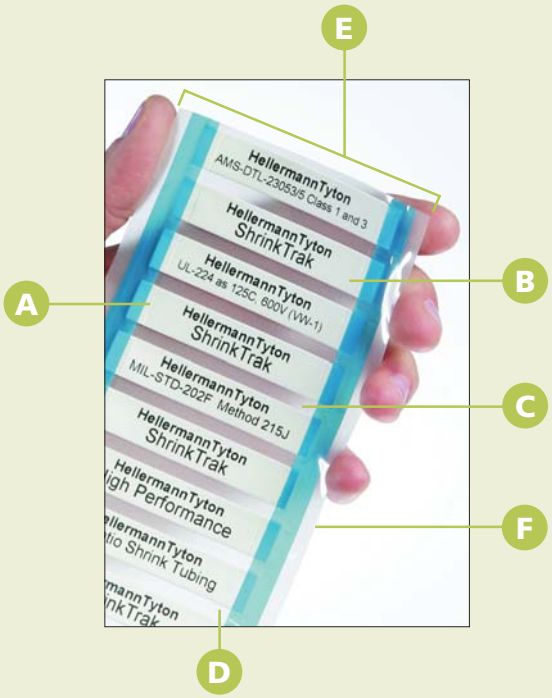
ShrinkTrak™ Heat Shrinkable Markers

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 efficient use of ribbon material
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™ Heat Shrinkable Markers *continued*

Material Data	
Material	**Polyolefin, cross-linked (POX)**
Product Thickness	**3 mil total thickness**
Shrink Temperature (nominal)	**+194 °F (+90 °C)**
Operating Temperature	**-67 °F to +275 °F (-55 °C to +135 °C)**
Flame Retardant	**Yes**
Flammability	**UL224 VW1**
Flexibility	**flexible**
Abrasion Resistance	**Good**
Solvent Resistance	**Good**
Standard Colors *For other colors, contact HellermannTyton	**White, Yellow & Black**
UL Rating	**Meets UL-224 as +257 °F (+125 °C), 600V (VW-1)**
Certification	**AMS-DTL-23053/5 Class 1 and 3, SAE-AS81531, MIL-STD-202G Method 215K**

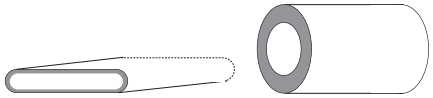
Recommended Thermal Transfer Ribbons

TT320SM Printer	**TT1210 or other thermal transfer printer**
TTDTHOUTSM	TTDTHOUT
T822OUTSM	TT822OUT
TTHSTOUTSM	TTHSTOUT
TT900OUTSM	TT900OUT



ShrinkTrak Specifications

Diameter Size	**0.125″**	**0.187″**	**0.25″**	**0.375″**	**0.50″**	**0.75″**	**1.0″**
Wire Size Range (AWG/MCM)	18-22 (.044 - 1)	12-18 (.063 - .17)	10-16 (.083 - .230)	8-14 (.122 - .340)	2-10 (.166 - .470)	6-0000 (.25 - .725)	1-400 (.330 - .876)
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)	0.470 +/- 0.024 (12.0 +/- 1.0)	0.732 +/- 0.040 (18.6 +/- 1.0)	1.024 +/- 0.040 (26.0 +/- 1.0)
Inside Diameter After Recovery In. (mm)	0.043 (1.0)	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)	0.0209 +/- 0.040 (.53 +/- 0.10)	0.026 +/- 0.004 (.65 +/- 0.10)	0.028 +/- 0.004 (.71 +/- 0.10)	0.031 +/- 0.006 (0.78 +/- 0.15)	0.033 +/- 0.006 (0.83 +/- 0.15)	0.036 +/- 0.006 (0.91 +/- 0.15)	0.039 +/- 0.006 (.99 +/- 1.6)
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)							

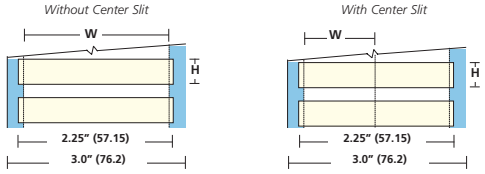


*As supplied **Recovered

* Contact HellermannTyton for custom color options.

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

ShrinkTrak™ Heat Shrinkable Markers *continued*

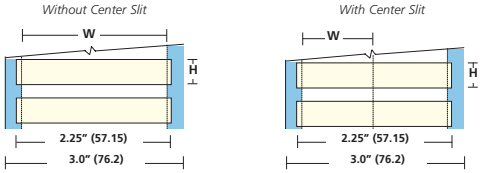


Product Selection

Article No.	Part No.	Type	Cross Ref to Former Part No.	Color	Center Slit	Width (W) In. (mm.)	Height (H) In. (mm.)	Pkg. Qty.
0.125″ (3.17mm) - Outside Diameter								
553-50001	**553-50001**	HST3-1BK	THS-610BM	Black	-	1.9″ (48.26)	.235″ (5.97)	250
553-50002	**553-50002**	HST3-1WH	THS-610W	White	-	1.9″ (48.26)	.235″ (5.97)	250
553-50003	**553-50003**	HST3-1WH	THS-610W10C	White	-	1.9″ (48.26)	.235″ (5.97)	1000
553-50078	**553-50078**	HST3-1WH	THS-610W25C	White	-	1.9″ (48.26)	.235″ (5.97)	2500
553-50004	**553-50004**	HST3-1WH-S	THS-610WP	White	Single	.95″ (24.1)	.235″ (5.97)	500
553-50074	**553-50074**	HST3-1WH-S	THS-610WP10C	White	Single	.95″ (24.1)	.235″ (5.97)	2000
553-50067	**553-50067**	HST3-1WH-S	THS-610WP25C	White	Single	.95″ (24.1)	.235″ (5.97)	5000
553-50070	**553-50070**	HST3-1WH-2S	THS-610W2P	White	Double	.63″ (16.08)	.235″ (5.97)	750
553-50075	**553-50075**	HST3-1WH-2S	THS-610W2P10C	White	Double	.63″ (16.08)	.235″ (5.97)	3000
553-50063	**553-50063**	HST3-1WH-3S	THS-610W3P	White	Triple	.475″ (12.07)	.235″ (5.97)	1000
553-50088	**553-50088**	HST-32WH3S10C	THS-610W3P10C	White	Triple	.475″ (12.07)	.235″ (5.97)	4000
553-50006	**553-50006**	HST3-1YE	THS-610Y10C	Yellow	-	1.9″ (48.26)	.235″ (5.97)	1000
553-50005	**553-50005**	HST3-1YE	THS-610Y	Yellow	-	1.9″ (48.26)	.235″ (5.97)	250
553-50007	**553-50007**	HST3-1YE-S	THS-610YP	Yellow	Single	.95″ (24.1)	.235″ (5.97)	500
553-50076	**553-50076**	HST3-1YE-S	THS-610YP10C	Yellow	Single	.95″ (24.1)	.235″ (5.97)	2000
553-50071	**553-50071**	HST3-1WH-2S	THS-610Y2P	Yellow	Double	.63″ (16.08)	.235″ (5.97)	750
553-50077	**553-50077**	HST3-1YE-2S	THS-610Y2P10C	Yellow	Double	.63″ (16.08)	.235″ (5.97)	3000
0.187″ (4.74 mm) - Outside Diameter								
553-50008	**553-50008**	HST4.8-16BK	THS-615BM	Black	-	1.9″ (48.26)	.312″ (7.92)	250
553-50009	**553-50009**	HST4.8-16WH	THS-615W	White	-	1.9″ (48.26)	.312″ (7.92)	250
553-50010	**553-50010**	HST4.8-16WH	THS-615W10C	White	-	1.9″ (48.26)	.312″ (7.92)	1000
553-50177	**553-50177**	HST4.8-1WH	THS-615W30C	White	-	1.9″ (48.26)	.312″ (7.92)	3000
553-50079	**553-50079**	HST4.8-1WH	THS-615W50C	White	-	1.9″ (48.26)	.312″ (7.92)	5000
553-50011	**553-50011**	HST4.8-16WH-S	THS-615WP	White	Single	.95″ (24.1)	.312″ (7.92)	500
553-50080	**553-50080**	HST4.8-1WH-2S	THS-615WP10C	White	Single	.95″ (24.1)	.312″ (7.92)	2000
553-50068	**553-50068**	HST4.8-1WH-2S	THS-615W2P	White	Double	.633″ (16.08)	.312″ (7.92)	750
553-50072	**553-50072**	HST4.8-1WH-2S	THS-615W2P10C	White	Double	.633″ (16.08)	.312″ (7.92)	3000
553-50064	**553-50064**	HST4.8-1WH-3S	THS-615W3P	White	Triple	.475″ (12.07)	.312″ (7.92)	1000
553-50081	**553-50081**	HST4.8-1WH-3S	THS-615W3P10C	White	Triple	.475″ (12.07)	.312″ (7.92)	4000
553-50013	**553-50013**	HST4.8-1.6YE	THS-615Y10C	Yellow	-	1.9″ (48.26)	.312″ (7.92)	1000
553-50012	**553-50012**	HST4.8-16YE	THS-615Y	Yellow	-	1.9″ (48.26)	.312″ (7.92)	250
553-50014	**553-50014**	HST4.8-1.6YE-S	THS-615WP	Yellow	Single	.95″ (24.1)	.312″ (7.92)	500
553-50069	**553-50069**	HST4.8-1YE-2S	THS-615Y2P	Yellow	Double	.633″ (16.08)	.312″ (7.92)	750
553-50073	**553-50073**	HST4.8-1YE-2S	THS-615Y2P10C	Yellow	Double	.633″ (16.08)	.312″ (7.92)	3000

Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

ShrinkTrak™ Heat Shrinkable Markers *continued*



Product Selection

Article No.	Part No.	Type	Cross Ref to Former Part No.	Color	Center Slit	Width (W) In. (mm.)	Height (H) In. (mm.)	Pkg. Qty.
0.25" (6.35mm) - Outside Diameter								
553-50015	**553-50015**	HST6-2BK	THS-620BM	Black	-	1.9" (48.26)	.420" (10.67)	250
553-50016	**553-50016**	HST6-2WH	THS-620W	White	-	1.9" (48.26)	.420" (10.67)	250
553-50017	**553-50017**	HST6-2WH	THS-620W10C	White	-	1.9" (48.26)	.420" (10.67)	1000
553-50018	**553-50018**	HST6-2WH	THS-620W50C	White	-	1.9" (48.26)	.420" (10.67)	5000
553-50019	**553-50019**	HST6-2WH-S	THS-620WP	White	Single	.95" (24.1)	.420" (10.67)	500
553-50084	**553-50084**	HST6-2WH-S	THS-620WP10C	White	Single	.95" (24.1)	.420" (10.67)	2000
553-50082	**553-50082**	HST6-2WH-2S	THS-620W2P	White	Double	.633" (16.08)	.420" (10.67)	750
553-50065	**553-50065**	HST6-2WH-3S	THS-620W3P	White	Triple	.475" (12.07)	.420" (10.67)	1000
553-50089	**553-50089**	HST6-2WH-3S	THS-620W3P10C	White	Triple	.475" (12.07)	.420" (10.67)	4000
553-50020	**553-50020**	HST6-2YE	THS-620Y	Yellow	-	1.9" (48.26)	.420" (10.67)	250
553-50021	**553-50021**	HST6-2YE	THS-620Y10C	Yellow	-	1.9" (48.26)	.420" (10.67)	1000
553-50022	**553-50022**	HST6-2YE-S	THS-620YP	Yellow	Single	.95" (24.1)	.420" (10.67)	500
553-50085	**553-50085**	HST6-2YE-S	THS-620YP10C	Yellow	Single	.95" (24.1)	.420" (10.67)	2000
553-50083	**553-50083**	HST6-2YE-2S	THS-620Y2P	Yellow	Double	.633" (16.08)	.420" (10.67)	750
0.375" (9.52 mm) - Outside Diameter								
553-50023	**553-50023**	HST9-3BK	THS-625BM	Black	-	1.9" (48.26)	.597" (15.16)	250
553-50024	**553-50024**	HST9-3WH	THS-625W	White	-	1.9" (48.26)	.597" (15.16)	250
553-50025	**553-50025**	HST9-3WH-S	THS-625WP	White	Single	.95" (24.1)	.597" (15.16)	500
553-50066	**553-50066**	HST9-3WH-3S	THS-625W3P	White	Triple	.475" (12.07)	.597" (15.16)	1000
553-50026	**553-50026**	HST9-3YE	THS-625Y	Yellow	-	1.9" (48.26)	.597" (15.16)	250
553-50027	**553-50027**	HST9-3YE-S	THS-625YP	Yellow	Single	.95" (24.1)	.597" (15.16)	500
0.50" (12.7 mm) - Outside Diameter								
553-50028	**553-50028**	HST12-4BK	THS-630BM	Black	-	1.9" (48.26)	.77" (19.55)	250
553-50029	**553-50029**	HST12-4WH	THS-630W	White	-	1.9" (48.26)	.77" (19.55)	250
553-50030	**553-50030**	HST12-4WH-S	THS-630WP	White	Single	.95" (24.1)	.77" (19.55)	500
553-50086	**553-50086**	HST12-4WH-3S	THS-630W3P	White	Triple	.475" (12.07)	.77" (19.55)	1000
553-50031	**553-50031**	HST12-4YE	THS-630Y	Yellow	-	1.9" (48.26)	.77" (19.55)	250
553-50032	**553-50032**	HST12-4YE-S	THS-630YP	Yellow	Single	.95" (24.1)	.77" (19.55)	500
553-50087	**553-50087**	HST12-4YE-3S	THS-630Y3P	Yellow	Triple	.475" (12.07)	.77" (19.55)	1000
0.75" (19.05 mm) - Outside Diameter								
553-50033	**553-50033**	HST18-6BK	THS-635BM	Black	-	1.9" (48.26)	1.2" (30.48)	250
553-50034	**553-50034**	HST18-6WH	THS-635W	White	-	1.9" (48.26)	1.2" (30.48)	250
553-50035	**553-50035**	HST-18-6WH-S	THS-635WP	White	Single	.95" (24.1)	1.2" (30.48)	500
553-50036	**553-50036**	HST-18-6YE	THS-635Y	Yellow	-	1.9" (48.26)	1.2" (30.48)	250
553-50037	**553-50037**	HST18-6YE-S	THS-635YP	Yellow	Single	.95" (24.1)	1.2" (30.48)	500
1.0" (25.4mm) - Outside Diameter								
553-50038	**553-50038**	HST24-8BK	THS-640BM	Black	-	1.9" (48.26)	1.69" (42.93)	250
553-50039	**553-50039**	HST24-8WH	THS-640W	White	-	1.9" (48.26)	1.69" (42.93)	250
553-50040	**553-50040**	HST24-8WH-S	THS-640WP	White	Single	.95" (24.1)	1.69" (42.93)	500
553-50041	**553-50041**	HST24-8YE	THS-640Y	Yellow	-	1.9" (48.26)	1.69" (42.93)	250
553-50042	**553-50042**	HST24-8YE-S	THS-640YP	Yellow	Single	.95" (24.1)	1.69" (42.93)	500

Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.