

LITPD205

Rev. 2



ShrinkTrak™

Heat Shrinkable Markers

**HellermannTyton**

## ShrinkTrak™ Heat Shrinkable Markers

HellermannTyton's ShrinkTrak™ heat shrinkable markers make it easy to mark wire, cable, and other components. These ladder-style markers are designed with side slits for easier application. All ShrinkTrak™ markers are military specified. They also reduce printer jams with their efficient and high performance design. For seamless labeling, ShrinkTrak™ can be printed using HellermannTyton's TagPrint Pro professional label creation software, thermal transfer printers and ribbons to create a permanent and solvent resistant print when shrunk and applied.

### VERSATILE

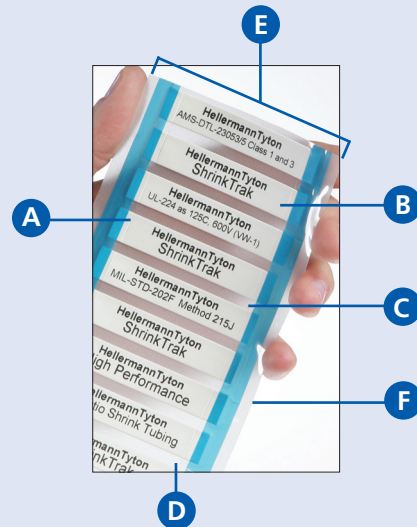
- Flexible, flame retardant, heat shrinkable polyolefin tubing meets all military specifications
- 3:1 shrink ratio
- Standard colors - yellow, white and black
- Larger packaging options result in less box changes

### HIGH PERFORMANCE DESIGN

- Center slit versions reduce or eliminate hand cutting
- Non-slip, printable liner allows additional marker data to be printed on the reverse side for records and placement instructions
- Utilize HellermannTyton's Durattach ribbon system for the highest print performance on the market

### REDUCE PRINTER JAMS

- Markers dispense directly into HellermannTyton thermal transfer printers with custom box opening
- Dispense markers faster and easier with waxed core dispenser



- A.** Side slit for easy insertion and removal from liner
- B.** Smooth, flat surface allows for consistent printing
- C.** Reduced spacing between markers for more efficiency
- D.** Markers firmly secured on anti-static liner to reduce static build-up in printers
- E.** Standard width to fit almost all thermal transfer printers
- F.** Pin-feed system not required

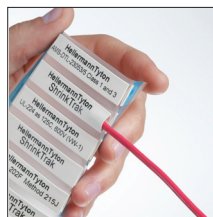
### EASY OF USE - STEP BY STEP GUIDE



**Step 1**  
Print with thermal transfer printer



**Step 2**  
Bend liner at side slit



**Step 3**  
Insert wire into marker



**Step 4**  
Pull-up on wire - the marker will pull away from liner



**ShrinkTrak Applied!**

HellermannTyton offers entire identification systems to maximize quality and consistency. The parts of the system are designed to work together to achieve greatest quality and reliability. ShrinkTrak™ heat shrinkable markers are designed to be printed with HellermannTyton software and printers to produce a high quality mark. Exceptional performance and superior print are attained with HellermannTyton's identification system.

## TagPrint<sup>PRO</sup>

PROFESSIONAL LABEL  
CREATION SOFTWARE

+



THERMAL TRANSFER  
PRINTER (TT430SM)

+



SHRINKTRAK™

=

COMPLETE  
SYSTEM

TagPrint™ Pro label creation and printing software is powerful, multi-functional and extremely easy to use. Used to provide solutions for industrial identification, TagPrint™ Pro speeds production and offers many options for a wide variety of labeling requirements. Character height adjustments are possible - reducing text distortion upon recovery of ShrinkTrak markers.

The HellermannTyton TT430SM printer is a thermal transfer printing system designed for HellermannTyton thermal transfer labels and ShrinkTrak. The 300 dot per inch resolution allows for printing of smooth scalable graphics and highly defined characters.

ShrinkTrak's efficient and high performance design saves application time with easy-to-use side slits to apply to wire or cable. The high performance military specified design ensures a quality printed mark and long performance.

Save time and improve quality with HellermannTyton's complete system and attain value and quality printed products. This cost savings system creates seamless printing for high performance industrial environments.

## ShrinkTrak Technical Specifications

|                         |                                                                                                             |
|-------------------------|-------------------------------------------------------------------------------------------------------------|
| Film:                   | Anti-static, non-slip 2 mil clear polyester                                                                 |
| Product thickness:      | 3 mil total thickness                                                                                       |
| Shrink temp. (nominal): | 194°F (90°C)                                                                                                |
| Flame Retardant:        | Yes                                                                                                         |
| Operating temp. range:  | -67°F to +275°F (-55°C to +135°C)                                                                           |
| Flexibility:            | Excellent                                                                                                   |
| Abrasion Resistance:    | Good                                                                                                        |
| Solvent Resistance:     | Good                                                                                                        |
| Standard Colors:        | White, Yellow & Black*                                                                                      |
| UL Rating:              | Meets UL-224 as 125°C, 600V (VW-1)                                                                          |
| Approvals:              | SAE-AS81531**<br>AMS-DTL-23053/5 Class 1 and 3<br>except for recovered diameter<br>MIL-STD-202G Method 215K |

\* Contact HellermannTyton for custom color options

\*\* Meets print performance requirements of SAE-AS81531 using the ribbons listed above in any thermal transfer printer, including HellermannTyton's TT320SM & TT1210

## RECOMMENDED THERMAL TRANSFER RIBBONS

### TT320SM Printer

- TTDTHOUTSM
- TT822OUTSM
- TTHSTOUTSM
- TT900OUTSM

### TT1210 or other

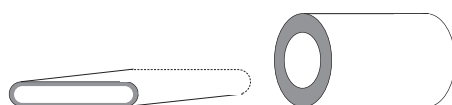
### thermal transfer printers

- TTDTHOUT
- TT822OUT
- TTHSTOUT
- TT900OUT



## ShrinkTrak Material Specifications

| DIAMETER SIZE                                                                  | 0.125"                             | 0.187"                             | 0.25"                              | 0.375"                             | 0.50"                              | 0.75"                              | 1.0"                              |
|--------------------------------------------------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|-----------------------------------|
| WIRE SIZE RANGE (AWG/MCM)                                                      | 18-22                              | 12-18                              | 10-16                              | 8-14                               | 2-10                               | 6-0000                             | 1-400                             |
| INSIDE DIAMETER AS SUPPLIED IN. (MM)*                                          | 0.118 +/- 0.024<br>(3.0 +/- 0.6)   | 0.177 +/- 0.032<br>(4.5 +/- 0.8)   | 0.236 +/- 0.040<br>(6.0 +/- 1.0)   | 0.354 +/- 0.040<br>(9.0 +/- 1.0)   | 0.472 +/- 0.040<br>(12.0 +/- 1.0)  | 0.732 +/- 0.040<br>(18.6 +/- 1.0)  | 1.57 +/- 0.040<br>(40.0 +/- 1.0)  |
| INSIDE DIAMETER AFTER RECOVERY IN. (MM)**                                      | 0.043<br>(1.1)                     | 0.063<br>(1.6)                     | 0.083<br>(2.1)                     | 0.122<br>(3.1)                     | 0.166<br>(4.2)                     | 0.25<br>(6.35)                     | 0.33<br>(8.3)                     |
| WALL THICKNESS AFTER RECOVERY IN. (MM)                                         | 0.024 +/- 0.004<br>(0.60 +/- 0.10) | 0.026 +/- 0.004<br>(0.65 +/- 0.10) | 0.028 +/- 0.004<br>(0.70 +/- 0.10) | 0.031 +/- 0.006<br>(0.80 +/- 0.15) | 0.033 +/- 0.006<br>(0.85 +/- 0.15) | 0.036 +/- 0.006<br>(0.91 +/- 0.15) | 0.039 +/- 0.006<br>(1.0 +/- 0.15) |
| OVERALL WIDTH IN. (MM)                                                         | 0.209 +/- 0.040<br>(5.3 +/- 1.0)   | 0.303 +/- 0.052<br>(7.7 +/- 1.3)   | 0.398 +/- 0.063<br>(10.1 +/- 1.6)  | 0.587 +/- 0.063<br>(14.9 +/- 1.6)  | 0.776 +/- 0.063<br>(19.7 +/- 1.6)  | 1.21 +/- 0.063<br>(30.8 +/- 1.6)   | 1.63 +/- 0.063<br>(41.38 +/- 1.6) |
| OVERALL HEIGHT IN. (MM)                                                        | 0.020<br>(0.508)                   | 0.020<br>(0.508)                   | 0.020<br>(0.508)                   | 0.022<br>(0.558)                   | 0.023<br>(0.582)                   | 0.025<br>(0.63)                    | 0.03<br>(0.76)                    |
| DIMENSIONAL REFERENCE (IF THE WIRE OR CABLE DIAMETER IS LESS THAN OR EQUAL TO) |                                    |                                    |                                    |                                    |                                    |                                    |                                   |

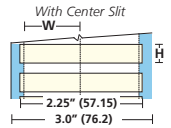
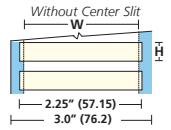


\*As supplied

\*\*Recovered

### Product Selection

| PART NUMBER* | CROSS REFERENCE TO FORMER HT PRODUCT | TYPE**          | COLOR  | CENTER SLIT | DIAMETER IN. (MM) | W IN. (MM)   | H IN. (MM)   | PKG. QTY. |
|--------------|--------------------------------------|-----------------|--------|-------------|-------------------|--------------|--------------|-----------|
| 553-50001    | THS-610BM                            | HST3-1BK        | Black  | -           | .125 (3.17)       | 1.9 (48.26)  | .235 (5.97)  | 250       |
| 553-50002    | THS-610W                             | HST3-1WH        | White  | -           | .125 (3.17)       | 1.9 (48.26)  | .235 (5.97)  | 250       |
| 553-50003    | THS-610W10C                          | HST3-1WH        | White  | -           | .125 (3.17)       | 1.9 (48.26)  | .235 (5.97)  | 1000      |
| 553-50078    | THS-610W25C                          | HST3-1WH        | White  | -           | .125 (3.17)       | 1.9 (48.26)  | .235 (5.97)  | 2500      |
| 553-50004    | THS-610WP                            | HST3-1WH-S      | White  | Single      | .125 (3.17)       | .95 (24.1)   | .235 (5.97)  | 500       |
| 553-50074    | THS-610WP10C                         | HST3-1WH-S      | White  | Single      | .125 (3.17)       | .95 (24.1)   | .235 (5.97)  | 2000      |
| 553-50067    | THS-610WP25C                         | HST3-1WH-S      | White  | Single      | .125 (3.17)       | .95 (24.1)   | .235 (5.97)  | 5000      |
| 553-50070    | THS-610W2P                           | HST3-1WH-2S     | White  | Double      | .125 (3.17)       | .633 (16.08) | .235 (5.97)  | 750       |
| 553-50075    | THS-610W2P10C                        | HST3-1WH-2S     | White  | Double      | .125 (3.17)       | .633 (16.08) | .235 (5.97)  | 3000      |
| 553-50063    | THS-610W3P                           | HST3-1WH-3S     | White  | Triple      | .125 (3.17)       | .475 (12.07) | .235 (5.97)  | 1000      |
| 553-50088    | THS-610W3P10C                        | HST3-1WH-3S     | White  | Triple      | .125 (3.17)       | .475 (12.07) | .235 (5.97)  | 4000      |
| 553-50006    | THS-610Y10C                          | HST3-1YE        | Yellow | -           | .125 (3.17)       | 1.9 (48.26)  | .235 (5.97)  | 1000      |
| 553-50005    | THS-610Y                             | HST3-1YE        | Yellow | -           | .125 (3.17)       | 1.9 (48.26)  | .235 (5.97)  | 250       |
| 553-50007    | THS-610YP                            | HST3-1YE-S      | Yellow | Single      | .125 (3.17)       | .95 (24.1)   | .235 (5.97)  | 500       |
| 553-50076    | THS-610YP10C                         | HST3-1YE-S      | Yellow | Single      | .125 (3.17)       | .95 (24.1)   | .235 (5.97)  | 2000      |
| 553-50071    | THS-610Y2P                           | HST3-1YE-2S     | Yellow | Double      | .125 (3.17)       | .633 (16.08) | .235 (5.97)  | 750       |
| 553-50077    | THS-610Y2P10C                        | HST3-1YE-2S     | Yellow | Double      | .125 (3.17)       | .633 (16.08) | .235 (5.97)  | 3000      |
| 553-50008    | THS-615BM                            | HST4.8-1.6BK    | Black  | -           | .187 (4.74)       | 1.9 (48.26)  | .312 (7.92)  | 250       |
| 553-50009    | THS-615W                             | HST4.8-1.6WH    | White  | -           | .187 (4.74)       | 1.9 (48.26)  | .312 (7.92)  | 250       |
| 553-50010    | THS-615W10C                          | HST4.8-1.6WH    | White  | -           | .187 (4.74)       | 1.9 (48.26)  | .312 (7.92)  | 1000      |
| 553-50079    | THS-615W50C                          | HST4.8-1.6WH    | White  | -           | .187 (4.74)       | 1.9 (48.26)  | .312 (7.92)  | 5000      |
| 553-50011    | THS-615WP                            | HST4.8-1.6WH-S  | White  | Single      | .187 (4.74)       | .95 (24.1)   | .312 (7.92)  | 500       |
| 553-50080    | THS-615WP10C                         | HST4.8-1.6WH-S  | White  | Single      | .187 (4.74)       | .95 (24.1)   | .312 (7.92)  | 2000      |
| 553-50068    | THS-615W2P                           | HST4.8-1.6WH-2S | White  | Double      | .187 (4.74)       | .633 (16.08) | .312 (7.92)  | 750       |
| 553-50072    | THS-615W2P10C                        | HST4.8-1.6WH-2S | White  | Double      | .187 (4.74)       | .633 (16.08) | .312 (7.92)  | 3000      |
| 553-50064    | THS-615W3P                           | HST4.8-1.6WH-3S | White  | Triple      | .187 (4.74)       | .475 (12.07) | .312 (7.92)  | 1000      |
| 553-50081    | THS-615W3P10C                        | HST4.8-1.6WH-3S | White  | Triple      | .187 (4.74)       | .475 (12.07) | .312 (7.92)  | 4000      |
| 553-50013    | THS-615Y10C                          | HST4.8-1.6YE    | Yellow | -           | .187 (4.74)       | 1.9 (48.26)  | .312 (7.92)  | 1000      |
| 553-50012    | THS-615Y                             | HST4.8-1.6YE    | Yellow | -           | .187 (4.74)       | 1.9 (48.26)  | .312 (7.92)  | 250       |
| 553-50014    | THS-615YP                            | HST4.8-1.6YE-S  | Yellow | Single      | .187 (4.74)       | .95 (24.1)   | .312 (7.92)  | 500       |
| 553-50069    | THS-615Y2P                           | HST4.8-1.6YE-2S | Yellow | Double      | .187 (4.74)       | .633 (16.08) | .312 (7.92)  | 750       |
| 553-50073    | THS-615Y2P10C                        | HST4.8-1.6YE-2S | Yellow | Double      | .187 (4.74)       | .633 (16.08) | .312 (7.92)  | 3000      |
| 553-50015    | THS-620BM                            | HST6-2BK        | Black  | -           | .25 (6.35)        | 1.9 (48.26)  | .420 (10.67) | 250       |
| 553-50016    | THS-620W                             | HST6-2WH        | White  | -           | .25 (6.35)        | 1.9 (48.26)  | .420 (10.67) | 250       |
| 553-50017    | THS-620W10C                          | HST6-2WH        | White  | -           | .25 (6.35)        | 1.9 (48.26)  | .420 (10.67) | 1000      |
| 553-50090    | THS-620W25C                          | HST6-2WH        | White  | -           | .25 (6.35)        | 1.9 (48.26)  | .420 (10.67) | 2500      |
| 553-50018    | THS-620W50C                          | HST6-2WH        | White  | -           | .25 (6.35)        | 1.9 (48.26)  | .420 (10.67) | 5000      |
| 553-50019    | THS-620WP                            | HST6-2WH-S      | White  | Single      | .25 (6.35)        | .95 (24.1)   | .420 (10.67) | 500       |
| 553-50084    | THS-620WP10C                         | HST6-2WH-S      | White  | Single      | .25 (6.35)        | .95 (24.1)   | .420 (10.67) | 2000      |
| 553-50082    | THS-620W2P                           | HST6-2WH-2S     | White  | Double      | .25 (6.35)        | .633 (16.08) | .420 (10.67) | 750       |
| 553-50065    | THS-620W3P                           | HST6-2WH-3S     | White  | Triple      | .25 (3.17)        | .475 (12.07) | .420 (10.67) | 1000      |
| 553-50089    | THS-620W3P10C                        | HST6-2WH-3S     | White  | Triple      | .25 (3.17)        | .475 (12.07) | .420 (10.67) | 4000      |
| 553-50020    | THS-620Y                             | HST6-2YE        | Yellow | -           | .25 (6.35)        | 1.9 (48.26)  | .420 (10.67) | 250       |
| 553-50021    | THS-620Y10C                          | HST6-2YE        | Yellow | -           | .25 (6.35)        | 1.9 (48.26)  | .420 (10.67) | 1000      |
| 553-50022    | THS-620YP                            | HST6-2YE-S      | Yellow | Single      | .25 (6.35)        | .95 (24.1)   | .420 (10.67) | 500       |
| 553-50085    | THS-620YP10C                         | HST6-2YE-S      | Yellow | Single      | .25 (6.35)        | .95 (24.1)   | .420 (10.67) | 2000      |
| 553-50083    | THS-620Y2P                           | HST6-2YE-2S     | Yellow | Double      | .25 (6.35)        | .633 (16.08) | .420 (10.67) | 750       |
| 553-50023    | THS-625BM                            | HST9-3BK        | Black  | -           | .375 (9.52)       | 1.9 (48.26)  | .597 (15.16) | 250       |
| 553-50024    | THS-625W                             | HST9-3WH        | White  | -           | .375 (9.52)       | 1.9 (48.26)  | .597 (15.16) | 250       |
| 553-50025    | THS-625WP                            | HST9-3WH-S      | White  | Single      | .375 (9.52)       | .95 (24.1)   | .597 (15.16) | 500       |
| 553-50066    | THS-625W3P                           | HST9-3WH-3S     | White  | Triple      | .375 (9.52)       | .475 (12.07) | .597 (15.16) | 1000      |
| 553-50026    | THS-625Y                             | HST9-3YE        | Yellow | -           | .375 (9.52)       | 1.9 (48.26)  | .597 (15.16) | 250       |
| 553-50027    | THS-625YP                            | HST9-3YE-S      | Yellow | Single      | .375 (9.52)       | .95 (24.1)   | .597 (15.16) | 500       |
| 553-50028    | THS-630BM                            | HST12-4BK       | Black  | -           | .50 (12.7)        | 1.9 (48.26)  | .77 (19.55)  | 250       |
| 553-50029    | THS-630W                             | HST12-4WH       | White  | -           | .50 (12.7)        | 1.9 (48.26)  | .77 (19.55)  | 250       |
| 553-50030    | THS-630WP                            | HST12-4WH-S     | White  | Single      | .50 (12.7)        | .95 (24.1)   | .77 (19.55)  | 500       |
| 553-50086    | THS-630W3P                           | HST12-4WH-3S    | White  | Triple      | .50 (12.7)        | .475 (12.07) | .77 (19.55)  | 1000      |
| 553-50031    | THS-630Y                             | HST12-4YE       | Yellow | -           | .50 (12.7)        | 1.9 (48.26)  | .77 (19.55)  | 250       |
| 553-50032    | THS-630YP                            | HST12-4YE-S     | Yellow | Single      | .50 (12.7)        | .95 (24.1)   | .77 (19.55)  | 500       |
| 553-50087    | THS-630Y3P                           | HST12-4YE-3S    | Yellow | Triple      | .50 (12.7)        | .475 (12.07) | .77 (19.55)  | 1000      |
| 553-50033    | THS-635BM                            | HST18-6BK       | Black  | -           | .75 (19.05)       | 1.9 (48.26)  | 1.2 (30.48)  | 250       |
| 553-50034    | THS-635W                             | HST18-6WH       | White  | -           | .75 (19.05)       | 1.9 (48.26)  | 1.2 (30.48)  | 250       |
| 553-50035    | THS-635WP                            | HST18-6WH-S     | White  | Single      | .75 (19.05)       | .95 (24.1)   | 1.2 (30.48)  | 500       |
| 553-50036    | THS-635Y                             | HST18-6YE       | Yellow | -           | .75 (19.05)       | 1.9 (48.26)  | 1.2 (30.48)  | 250       |
| 553-50037    | THS-635YP                            | HST18-6YE-S     | Yellow | Single      | .75 (19.05)       | .95 (24.1)   | 1.2 (30.48)  | 500       |
| 553-50038    | THS-640BM                            | HST24-8BK       | Black  | -           | 1.0 (25.4)        | 1.9 (48.26)  | 1.69 (42.93) | 250       |
| 553-50039    | THS-640W                             | HST24-8WH       | White  | -           | 1.0 (25.4)        | 1.9 (48.26)  | 1.69 (42.93) | 250       |
| 553-50040    | THS-640WP                            | HST24-8WH-S     | White  | Single      | 1.0 (25.4)        | .95 (24.1)   | 1.69 (42.93) | 500       |
| 553-50041    | THS-640Y                             | HST24-8YE       | Yellow | -           | 1.0 (25.4)        | 1.9 (48.26)  | 1.69 (42.93) | 250       |
| 553-50042    | THS-640YP                            | HST24-8YE-S     | Yellow | Single      | 1.0 (25.4)        | .95 (24.1)   | 1.69 (42.93) | 500       |



## TagPrint**PRO** Professional Label Creation Software

### EASY TO USE

- Beginners can use the built-in label design wizard to step through the entire label design process.
- TagPrint Pro allows the user to place graphics, text, bar codes, and lines anywhere on the label.
- All ShrinkTrak marker sizes are loaded in the software for easy design and printing.
- TagPrint Pro can print to nearly any dot matrix, laser, ink jet, or thermal transfer printer with a valid 32-bit Windows or Windows NT printer driver.

### VERSATILE

- A built-in table allows the user to incorporate variable sets of data, graphics, or bar codes onto the label.
- The powerful sequencing feature can also be used to skip the tedious data entry process - leading to substantial cost savings through time saving



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# HellermannTyton

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