

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

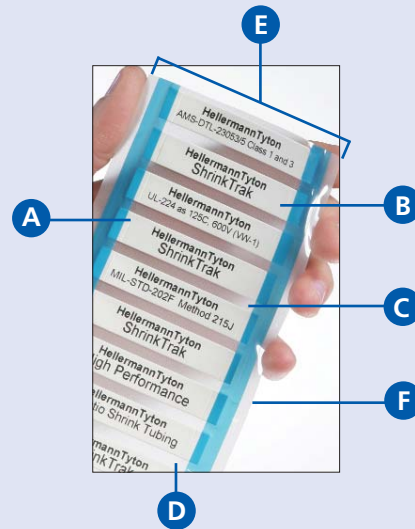
- Flexible, flame retardant, heat shrinkable polyolefin tubing meets all military specifications
- 3:1 shrink ratio
- Standard colors - yellow, white and black
- Larger packaging options result in less box changes

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

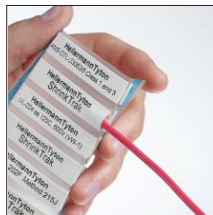
EASE OF USE - STEP BY STEP GUIDE



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

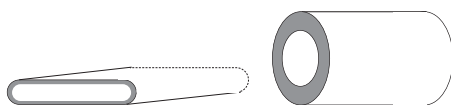
thermal transfer printers

- 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)							

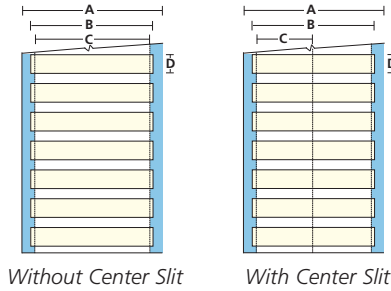


*As supplied

**Recovered

SHRINKTRAK MARKERS

Double-sided ShrinkTrak coming soon!



Product Selection

PART NUMBER*	CROSS REF. TO FORMER HT PRODUCT	DESCRIPTION**	COLOR	CENTER SLIT	DIAMETER IN. (MM)	A IN. (MM)	B IN. (MM)	C IN. (MM)	D IN. (MM)	PKG. QTY.
553-50001	THS-610BM	HST-32BK	Black	-	.125 (3.17)	3.0 (76.2)	2.25 (57.15)	1.9 (48.26)	.235 (5.97)	250
553-50002	THS-610W	HST-32WE	White	-	.125 (3.17)	3.0 (76.2)	2.25 (57.15)	1.9 (48.26)	.235 (5.97)	250
553-50003	THS-610W10C	HST-32WE10C	White	-	.125 (3.17)	3.0 (76.2)	2.25 (57.15)	1.9 (48.26)	.235 (5.97)	1000
553-50004	THS-610WP	HST-32WES	White	Slit	.125 (3.17)	3.0 (76.2)	2.25 (57.15)	.95 (24.1)	.235 (5.97)	500
553-50006	THS-610Y10C	HST-32YW10C	Yellow	-	.125 (3.17)	3.0 (76.2)	2.25 (57.15)	1.9 (48.26)	.235 (5.97)	1000
553-50005	THS-610Y	HST-32YW	Yellow	-	.125 (3.17)	3.0 (76.2)	2.25 (57.15)	1.9 (48.26)	.235 (5.97)	250
553-50007	THS-610YP	HST-32YWS	Yellow	Slit	.125 (3.17)	3.0 (76.2)	2.25 (57.15)	.95 (24.1)	.235 (5.97)	500
553-50008	THS-615BM	HST-48BK	Black	-	.187 (4.74)	3.0 (76.2)	2.25 (57.15)	1.9 (48.26)	.312 (7.92)	250
553-50009	THS-615W	HST-48WE	White	-	.187 (4.74)	3.0 (76.2)	2.25 (57.15)	1.9 (48.26)	.312 (7.92)	250
553-50010	THS-615W10C	HST-48WE10C	White	-	.187 (4.74)	3.0 (76.2)	2.25 (57.15)	1.9 (48.26)	.312 (7.92)	1000
553-50011	THS-615WP	HST-48WES	White	Slit	.187 (4.74)	3.0 (76.2)	2.25 (57.15)	.95 (24.1)	.312 (7.92)	500
553-50013	THS-615Y10C	HST-48YW10C	Yellow	-	.187 (4.74)	3.0 (76.2)	2.25 (57.15)	1.9 (48.26)	.312 (7.92)	1000
553-50012	THS-615Y	HST-48YW	Yellow	-	.187 (4.74)	3.0 (76.2)	2.25 (57.15)	1.9 (48.26)	.312 (7.92)	250
553-50014	THS-615YP	HST-48YWS	Yellow	Slit	.187 (4.74)	3.0 (76.2)	2.25 (57.15)	.95 (24.1)	.312 (7.92)	500
553-50015	THS-620BM	HST-63BK	Black	-	.25 (6.35)	3.0 (76.2)	2.25 (57.15)	1.9 (48.26)	.420 (10.67)	250
553-50016	THS-620W	HST-63WE	White	-	.25 (6.35)	3.0 (76.2)	2.25 (57.15)	1.9 (48.26)	.420 (10.67)	250
553-50017	THS-620W10C	HST-63WE10C	White	-	.25 (6.35)	3.0 (76.2)	2.25 (57.15)	1.9 (48.26)	.420 (10.67)	1000
553-50018	THS-620W50C	HST-63WE50C	White	-	.25 (6.35)	3.0 (76.2)	2.25 (57.15)	1.9 (48.26)	.420 (10.67)	5000
553-50019	THS-620WP	HST-63WES	White	Slit	.25 (6.35)	3.0 (76.2)	2.25 (57.15)	.95 (24.1)	.420 (10.67)	500
553-50021	THS-620Y10C	HST-63YW10C	Yellow	-	.25 (6.35)	3.0 (76.2)	2.25 (57.15)	1.9 (48.26)	.420 (10.67)	1000
553-50020	THS-620Y	HST-63YW	Yellow	-	.25 (6.35)	3.0 (76.2)	2.25 (57.15)	1.9 (48.26)	.420 (10.67)	250
553-50022	THS-620YP	HST-63YWS	Yellow	Slit	.25 (6.35)	3.0 (76.2)	2.25 (57.15)	.95 (24.1)	.420 (10.67)	500
553-50023	THS-625BM	HST-95BK	Black	-	.375 (9.52)	3.0 (76.2)	2.25 (57.15)	1.9 (48.26)	.597 (15.16)	250
553-50024	THS-625W	HST-95WE	White	-	.375 (9.52)	3.0 (76.2)	2.25 (57.15)	1.9 (48.26)	.597 (15.16)	250
553-50025	THS-625WP	HST-95WES	White	Slit	.375 (9.52)	3.0 (76.2)	2.25 (57.15)	.95 (24.1)	.597 (15.16)	500
553-50026	THS-625Y	HST-95WY	Yellow	-	.375 (9.52)	3.0 (76.2)	2.25 (57.15)	1.9 (48.26)	.597 (15.16)	250
553-50027	THS-625YP	HST-95YWS	Yellow	Slit	.375 (9.52)	3.0 (76.2)	2.25 (57.15)	.95 (24.1)	.597 (15.16)	500
553-50028	THS-630BM	HST-127BK	Black	-	.50 (12.7)	3.0 (76.2)	2.25 (57.15)	1.9 (48.26)	.77 (19.55)	250
553-50029	THS-630W	HST-127WE	White	-	.50 (12.7)	3.0 (76.2)	2.25 (57.15)	1.9 (48.26)	.77 (19.55)	250
553-50030	THS-630WP	HST-127WES	White	Slit	.50 (12.7)	3.0 (76.2)	2.25 (57.15)	.95 (24.1)	.77 (19.55)	500
553-50031	THS-630Y	HST-127YW	Yellow	-	.50 (12.7)	3.0 (76.2)	2.25 (57.15)	1.9 (48.26)	.77 (19.55)	250
553-50032	THS-630YP	HST-127YWS	Yellow	Slit	.50 (12.7)	3.0 (76.2)	2.25 (57.15)	.95 (24.1)	.77 (19.55)	500
553-50033	THS-635BM	HST-190BK	Black	-	.75 (19.05)	3.0 (76.2)	2.25 (57.15)	1.9 (48.26)	1.2 (30.48)	250
553-50034	THS-635W	HST-190WE	White	-	.75 (19.05)	3.0 (76.2)	2.25 (57.15)	1.9 (48.26)	1.2 (30.48)	250
553-50035	THS-635WP	HST-190WES	White	Slit	.75 (19.05)	3.0 (76.2)	2.25 (57.15)	.95 (24.1)	1.2 (30.48)	500
553-50036	THS-635Y	HST-190YW	Yellow	-	.75 (19.05)	3.0 (76.2)	2.25 (57.15)	1.9 (48.26)	1.2 (30.48)	250
553-50037	THS-635YP	HST-190YWS	Yellow	Slit	.75 (19.05)	3.0 (76.2)	2.25 (57.15)	.95 (24.1)	1.2 (30.48)	500
553-50038	THS-640BM	HST-254BK	Black	-	1.0 (25.4)	3.0 (76.2)	2.25 (57.15)	1.9 (48.26)	1.69 (42.93)	250
553-50039	THS-640W	HST-254WE	White	-	1.0 (25.4)	3.0 (76.2)	2.25 (57.15)	1.9 (48.26)	1.69 (42.93)	250
553-50040	THS-640WP	HST-254WES	White	Slit	1.0 (25.4)	3.0 (76.2)	2.25 (57.15)	.95 (24.1)	1.69 (42.93)	500
553-50041	THS-640Y	HST-254YW	Yellow	-	1.0 (25.4)	3.0 (76.2)	2.25 (57.15)	1.9 (48.26)	1.69 (42.93)	250
553-50042	THS-640YP	HST-254YWS	Yellow	Slit	1.0 (25.4)	3.0 (76.2)	2.25 (57.15)	.95 (24.1)	1.69 (42.93)	500

*Order ShrinkTrak with Part Number

**Description should be used for drawing and specification requests

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.

TagPrintPRO Professional Label Creation Software



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 North American Corporate Headquarters

7930 N. Faulkner Rd, PO Box 245017
 Milwaukee, WI 53224
 Phone: (414) 355-1130, (800) 537-1512
 Fax: (414) 355-7341, (800) 848-9866
 email: corp@htamericas.com

A QS9000 and ISO14001 Registered Company

HellermannTyton Canada

Beaver Creek Business Park
 Unit #1, 160 West Beaver Creek
 Richmond Hill, Ontario L4B 1B4 Canada
 Phone: (905) 882-8024, (800) 661-2461
 Fax: (905) 882-1624, (800) 390-3904
 email: sales@hellermannnyton.ca

HellermannTyton Mexico

Anillo Periferico Sur 7980 Edificio 2 - D
 Parque Industrial Tecnologico II
 Tlaquepaque, Jalisco, Mexico 45600
 email: info@hellermannnyton.com.mx

www.hellermann.tyton.com

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