50.8) | 100 (30.5) | Clear | Polyester | 1 |
| TTV2-WHT TTV2-YEL TTV2-RED TTV2-GRN TTV2-BLU TTV2-ORG | Thermal Transfer Roll | 2.00 (50.8) | 100 (30.5) | White Yellow Red Green Blue Orange | Vinyl | 1 |
| TTPA2-WHT | Thermal Transfer Roll | 2.00 (50.8) | 125 (38.1) | White | Paper | 1 |
| TTP2-LAM | Overlaminate Roll | 2.25 (57.1) | 100 (30.5) | Clear | Polyester Overlaminate | 1 |

*Order number of rolls required in multiples of Std. Pkg. Qty

4" (101.6 mm) Wide Rolls



| Part Number | Description | Roll Width In. (mm) | Roll Length Ft. (m) | Color | Material | Std. Pkg. Qty* |
|--|-----------------------|---------------------|---------------------|---|------------------------|----------------|
| TTP4-CLR | Thermal Transfer Roll | 4.00 (101.6) | 100 (30.5) | Clear | Polyester | 1 |
| TTV4-WHT TTV4-YEL TTV4-RED TTV4-GRN TTV4-BLU TTV4-ORG | Thermal Transfer Roll | 4.00 (101.6) | 100 (30.5) | White Yellow Red Green Blue Orange | Vinyl | 1 |
| TTPA4-WHT | Thermal Transfer Roll | 4.00 (101.6) | 125 (38.1) | White | Paper | 1 |
| TTP4-LAM | Overlaminate Roll | 4.25 (108.0) | 100 (30.5) | Clear | Polyester Overlaminate | 1 |

*Order number of rolls required in multiples of Std. Pkg. Qty.

Thermal Transfer Ribbons

| Part Number | Material | Size W X L | Use | Color | Std. Pkg. Qty* |
|-------------|----------|----------------------------------|---|-------|----------------|
| TTR-BL | Resin | 4.33" x 280' (110.0 mm x 85.3 m) | Vinyl and Polyester Applications | Black | 1 |
| TTR2-BL | Resin | 2.50" x 280' (63.5 mm x 85.3 m) | | Black | 1 |
| TTR-WH | Resin | 4.33" x 262' (110.0 mm x 79.8 m) | | White | 1 |
| TTR2-WH | Resin | 2.50" x 262' (63.5 mm x 79.8 m) | | White | 1 |
| TTRW-BL | Wax | 4.33" x 280' (110.0 mm x 85.3 m) | Self-Laminating, Heat Shrink and Paper Applications | Black | 1 |
| TTRW2-BL | Wax | 2.50" x 280' (63.5 mm x 85.3 m) | | Black | 1 |

*Order number of ribbons required in multiples of Std. Pkg. Qty.

PANDUIT® PAN-MARK™ Labeling Software

PAN-MARK™ for WINDOWS^

| |
|-------------|
| Part Number |
| PROG-WIN2 |

- Label design software for WINDOWS with import capability
- Full WINDOWS functions
- Creates labels to identify wire and devices quickly and economically
- Used with **DURA-MARK™** PTR2 Thermal Transfer Printer to meet unique labeling applications



SYSTEM REQUIREMENTS

- Designed for 3.1, 3.11, WINDOWS 95, 98 and NT
- Mouse or keyboard driven
- Recommend 486 processor, minimum 8 Mb of RAM
- 30 Mb of hard drive space

SOFTWARE FEATURES

- Uses all WINDOWS printers
- Supplied with 3.5" disks or CD
- Tool menu allows user to add to favorite WINDOWS tools
- Uses a full range of WINDOWS fonts including TrueType* fonts
- Print from 2 pt. to 300 pt. + on the same label
- Password protection for formats and label files
- Preloaded formats take the guesswork out of creating a label
- Create custom label formats
- Includes wire marker designs
- Image and text scaling
- Date, time, series, graphic and data import fields
- Format, label and print previews
- Multiple print range selection
- Text rotation and alignment

EDIT FUNCTIONS

- Standard copy, cut and paste
- Copy multiple labels
- Remove label
- Insert label
- Find a label

SERIALIZATION

- Alpha, numeric and combinations
- Multiple serialized strings in same file
- Easy text and serialization combination
- Insert constants in an existing file
- Octagonal and hexadecimal serialization

IMAGE FUNCTIONS

- Import graphic images using Bitmap (.BMP) files into a label
- Copy image from one label to others
- Image library includes common electrical and datacomm symbols:

Imported Images



panlogo.tif



lightng.tif



microwve.tif

Imported Images



C39.wmf



phone.bmp



fax.bmp

^WINDOWS is a registered trademark of Microsoft Corp.

*TrueType is a registered trademark of Apple Computing, Inc.

PANDUIT® Material Selection Guide

Material Selection Guide

| Material Code | Material Type | Temperature Range | Key Features | Color | Outdoor Rated | Hazardous Environment | UL Rec. | CSA |
|---------------|---------------|-------------------|--------------|-------|---------------|-----------------------|---------|-----|
|---------------|---------------|-------------------|--------------|-------|---------------|-----------------------|---------|-----|

Heat Shrink Material

| | | | | | | | | |
|---------------|--------------------------|---------------------------------|---|---------------|-----|-----|----|----|
| GMHS31 | 3:1 Flattened Polyolefin | -22°F to 220°F (-30°C to 105°C) | Outdoor rated material; ideal for wire and cable labeling in harsh environments | White, Yellow | Yes | Yes | No | No |
|---------------|--------------------------|---------------------------------|---|---------------|-----|-----|----|----|

Self-Laminating Label Materials

| | | | | | | | | |
|-------------|-------------------------------------|--------------------------------|---|-------|-----|-----|-----|-----|
| GMV3 | Self-Laminating Vinyl Film | -40°F to 176°F (-40°C to 80°C) | General purpose vinyl self-laminating labels | Clear | No | No | No | No |
| GMT1 | Self-Laminating TEDLAR [▲] | 0°F to 275°F (-18°C to 135°C) | Self-extinguishing, outdoor rated material; ideal for wire and cable labeling in harsh environments | Clear | Yes | Yes | Yes | Yes |

Blank Label Materials

| | | | | | | | | |
|------------------|---------------------------|---------------------------------|---|--------|-----|-----|----|----|
| GM P4-W | Destructible Paper | -65°F to 160°F (-54°C to 71°C) | Tamper resistant litho paper for permanent applications | White | No | No | No | No |
| GMPE4-W | Destructible Polyethylene | -40°F to 176°F (-40°C to 80°C) | Destructible adhesive for permanent applications | White | No | No | No | No |
| GM Y4-C | Clear Polyester | -40°F to 302°F (-40°C to 150°C) | Durable; high temperature; does not stretch or easily tear | Clear | Yes | Yes | No | No |
| GM Y4-W | White Polyester | -40°F to 302°F (-40°C to 150°C) | Durable; high temperature; does not stretch or easily tear | White | Yes | Yes | No | No |
| GM Y4-S | Metalized Polyester | -40°F to 302°F (-40°C to 150°C) | Durable; high temperature; does not stretch or easily tear; protects data EPROM by blocking out light | Silver | Yes | Yes | No | No |
| GM Y4-STE | Tamper Evident Polyester | -40°F to 104°F (-40°C to 40°C) | Destructible material; label cannot be completely removed once applied | Silver | Yes | No | No | No |
| GMT4-W | TEDLAR | -40°F to 275°F (-40°C to 135°C) | Indoor/outdoor high temperature labels; Self-extinguishing | White | Yes | Yes | No | No |

Continuous Roll Materials

| | | | | | | | | |
|--------------|-----------|------------------------------|---|---------|--------------|----|----|----|
| TT PA | Paper | -65° to 160°F (-54° to 71°C) | Standard paper material for general indoor labeling | White | No | No | No | No |
| TT V | Vinyl | -40° to 176°F (-40° to 80°C) | Conformable material for flat applications in indoor or outdoor environments. Can be overlaminated with clear polyester material to increase durability | Various | Yes, 2 years | No | No | No |
| TT P | Polyester | 0° to 275°F (-18° to 135°C) | TTP2-CLR/TTP4-CLR are used to produce markers with a clear background; TTP2-LAM/TTP4-LAM are used as an overlaminate to increase durability of vinyl or paper markers | Clear | Yes, 2 years | No | No | No |

▲TEDLAR is a registered trademark of E.I. DuPont Co.



Part of a complete line of Identification Products from Panduit including:

- Full line of hand-held and tabletop printers for printing custom labels on-demand
- Labeling Software
- Thermal Transfer Labels
- Ink Jet Labels
- Laser Labels
- Dot-Matrix Labels
- Wire Marking Products
- Electrical Markers
- Warning Labels
- Quality Assurance Labels

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