

LITPD205

Rev. 2



ShrinkTrak™

Heat Shrinkable Markers

HellermannTyton

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.

TagPrintPRO

PROFESSIONAL LABEL
CREATION SOFTWARE

+



THERMAL TRANSFER
PRINTER (TT320SM)

+



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 TT320SM 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™ 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

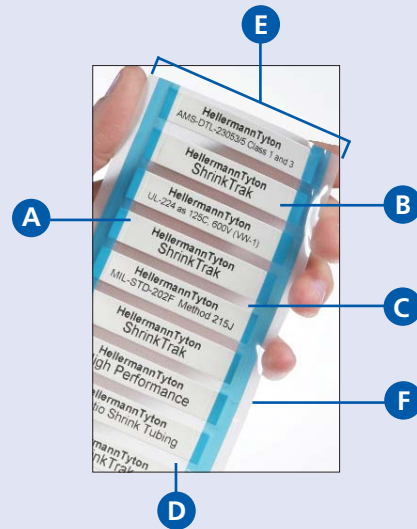
- Flexible, flame retardant, heat shrinkable polyolefin tubing meets all military specifications
- 3:1 shrink ratio
- Standard colors - yellow, white and black
- Larger packaging options result in less box changes

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

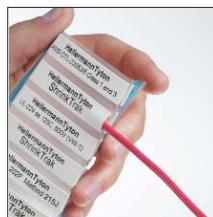
EASY OF USE - STEP BY STEP GUIDE



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!

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** AMS-DTL-23053/5 Class 1 and 3 except for recovered diameter 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

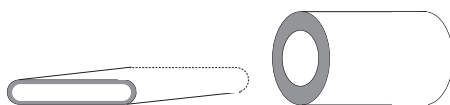
TT1210 or other thermal transfer printers

- 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 (3.0 +/- 0.6)	0.177 +/- 0.032 (4.5 +/- 0.8)	0.236 +/- 0.040 (6.0 +/- 1.0)	0.354 +/- 0.040 (9.0 +/- 1.0)	0.472 +/- 0.040 (12.0 +/- 1.0)	0.732 +/- 0.040 (18.6 +/- 1.0)	1.57 +/- 0.040 (40.0 +/- 1.0)
INSIDE DIAMETER AFTER RECOVERY IN. (MM)**	0.043 (1.1)	0.063 (1.6)	0.083 (2.1)	0.122 (3.1)	0.166 (4.2)	0.25 (6.35)	0.33 (8.3)
WALL THICKNESS AFTER RECOVERY IN. (MM)	0.024 +/- 0.004 (0.60 +/- 0.10)	0.026 +/- 0.004 (0.65 +/- 0.10)	0.028 +/- 0.004 (0.70 +/- 0.10)	0.031 +/- 0.006 (0.80 +/- 0.15)	0.033 +/- 0.006 (0.85 +/- 0.15)	0.036 +/- 0.006 (0.91 +/- 0.15)	0.039 +/- 0.006 (1.0 +/- 0.15)
OVERALL WIDTH IN. (MM)	0.209 +/- 0.040 (5.3 +/- 1.0)	0.303 +/- 0.052 (7.7 +/- 1.3)	0.398 +/- 0.063 (10.1 +/- 1.6)	0.587 +/- 0.063 (14.9 +/- 1.6)	0.776 +/- 0.063 (19.7 +/- 1.6)	1.21 +/- 0.063 (30.8 +/- 1.6)	1.63 +/- 0.063 (41.38 +/- 1.6)
OVERALL HEIGHT IN. (MM)	0.020 (0.508)	0.020 (0.508)	0.020 (0.508)	0.022 (0.558)	0.023 (0.582)	0.025 (0.63)	0.03 (0.76)
DIMENSIONAL REFERENCE (IF THE WIRE OR CABLE DIAMETER IS LESS THAN OR EQUAL TO)							

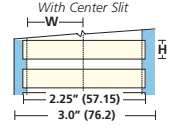
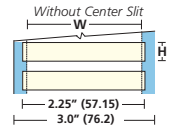


*As supplied

**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



TagPrintPRO 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



Product Selection

PART NUMBER	DESCRIPTION	SYSTEM REQUIREMENTS	MEDIA	PKG. QTY.
556-00022	TagPrint™ Pro Software - Version 2.0	Windows 98se, ME, NT4.0, 2000 or XP	CD-ROM	1

TT320SM Printer

- 300 dots per inch thermal transfer printer
- Print speed of 1" to 2" per second
- Easy-to-load label and ribbon path



Product Selection

PART NUMBER	DESCRIPTION	PKG. QTY.
TT320SM	Thermal Transfer Printer (Medium to Low Volume)—High Resolution	1
CADDY5.0	Caddy for TT320SM Printer	1
105910-155	Replacement printhead for TT320SM printer	1

HellermannTyton offers a full line of identification products including the Spirit 2100 handheld printer, and a wide variety of labels: thermal transfer, laser, ink jet and dot matrix printable.

HellermannTyton

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LITPD205 Rev. 2 — OCTOBER 2005, PRINTED IN THE U.S.A.