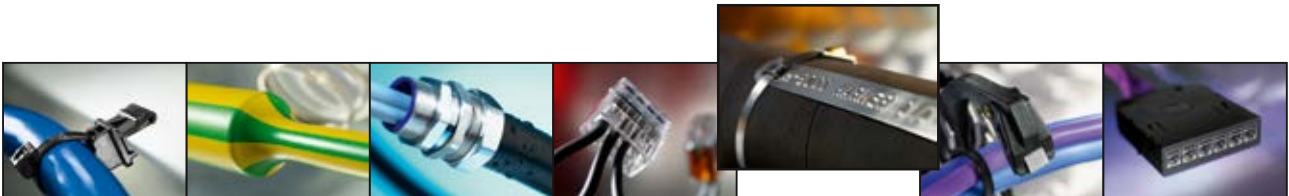




High Performance Print Systems
for professional identification

Perfect labelling solutions for demanding industrial applications



A complete package from one dependable
High Performance Print Systems for professional id





We understand just how important smooth and reliable labelling operations are in avoiding downtime and ensuring easy to use systems are available to you, so you can manage your identification needs.

All HellermannTyton products are tried and tested in real-life applications the world over. We ensure that your printing and identification needs are in good hands from the outset.

Professional service

Our network of branch offices and distribution partners around the globe ensures a consistently high level of service, high flexibility and the fast response and delivery times you expect.

Best-fit solutions

HellermannTyton High Performance Print Systems products offer you an ideal combination of quality, cost-effectiveness and service from one dependable source.





Aerospace

Temperature and durability

High performance products designed to withstand the extreme operating conditions of civil and defence aviation.

See page 6.



Rail

Safety and reliability

Technically advanced products with outstanding fire protection properties and a long service life geared to the needs of the rail industry.

See page 14.



Electronics

Quality and flexibility

Complete identification systems for optimised workflow and reliable availability of consumables in the electrical and electronics industry.

See page 26.



Software, Printers and Co.

Print systems

Specialised equipment for all professional printing and shrinking requirements.

See page 34.

Product solutions
The ri

A photograph of two race drivers in red and white racing suits and helmets, celebrating with their arms raised in a fist bump. They are standing on a racetrack with a blurred crowd in the background. The image is used as a background for a text overlay.

ns engineered to industrial specifications
ght mix of technical support, materials and design

Operational durability

Best quality for extreme conditions





Shrinkable markers "Ladder Style", thermal transfer

• THTT DS - 2:1 Aerospace High Temperature

THTT DS is a 2:1 high temperature, flame retardant, polyvinylidene fluoride (PVDFX) heatshrink printable marker system supplied in a ladder format. The material has been conditioned for printing on both thermal transfer and laser beam printers.

The printed marker is ideal for use in applications where high temperature and exposure to aggressive solutions are found. The markers are supplied pre-cut onto a convenient "ladder" system that allows printing on both sides of the marker. The user can easily choose and pick the required marker. Print with HellermannTyton's premium range of thermal transfer printers and ribbons or a laser beam marking device. A standard heat gun with reflector is used to shrink the sleeves onto the wire or cable to achieve a permanent mark.

Printers: TrakMark DS, TT4000+, and TT430

Ribbons: TTRHT

Accessories for TrakMark DS and TT4000+: Cutter (S4000)

Accessories for TT430: Cutter (S430)

Software: TagPrint Pro 3.0

Features and Benefits

- Shrink ratio 2:1 PVDFX high temperature marker
- Thermal transfer or laser beam printable
- 50 mm and 25 mm pre-cut marker options as standard, other lengths available on request
- Available in black and white
- Meets SAE AS-81531 and MIL-STD 202G Method 215 mark permanence tests
- Mark permanence tests of SAE AS-81531 4.6.2 and MIL-STD 202G Method 215; Laser beam YAG (unaffected), Thermal Transfer ribbon TTRHT (legible)
- Fulfils UL224 VW-1 and CSA requirements
- Good mechanical strength and highly flexible
- Delivery in convenient storage boxes
- Easy label design with TagPrint Pro 3.0



THTT DS.

MATERIAL	Polyvinylidene Fluoride cross-linked (PVDFX)
Operating Temperature	-55 °C to +225 °C
Minimum Shrink Temperature	+120 °C
Shrink Ratio	2:1
Recommended Ribbon Type	TTRHT
Specifications	MIL-STD-202G Method 215K, SAE-AS81531



For size matrix please refer to page 42, 43.

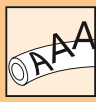


TYPE	Supplied Ø D min.	Recov. Ø d max.	Length (L)	Wall (WT)	Pack Cont.	Colour	Article-No.
THTT24DS-4x12BK	2.4	1.2	12.0	0.41	4,000 pcs.	Black (BK)	553-72039
THTT24DS-4x12WH	2.4	1.2	12.0	0.41	4,000 pcs.	White (WH)	553-72003
THTT24DS-3x16BK	2.4	1.2	16.0	0.41	3,000 pcs.	Black (BK)	553-72038
THTT24DS-3x16WH	2.4	1.2	16.0	0.41	3,000 pcs.	White (WH)	553-72002
THTT24DS-2x25BK	2.4	1.2	25.0	0.41	2,000 pcs.	Black (BK)	553-72037
THTT24DS-2x25WH	2.4	1.2	25.0	0.41	2,000 pcs.	White (WH)	553-72001

All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content.



Please note! Not all products listed on this page may have this approval.



Shrinkable markers "Ladder Style", thermal transfer

- THTT DS - 2:1 Aerospace High Temperature



TYPE	Supplied Ø D min.	Recov. Ø d max.	Length (L)	Wall (WT)	Pack Cont.	Colour	Article-No.
THTT24DS-1x50BK	2.4	1.2	50.0	0.41	1,000 pcs.	Black (BK)	553-72036
THTT24DS-1x50WH	2.4	1.2	50.0	0.41	1,000 pcs.	White (WH)	553-72000
THTT32DS-4x12BK	3.2	1.6	12.0	0.27	4,000 pcs.	Black (BK)	553-72043
THTT32DS-4x12WH	3.2	1.6	12.0	0.27	4,000 pcs.	White (WH)	553-72007
THTT32DS-3x16BK	3.2	1.6	16.0	0.27	3,000 pcs.	Black (BK)	553-72042
THTT32DS-3x16WH	3.2	1.6	16.0	0.27	3,000 pcs.	White (WH)	553-72006
THTT32DS-2x25BK	3.2	1.6	25.0	0.27	2,000 pcs.	Black (BK)	553-72041
THTT32DS-2x25WH	3.2	1.6	25.0	0.27	2,000 pcs.	White (WH)	553-72005
THTT32DS-1x50BK	3.2	1.6	50.0	0.27	1,000 pcs.	Black (BK)	553-72040
THTT32DS-1x50WH	3.2	1.6	50.0	0.27	1,000 pcs.	White (WH)	553-72004
THTT48DS-4x12BK	4.8	2.4	12.0	0.27	4,000 pcs.	Black (BK)	553-72047
THTT48DS-4x12WH	4.8	2.4	12.0	0.27	4,000 pcs.	White (WH)	553-72011
THTT48DS-3x16BK	4.8	2.4	16.0	0.27	3,000 pcs.	Black (BK)	553-72046
THTT48DS-3x16WH	4.8	2.4	16.0	0.27	3,000 pcs.	White (WH)	553-72010
THTT48DS-2x25BK	4.8	2.4	25.0	0.27	2,000 pcs.	Black (BK)	553-72045
THTT48DS-2x25WH	4.8	2.4	25.0	0.27	2,000 pcs.	White (WH)	553-72009
THTT48DS-1x50BK	4.8	2.4	50.0	0.27	1,000 pcs.	Black (BK)	553-72044
THTT48DS-1x50WH	4.8	2.4	50.0	0.27	1,000 pcs.	White (WH)	553-72008
THTT64DS-4x12BK	6.4	3.2	12.0	0.33	4,000 pcs.	Black (BK)	553-72051
THTT64DS-4x12WH	6.4	3.2	12.0	0.33	4,000 pcs.	White (WH)	553-72015
THTT64DS-3x16BK	6.4	3.2	16.0	0.33	3,000 pcs.	Black (BK)	553-72050
THTT64DS-3x16WH	6.4	3.2	16.0	0.33	3,000 pcs.	White (WH)	553-72014
THTT64DS-2x25BK	6.4	3.2	25.0	0.33	2,000 pcs.	Black (BK)	553-72049
THTT64DS-2x25WH	6.4	3.2	25.0	0.33	2,000 pcs.	White (WH)	553-72013
THTT64DS-1x50BK	6.4	3.2	50.0	0.33	1,000 pcs.	Black (BK)	553-72048
THTT64DS-1x50WH	6.4	3.2	50.0	0.33	1,000 pcs.	White (WH)	553-72012
THTT95DS-4x12BK	9.5	4.8	12.0	0.33	2,000 pcs.	Black (BK)	553-72055
THTT95DS-4x12WH	9.5	4.8	12.0	0.33	2,000 pcs.	White (WH)	553-72019
THTT95DS-3x16BK	9.5	4.8	16.0	0.33	1,500 pcs.	Black (BK)	553-72054
THTT95DS-3x16WH	9.5	4.8	16.0	0.33	1,500 pcs.	White (WH)	553-72018
THTT95DS-2x25BK	9.5	4.8	25.0	0.33	1,000 pcs.	Black (BK)	553-72053
THTT95DS-2x25WH	9.5	4.8	25.0	0.33	1,000 pcs.	White (WH)	553-72017
THTT95DS-1x50BK	9.5	4.8	50.0	0.33	500 pcs.	Black (BK)	553-72052
THTT95DS-1x50WH	9.5	4.8	50.0	0.33	500 pcs.	White (WH)	553-72016
THTT127DS-4x12BK	12.7	6.4	12.0	0.33	2,000 pcs.	Black (BK)	553-72059
THTT127DS-4x12WH	12.7	6.4	12.0	0.33	2,000 pcs.	White (WH)	553-72023
THTT127DS-3x16BK	12.7	6.4	16.0	0.33	1,500 pcs.	Black (BK)	553-72058

All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content.



Please note! Not all products listed on this page may have this approval.



Shrinkable markers "Ladder Style", thermal transfer

- THTT DS - 2:1 Aerospace High Temperature

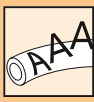


TYPE	Supplied Ø D min.	Recov. Ø d max.	Length (L)	Wall (WT)	Pack Cont.	Colour	Article-No.
THTT127DS-3x16WH	12.7	6.4	16.0	0.33	1,500 pcs.	White (WH)	553-72022
THTT127DS-2x25BK	12.7	6.4	25.0	0.33	1,000 pcs.	Black (BK)	553-72057
THTT127DS-2x25WH	12.7	6.4	25.0	0.33	1,000 pcs.	White (WH)	553-72021
THTT127DS-1x50BK	12.7	6.4	50.0	0.33	500 pcs.	Black (BK)	553-72056
THTT127DS-1x50WH	12.7	6.4	50.0	0.33	500 pcs.	White (WH)	553-72020
THTT190DS-4x12BK	19.1	9.5	12.0	0.43	2,000 pcs.	Black (BK)	553-72063
THTT190DS-4x12WH	19.1	9.5	12.0	0.43	2,000 pcs.	White (WH)	553-72027
THTT190DS-3x16BK	19.1	9.5	16.0	0.43	1,500 pcs.	Black (BK)	553-72062
THTT190DS-3x16WH	19.1	9.5	16.0	0.43	1,500 pcs.	White (WH)	553-72026
THTT190DS-2x25BK	19.1	9.5	25.0	0.43	1,000 pcs.	Black (BK)	553-72061
THTT190DS-2x25WH	19.1	9.5	25.0	0.43	1,000 pcs.	White (WH)	553-72025
THTT190DS-1x50BK	19.1	9.5	50.0	0.43	500 pcs.	Black (BK)	553-72060
THTT190DS-1x50WH	19.1	9.5	50.0	0.43	500 pcs.	White (WH)	553-72024
THTT254DS-4x12BK	25.4	12.7	12.0	0.48	1,200 pcs.	Black (BK)	553-72067
THTT254DS-4x12WH	25.4	12.7	12.0	0.48	1,200 pcs.	White (WH)	553-72031
THTT254DS-3x16BK	25.4	12.7	16.0	0.48	900 pcs.	Black (BK)	553-72066
THTT254DS-3x16WH	25.4	12.7	16.0	0.48	900 pcs.	White (WH)	553-72030
THTT254DS-2x25BK	25.4	12.7	25.0	0.48	600 pcs.	Black (BK)	553-72065
THTT254DS-2x25WH	25.4	12.7	25.0	0.48	600 pcs.	White (WH)	553-72029
THTT254DS-1x50BK	25.4	12.7	50.0	0.48	300 pcs.	Black (BK)	553-72064
THTT254DS-1x50WH	25.4	12.7	50.0	0.48	300 pcs.	White (WH)	553-72028
THTT381DS-4x12BK	38.1	19.1	12.0	0.50	400 pcs.	Black (BK)	553-72071
THTT381DS-4x12WH	38.1	19.1	12.0	0.50	400 pcs.	White (WH)	553-72035
THTT381DS-3x16BK	38.1	19.1	16.0	0.50	300 pcs.	Black (BK)	553-72070
THTT381DS-3x16WH	38.1	19.1	16.0	0.50	300 pcs.	White (WH)	553-72034
THTT381DS-2x25BK	38.1	19.1	25.0	0.50	200 pcs.	Black (BK)	553-72069
THTT381DS-2x25WH	38.1	19.1	25.0	0.50	200 pcs.	White (WH)	553-72033
THTT381DS-1x50BK	38.1	19.1	50.0	0.50	100 pcs.	Black (BK)	553-72068
THTT381DS-1x50WH	38.1	19.1	50.0	0.50	100 pcs.	White (WH)	553-72032

All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content.



Please note! Not all products listed on this page may have this approval.



Shrinkable markers "Continuous Tube", thermal transfer

- THTT - 2:1 Aerospace High Temperature

THTT is a 2:1 high temperature, flame retardant, polyvinylidene fluoride (PVDFX) continuous tube supplied on convenient reels that allows printing on both sides if required. The material has been conditioned for printing on both thermal transfer and laser beam printers. The printed marker is ideal for use in applications where high temperature and exposure to aggressive solutions are found. Print with HellermannTyton's premium range of thermal transfer printers and ribbons or a laser beam marking device. A standard heat gun with reflector is used to shrink the sleeves onto the wire or cable to achieve a permanent mark.

Printers: TrakMark DS, TT4000+ and TT430

Ribbons: TTRHT

Accessories for TrakMark DS and TT4000+: Perforator (P4000), Cutter (S4000)

Accessories for TT430: Cutter (S430), Perforator (P430)

Software: TagPrint Pro 3.0

Features and Benefits

- Shrink ratio 2:1 PVDFX high temperature tube
- Thermal transfer or laser beam printable
- Available in black and white
- Meets SAE AS-81531 and MIL-STD 202G Method 215 mark permanence tests
- Mark permanence tests of SAE AS-81531 4.6.2 and MIL-STD 202G Method 215; Laser beam YAG (unaffected), Thermal Transfer ribbon TTRHT (legible)
- Fulfils UL224 VW-1 and CSA requirements
- Good mechanical strength and highly flexible
- Delivery in convenient storage boxes
- Easy label design with TagPrint Pro 3.0



THTT.

MATERIAL	Polyvinylidene Fluoride cross-linked (PVDFX)
Operating Temperature	-55 °C to +225 °C
Minimum Shrink Temperature	+120 °C
Shrink Ratio	2:1
Recommended Ribbon Type	TTRHT
Specifications	MIL-STD-202G Method 215K, SAE-AS81531



For size matrix please refer to page 42, 43.

TYPE	Supplied Ø D min.	Recov. Ø d max.	Wall (WT)	Pack Cont.	Colour	Article-No.
THTT24BK	2.4	1.2	0.41	110 m	Black (BK)	551-41009
THTT24WH	2.4	1.2	0.41	110 m	White (WH)	551-41000
THTT32BK	3.2	1.6	0.27	110 m	Black (BK)	551-41010
THTT32WH	3.2	1.6	0.27	110 m	White (WH)	551-41001
THTT48BK	4.8	2.4	0.27	110 m	Black (BK)	551-41011
THTT48WH	4.8	2.4	0.27	110 m	White (WH)	551-41002
THTT64BK	6.4	3.2	0.33	110 m	Black (BK)	551-41012
THTT64WH	6.4	3.2	0.33	110 m	White (WH)	551-41003
THTT95BK	9.5	4.8	0.33	72 m	Black (BK)	551-41013
THTT95WH	9.5	4.8	0.33	72 m	White (WH)	551-41004

All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content.



Please note! Not all products listed on this page may have this approval.



Shrinkable markers "Continuous Tube", thermal transfer

- THTT - 2:1 Aerospace High Temperature

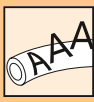


TYPE	Supplied Ø D min.	Recov. Ø d max.	Wall (WT)	Pack Cont.	Colour	Article-No.
THTT127BK	12.7	6.4	0.33	54 m	Black (BK)	551-41014
THTT127WH	12.7	6.4	0.33	54 m	White (WH)	551-41005
THTT190BK	19.0	9.5	0.43	26 m	Black (BK)	551-41015
THTT190WH	19.0	9.5	0.43	26 m	White (WH)	551-41006
THTT254BK	25.4	12.7	0.48	26 m	Black (BK)	551-41016
THTT254WH	25.4	12.7	0.48	26 m	White (WH)	551-41007
THTT381BK	38.1	19.1	0.50	10 m	Black (BK)	551-41017
THTT381WH	38.1	19.1	0.50	10 m	White (WH)	551-41008

All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content.



Please note! Not all products listed on this page may have this approval.



Identification tags for cable bundle "Ladder Style", thermal transfer

- TAGHT - High Temperature Tiptags "Ladder Style"

TAGHT is a high temperature, flame retardant, cross linked polyvinylidene fluoride (PVDFX) Tiptag used to identify cables and wire harnesses. The labels are applied to cables and harness assemblies with cable ties, and are also suitable for retrofit purposes. The material has been conditioned for printing on both thermal transfer and laser beam printers. The Tiptags are supplied on a continuous material roll. Simply print and press out the required Tiptag and apply with cable ties.

Print with HellermannTyton's premium range of thermal printers and ribbons or a laser beam marking device.

Printers: TT4000+ and TT430

Ribbons: TTRHT

Accessories for TT4000+: Cutter (S4000)

Accessories for TT430: Cutter (S430)

Software: TagPrint Pro 3.0

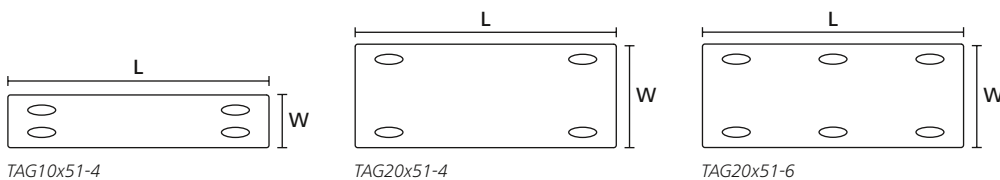
Features and Benefits

- TAGHT is a high temperature Tiptag
- Thermal transfer or laser beam printable
- Available in white
- Meets SAE AS-81531 and MIL-STD 202G Method 215 mark permanence tests
- Mark permanence tests of SAE AS-81531 4.6.2 and MIL-STD 202G Method 215; Laser beam YAG (unaffected), thermal transfer ribbon TTRHT (legible)
- Fulfills UL224 VW-1 and CSA requirements
- Good mechanical strength and highly flexible
- Delivery in convenient storage boxes
- Easy label design with TagPrint Pro 3.0



TAGHT.

MATERIAL	Polyvinylidene Fluoride cross-linked (PVDFX)
Operating Temperature	-55 °C to +225 °C
Flammability	UL224 VW-1
Recommended Ribbon Type	TTRHT
Specifications	MIL-STD-202G Method 215K, SAE-AS81531



TYPE	Length (L)	Width (W)	Pack Cont.	Colour	Article-No.
TAGHT10X51-4WH	51.0	10.0	2,000 pcs.	White (WH)	556-80000
TAGHT20X51-4WH	51.0	20.0	1,000 pcs.	White (WH)	556-80004
TAGHT20X51-6WH	51.0	20.0	1,000 pcs.	White (WH)	556-80002

All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content.



Please note! Not all products listed on this page may have this approval.



Thermal transfer ribbons for high temperature heatshrink and TipTags

- **TTRHT: specially formulated ribbon for THTT, THTT DS, TAGHT**

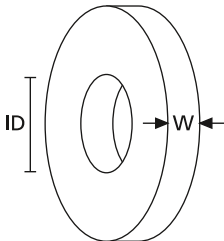
The thermal transfer print technology is based on heating up certain dots in the print head. This transfers the ink very precisely from the ribbon onto the surface of the printed material.

Features and Benefits

- Specially formulated ink for use on specialist high temperature materials
- Excellent print resistance and print clarity
- Withstands temperatures up to 225 °C
- Two available widths 70 mm and 100 mm



Ribbons for printing on Tubing and TipTags.



ID: The standard inside core diameter is 25.4 mm.

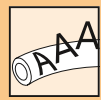
TYPE	Recommended Material	Colour	Width (W)	Length (L)	Article-No.
TTRHTBK 70MM	THTT/THTT DS/TAGHT	Black (BK)	70.0	300.0 m	556-00204
TTRHTBK 100mm	THTT/THTT DS/TAGHT	Black (BK)	100.0	300.0 m	556-00210
TTRHTWH 70mm	THTT/THTT DS/TAGHT	White (WH)	70.0	300.0 m	556-00209
TTRHTWH 100mm	THTT/THTT DS/TAGHT	White (WH)	100.0	300.0 m	556-00211

All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content.

In-built fire protection

Integrated passenger safety





Shrinkable markers "Ladder Style", thermal transfer

• TLFX DS - 2:1 Rail LFH

TLFX DS is a rail approved 2:1 heatshrink material pre-cut and formatted onto a convenient "ladder" system that allows printing on both sides of the marker. The user can easily choose and pick the required marker. Print with HellermannTyton's premium range of thermal printers and ribbons.

Printers: TrakMark DS, TT4000+ and TT430

Ribbons: TTDTHOUT

Accessories for TrakMark DS and TT4000+: Cutter (S4000)

Accessories for TT430: Cutter (S430)

Software: TagPrint Pro 3.0



TLFX DS.

Features and Benefits

- Shrink ratio 2:1
- 50 mm, 25 mm and 16 mm pre-cut marker options as standard, other lengths available on request
- Available in yellow, white on request
- Cable range 38.1 mm to 1.2 mm
- Halogen Free
- Low smoke propagation, density and toxicity
- High Oxygen Index value (35.4%)
- Meets EN45545-2 (HL3, HL2, HL1)
- Delivery in convenient storage boxes
- Easy label design with TagPrint Pro 3.0

MATERIAL	Polyolefin, cross-linked (PO-X)
Operating Temperature	-55 °C to +105 °C
Minimum Shrink Temperature	+100 °C
Shrink Ratio	2:1
Recommended Ribbon Type	TTDTHOUT
Specifications	ASTM E 662, BS-6853:1999, BS-EN ISO 4589-2, DIN 53438-3: 1984, DIN 5510-2, EN45545-2: 2013 (R22 & R23, HL1, HL2, HL3), EN ISO 11925-2: 2010, NF F 16-101, NF X 70-100-1: 2006, NF X 70-100-2: 2006, UNI CEI 11170-3

For size matrix please refer to page 42, 43.



One Step to the Web!

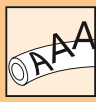


TYPE	Supplied Ø D min.	Recov. Ø d max.	Length (L)	Wall (WT)	Pack Cont.	Colour	Article-No.
TLFX24DS-3x16WH	2.4	1.2	16.0	0.57	15,000 pcs.	White (WH)	553-60038
TLFX24DS-3x16YE	2.4	1.2	16.0	0.57	15,000 pcs.	Yellow (YE)	553-60039
TLFX24DS-2x25WH	2.4	1.2	25.0	0.57	10,000 pcs.	White (WH)	553-60020
TLFX24DS-2x25YE	2.4	1.2	25.0	0.57	10,000 pcs.	Yellow (YE)	553-60029
TLFX24DS-1x50WH	2.4	1.2	50.0	0.57	5,000 pcs.	White (WH)	553-60000
TLFX24DS-1x50YE	2.4	1.2	50.0	0.57	5,000 pcs.	Yellow (YE)	553-60010
TLFX32DS-3x16WH	3.2	1.6	16.0	0.58	15,000 pcs.	White (WH)	553-60040
TLFX32DS-3x16YE	3.2	1.6	16.0	0.58	15,000 pcs.	Yellow (YE)	553-60041
TLFX32DS-2x25WH	3.2	1.6	25.0	0.58	10,000 pcs.	White (WH)	553-60021
TLFX32DS-2x25YE	3.2	1.6	25.0	0.58	10,000 pcs.	Yellow (YE)	553-60030
TLFX32DS-1x50WH	3.2	1.6	50.0	0.58	5,000 pcs.	White (WH)	553-60001
TLFX32DS-1x50YE	3.2	1.6	50.0	0.58	5,000 pcs.	Yellow (YE)	553-60011

All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content.



Please note! Not all products listed on this page may have this approval.



Shrinkable markers "Ladder Style", thermal transfer

- TLFX DS - 2:1 Rail LFH



TYPE	Supplied Ø D min.	Recov. Ø d max.	Length (L)	Wall (WT)	Pack Cont.	Colour	Article-No.
TLFX48DS-3x16WH	4.8	2.4	16.0	0.61	15,000 pcs.	White (WH)	553-60042
TLFX48DS-3x16YE	4.8	2.4	16.0	0.61	15,000 pcs.	Yellow (YE)	553-60043
TLFX48DS-2x25WH	4.8	2.4	25.0	0.61	10,000 pcs.	White (WH)	553-60022
TLFX48DS-2x25YE	4.8	2.4	25.0	0.61	10,000 pcs.	Yellow (YE)	553-60031
TLFX48DS-1x50WH	4.8	2.4	50.0	0.61	5,000 pcs.	White (WH)	553-60002
TLFX48DS-1x50YE	4.8	2.4	50.0	0.61	5,000 pcs.	Yellow (YE)	553-60012
TLFX64DS-3x16WH	6.4	3.2	16.0	0.61	9,000 pcs.	White (WH)	553-60044
TLFX64DS-3x16YE	6.4	3.2	16.0	0.61	9,000 pcs.	Yellow (YE)	553-60045
TLFX64DS-2x25WH	6.4	3.2	25.0	0.61	6,000 pcs.	White (WH)	553-60023
TLFX64DS-2x25YE	6.4	3.2	25.0	0.61	6,000 pcs.	Yellow (YE)	553-60032
TLFX64DS-1x50WH	6.4	3.2	50.0	0.61	3,000 pcs.	White (WH)	553-60003
TLFX64DS-1x50YE	6.4	3.2	50.0	0.61	3,000 pcs.	Yellow (YE)	553-60013
TLFX95DS-3x16WH	9.5	4.8	16.0	0.66	7,500 pcs.	White (WH)	553-60046
TLFX95DS-3x16YE	9.5	4.8	16.0	0.66	7,500 pcs.	Yellow (YE)	553-60047
TLFX95DS-2x25WH	9.5	4.8	25.0	0.66	5,000 pcs.	White (WH)	553-60024
TLFX95DS-2x25YE	9.5	4.8	25.0	0.66	5,000 pcs.	Yellow (YE)	553-60033
TLFX95DS-1x50WH	9.5	4.8	50.0	0.66	2,500 pcs.	White (WH)	553-60004
TLFX95DS-1x50YE	9.5	4.8	50.0	0.66	2,500 pcs.	Yellow (YE)	553-60014
TLFX127DS-3x16WH	12.7	6.4	16.0	0.68	4,500 pcs.	White (WH)	553-60048
TLFX127DS-3x16YE	12.7	6.4	16.0	0.68	4,500 pcs.	Yellow (YE)	553-60049
TLFX127DS-2x25WH	12.7	6.4	25.0	0.68	3,000 pcs.	White (WH)	553-60025
TLFX127DS-2x25YE	12.7	6.4	25.0	0.68	3,000 pcs.	Yellow (YE)	553-60034
TLFX127DS-1x50WH	12.7	6.4	50.0	0.68	1,500 pcs.	White (WH)	553-60005
TLFX127DS-1x50YE	12.7	6.4	50.0	0.68	1,500 pcs.	Yellow (YE)	553-60015
TLFX190DS-3x16WH	19.0	9.5	16.0	0.69	4,500 pcs.	White (WH)	553-60050
TLFX190DS-3x16YE	19.0	9.5	16.0	0.69	4,500 pcs.	Yellow (YE)	553-60051
TLFX190DS-2x25WH	19.0	9.5	25.0	0.69	3,000 pcs.	White (WH)	553-60026
TLFX190DS-2x25YE	19.0	9.5	25.0	0.69	3,000 pcs.	Yellow (YE)	553-60035
TLFX190DS-1x50WH	19.0	9.5	50.0	0.69	1,500 pcs.	White (WH)	553-60006
TLFX190DS-1x50YE	19.0	9.5	50.0	0.69	1,500 pcs.	Yellow (YE)	553-60016
TLFX254DS-3x16WH	25.4	12.7	16.0	0.69	3,000 pcs.	White (WH)	553-60052
TLFX254DS-3x16YE	25.4	12.7	16.0	0.69	3,000 pcs.	Yellow (YE)	553-60053
TLFX254DS-2x25WH	25.4	12.7	25.0	0.69	2,000 pcs.	White (WH)	553-60027

All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content.



Please note! Not all products listed on this page may have this approval.



Shrinkable markers "Ladder Style", thermal transfer

- TLFX DS - 2:1 Rail LFH

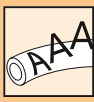


TYPE	Supplied Ø D min.	Recov. Ø d max.	Length (L)	Wall (WT)	Pack Cont.	Colour	Article-No.
TLFX254DS-2x25YE	25.4	12.7	25.0	0.69	2,000 pcs.	Yellow (YE)	553-60036
TLFX254DS-1x50WH	25.4	12.7	50.0	0.69	1,000 pcs.	White (WH)	553-60007
TLFX254DS-1x50YE	25.4	12.7	50.0	0.69	1,000 pcs.	Yellow (YE)	553-60017
TLFX381DS-3x16WH	38.1	19.0	16.0	0.70	1,500 pcs.	White (WH)	553-60054
TLFX381DS-3x16YE	38.1	19.0	16.0	0.70	1,500 pcs.	Yellow (YE)	553-60055
TLFX381DS-2x25WH	38.1	19.0	25.0	0.70	1,000 pcs.	White (WH)	553-60028
TLFX381DS-2x25YE	38.1	19.0	25.0	0.70	1,000 pcs.	Yellow (YE)	553-60037
TLFX381DS-1x50WH	38.1	19.0	50.0	0.70	500 pcs.	White (WH)	553-60008
TLFX381DS-1x50YE	38.1	19.0	50.0	0.70	500 pcs.	Yellow (YE)	553-60018

All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content.



Please note! Not all products listed on this page may have this approval.



Shrinkable markers "Ladder Style", thermal transfer

• TDRT DS - 3:1 Rail Diesel Resistant

TDRT DS printed with either a TTDTHOUT or TTRHT ribbon is an NF F 00-608 (12/1995) certified diesel resistant 3:1 heatshrink material pre-cut and formatted onto a convenient "ladder" system that allows printing on both sides of the marker. The user can easily choose and pick the required marker. The material is also especially formulated to be printable with laser beam printers and is also certified to NF F 00-608 (12/1995). Print with HellermannTyton's premium range of thermal printers and ribbons.

Printers: TrakMark DS, TT4000+ and TT430

Ribbon: TTDTHOUT, TTRHT

Software: TagPrint Pro 3.0



TDRT DS.

Features and Benefits

- Shrink ratio 3:1 for sizes 2.4, 3.2, 4.8, 6.4, and 9.5
- Shrink ratio 2:1 for larger sizes (Industry standard)
- 50 mm and 25 mm lengths are standard, other lengths available on request
- Available in yellow as standard and white on request
- Certified to NF F 00-608 (12/1995) using TTDTHOUT and TTRHT ribbon and laser beam equipment
- Delivery in convenient storage boxes
- Easy label design with TagPrint Pro 3.0

MATERIAL	Polyolefin, cross-linked (PO-X)
Operating Temperature	-55 °C to +135 °C
Minimum Shrink Temperature	+120 °C
Shrink Ratio	3:1
Recommended Ribbon Type	TTDTHOUT, TTRHT
Specifications	NF F 00-608 (12/1995)



For size matrix please refer to page 42, 43.

RoHS ✓

LFH ✓

TYPE	Supplied Ø D min.	Recov. Ø d max.	Length (L)	Wall (WT)	Pack Cont.	Colour	Article-No.
TDRT2.4DS-3x16WH	2.4	0.8	16.0	0.50	15,000 pcs.	White (WH)	553-70040
TDRT2.4DS-3x16YE	2.4	0.8	16.0	0.50	15,000 pcs.	Yellow (YE)	553-70041
TDRT2.4DS-2x25WH	2.4	0.8	25.0	0.50	10,000 pcs.	White (WH)	553-70002
TDRT2.4DS-2x25YE	2.4	0.8	25.0	0.50	10,000 pcs.	Yellow (YE)	553-70003
TDRT2.4DS-1x50WH	2.4	0.8	50.0	0.50	5,000 pcs.	White (WH)	553-70000
TDRT2.4DS-1x50YE	2.4	0.8	50.0	0.50	5,000 pcs.	Yellow (YE)	553-70001
TDRT3.2DS-3x16WH	3.2	1.1	16.0	0.50	15,000 pcs.	White (WH)	553-70042
TDRT3.2DS-3x16YE	3.2	1.1	16.0	0.50	15,000 pcs.	Yellow (YE)	553-70043
TDRT3.2DS-2x25WH	3.2	1.1	25.0	0.50	10,000 pcs.	White (WH)	553-70006
TDRT3.2DS-2x25YE	3.2	1.1	25.0	0.50	10,000 pcs.	Yellow (YE)	553-70007
TDRT3.2DS-1x50WH	3.2	1.1	50.0	0.50	5,000 pcs.	White (WH)	553-70004
TDRT3.2DS-1x50YE	3.2	1.1	50.0	0.50	5,000 pcs.	Yellow (YE)	553-70005
TDRT4.8DS-3x16WH	4.8	1.6	16.0	0.55	15,000 pcs.	White (WH)	553-70044
TDRT4.8DS-3x16YE	4.8	1.6	16.0	0.55	15,000 pcs.	Yellow (YE)	553-70045
TDRT4.8DS-2x25WH	4.8	1.6	25.0	0.55	10,000 pcs.	White (WH)	553-70010
TDRT4.8DS-2x25YE	4.8	1.6	25.0	0.55	10,000 pcs.	Yellow (YE)	553-70011
TDRT4.8DS-1x50WH	4.8	1.6	50.0	0.55	5,000 pcs.	White (WH)	553-70008
TDRT4.8DS-1x50YE	4.8	1.6	50.0	0.55	5,000 pcs.	Yellow (YE)	553-70009
TDRT6.4DS-3x16WH	6.4	2.1	16.0	0.55	9,000 pcs.	White (WH)	553-70046
TDRT6.4DS-3x16YE	6.4	2.1	16.0	0.55	9,000 pcs.	Yellow (YE)	553-70047

All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content.



Please note! Not all products listed on this page may have this approval.



Shrinkable markers "Ladder Style", thermal transfer

- TDRT DS - 3:1 Rail Diesel Resistant

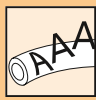


TYPE	Supplied Ø D min.	Recov. Ø d max.	Length (L)	Wall (WT)	Pack Cont.	Colour	Article-No.
TDRT6.4DS-2x25WH	6.4	2.1	25.0	0.55	6,000 pcs.	White (WH)	553-70014
TDRT6.4DS-2x25YE	6.4	2.1	25.0	0.55	6,000 pcs.	Yellow (YE)	553-70015
TDRT6.4DS-1x50WH	6.4	2.1	50.0	0.55	3,000 pcs.	White (WH)	553-70012
TDRT6.4DS-1x50YE	6.4	2.1	50.0	0.55	3,000 pcs.	Yellow (YE)	553-70013
TDRT9.5DS-3x16WH	9.5	3.2	16.0	0.60	7,500 pcs.	White (WH)	553-70048
TDRT9.5DS-3x16YE	9.5	3.2	16.0	0.60	7,500 pcs.	Yellow (YE)	553-70049
TDRT9.5DS-2x25WH	9.5	3.2	25.0	0.60	5,000 pcs.	White (WH)	553-70018
TDRT9.5DS-2x25YE	9.5	3.2	25.0	0.60	5,000 pcs.	Yellow (YE)	553-70019
TDRT9.5DS-1x50WH	9.5	3.2	50.0	0.60	2,500 pcs.	White (WH)	553-70016
TDRT9.5DS-1x50YE	9.5	3.2	50.0	0.60	2,500 pcs.	Yellow (YE)	553-70017
TDRT12DS-3x16WH	12.7	6.4	16.0	0.40	4,500 pcs.	White (WH)	553-70050
TDRT12DS-3x16YE	12.7	6.4	16.0	0.40	4,500 pcs.	Yellow (YE)	553-70051
TDRT12DS-2x25WH	12.7	6.4	25.0	0.40	3,000 pcs.	White (WH)	553-70022
TDRT12DS-2x25YE	12.7	6.4	25.0	0.40	3,000 pcs.	Yellow (YE)	553-70023
TDRT12DS-1x50WH	12.7	6.4	50.0	0.40	1,500 pcs.	White (WH)	553-70020
TDRT12DS-1x50YE	12.7	6.4	50.0	0.40	1,500 pcs.	Yellow (YE)	553-70021
TDRT16DS-3x16WH	19.1	9.5	16.0	0.46	4,500 pcs.	White (WH)	553-70052
TDRT16DS-3x16YE	19.1	9.5	16.0	0.46	4,500 pcs.	Yellow (YE)	553-70053
TDRT18DS-2x25WH	19.1	9.5	25.0	0.46	3,000 pcs.	White (WH)	553-70026
TDRT18DS-2x25YE	19.1	9.5	25.0	0.46	3,000 pcs.	Yellow (YE)	553-70027
TDRT18DS-1x50WH	19.1	9.5	50.0	0.46	1,500 pcs.	White (WH)	553-70024
TDRT18DS-1x50YE	19.1	9.5	50.0	0.46	1,500 pcs.	Yellow (YE)	553-70025
TDRT25DS-3x16WH	25.4	12.7	16.0	0.50	3,000 pcs.	White (WH)	553-70054
TDRT25DS-3x16YE	25.4	12.7	16.0	0.50	3,000 pcs.	Yellow (YE)	553-70055
TDRT25DS-2x25WH	25.4	12.7	25.0	0.50	2,000 pcs.	White (WH)	553-70030
TDRT25DS-2x25YE	25.4	12.7	25.0	0.50	2,000 pcs.	Yellow (YE)	553-70031
TDRT25DS-1x50WH	25.4	12.7	50.0	0.50	1,000 pcs.	White (WH)	553-70028
TDRT25DS-1x50YE	25.4	12.7	50.0	0.50	1,000 pcs.	Yellow (YE)	553-70029
TDRT38DS-3x16WH	38.1	19.1	16.0	0.65	1,500 pcs.	White (WH)	553-70056
TDRT38DS-3x16YE	38.1	19.1	16.0	0.65	1,500 pcs.	Yellow (YE)	553-70057
TDRT38DS-2x25WH	38.1	19.1	25.0	0.65	1,000 pcs.	White (WH)	553-70034
TDRT38DS-2x25YE	38.1	19.1	25.0	0.65	1,000 pcs.	Yellow (YE)	553-70035
TDRT38DS-1x50WH	38.1	19.1	50.0	0.65	500 pcs.	White (WH)	553-70032
TDRT38DS-1x50YE	38.1	19.1	50.0	0.65	500 pcs.	Yellow (YE)	553-70033
TDRT51DS-3x16WH	50.8	25.4	16.0	0.65	1,500 pcs.	White (WH)	553-70058
TDRT51DS-3x16YE	50.8	25.4	16.0	0.65	1,500 pcs.	Yellow (YE)	553-70059
TDRT51DS-2x25WH	50.8	25.4	25.0	0.65	1,000 pcs.	White (WH)	553-70038
TDRT51DS-2x25YE	50.8	25.4	25.0	0.65	1,000 pcs.	Yellow (YE)	553-70039
TDRT51DS-1x50WH	50.8	25.4	50.0	0.65	500 pcs.	White (WH)	553-70036
TDRT51DS-1x50YE	50.8	25.4	50.0	0.65	500 pcs.	Yellow (YE)	553-70037

All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content.



Please note! Not all products listed on this page may have this approval.



Shrinkable markers "Continuous Tube", thermal transfer

- TLFX - 2:1 Rail LFH

TLFX is a rail approved 2:1 heatshrink material supplied as a continuous tube and printable on both sides. The supplied accessories allow users to either perforate the tubing at pre-determined lengths (P4000), or fully sever the markers (S4000) whilst printing with the TrakMark DS or TT4000+ printer. Print with HellermannTyton's premium range of thermal printers and ribbons.

Printers: TrakMark DS, TT4000+ and TT430

Ribbons: TTDTHOUT, TTRC+

Accessories for TrakMark DS and TT4000+: Perforator (P4000), Cutter (S4000)

Accessories for TT430: Cutter (S430), Perforator (P430)

Software: TagPrint Pro 3.0

Features and Benefits

- Shrink ratio 2:1
- Available in yellow, white on request
- Cable range 50.8 mm to 1.2 mm
- Halogen Free
- Low smoke propagation, density and toxicity
- High Oxygen Index value (38 %)
- Meets EN45545-2 (HL3, HL2, HL1)
- Delivery in convenient storage boxes
- Easy label design with TagPrint Pro 3.0



TLFX.

MATERIAL	Polyolefin, cross-linked (PO-X)
Operating Temperature	-55 °C to +105 °C
Minimum Shrink Temperature	+100 °C
Shrink Ratio	2:1
Recommended Ribbon Type	TTDTHOUT, TTRC+
Specifications	BS-6853:1999, BS-EN ISO 4589-2, DIN 53438-3: 1984, DIN 5510-2, EN45545-2: 2013 (R22 & R23, HL1, HL2, HL3), EN ISO 11925-2: 2002, NF F 16-101, NF X 70-100-1: 2006, NF X 70-100-2: 2006, UNI CEI 11170-3



For size matrix please refer to page 42, 43.



TYPE	Supplied Ø D min.	Recov. Ø d max.	Wall (WT)	Pack Cont.	Colour	Article-No.
TLFX24WH	2.4	1.2	0.57	144 m	White (WH)	554-51000
TLFX24YE	2.4	1.2	0.57	144 m	Yellow (YE)	554-51001
TLFX32WH	3.2	1.6	0.58	126 m	White (WH)	554-51100
TLFX32YE	3.2	1.6	0.58	126 m	Yellow (YE)	554-51101
TLFX48WH	4.8	2.4	0.61	108 m	White (WH)	554-51200
TLFX48YE	4.8	2.4	0.61	108 m	Yellow (YE)	554-51201
TLFX64WH	6.4	3.2	0.61	90 m	White (WH)	554-51300
TLFX64YE	6.4	3.2	0.61	90 m	Yellow (YE)	554-51301
TLFX95WH	9.5	4.8	0.66	72 m	White (WH)	554-51400
TLFX95YE	9.5	4.8	0.66	72 m	Yellow (YE)	554-51401
TLFX127WH	12.7	6.4	0.68	54 m	White (WH)	554-51500
TLFX127YE	12.7	6.4	0.68	54 m	Yellow (YE)	554-51501
TLFX190WH	19.0	9.5	0.69	30 m	White (WH)	554-51600
TLFX190YE	19.0	9.5	0.69	30 m	Yellow (YE)	554-51601
TLFX254WH	25.4	12.7	0.69	30 m	White (WH)	554-51700
TLFX254YE	25.4	12.7	0.69	30 m	Yellow (YE)	554-51701
TLFX381WH	38.1	19.0	0.70	13 m	White (WH)	554-51800
TLFX381YE	38.1	19.0	0.70	13 m	Yellow (YE)	554-51801
TLFX508WH	50.8	25.4	0.73	10 m	White (WH)	554-50900
TLFX508YE	50.8	25.4	0.73	10 m	Yellow (YE)	554-50901

All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content.



Please note! Not all products listed on this page may have this approval.



Shrinkable markers "Continuous Tube", thermal transfer

- TDRT - 3:1 Rail Diesel Resistant

TDRT printed with either a TTDTHOUT or TTRHT ribbon is an NF F 00-608 (12/1995) certified diesel resistant 3:1 heatshrink material supplied in convenient reels. The material is also especially formulated to be printable with laser beam printers and is also certified to NF F 00-608 (12/1995). Print with HellermannTyton's premium range of thermal printers and ribbons.

Printers: TrakMark DS, TT4000+ and TT430

Ribbon: TTDTHOUT, TTRHT

Software: TagPrint Pro 3.0



TDRT.

Features and Benefits

- Shrink ratio 3:1 for sizes 2.4, 3.2, 4.8, 6.4, and 9.5
- Shrink ratio 2:1 for larger sizes (Industry standard)
- Available in yellow as standard and white on request
- Certified to NF F 00-608 (12/1995) using TTDTHOUT and TTRHT ribbon, and laser beam equipment
- Delivery in convenient storage boxes
- Easy label design with TagPrint Pro 3.0

MATERIAL	Polyolefin, cross-linked (PO-X)
Operating Temperature	-55 °C to +135 °C
Minimum Shrink Temperature	+120 °C
Shrink Ratio	3:1
Recommended Ribbon Type	TTDTHOUT, TTRHT
Specifications	NF F 00-608 (12/1995)



For size matrix please refer to page 42, 43.

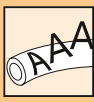


TYPE	Supplied Ø D min.	Recov. Ø d max.	Wall (WT)	Pack Cont.	Colour	Article-No.
TDRT2.4WH	2.4	0.8	0.50	110 m	White (WH)	553-62000
TDRT2.4YE	2.4	0.8	0.50	110 m	Yellow (YE)	553-62001
TDRT3.2WH	3.2	1.1	0.50	110 m	White (WH)	553-62002
TDRT3.2YE	3.2	1.1	0.50	110 m	Yellow (YE)	553-62003
TDRT4.8WH	4.8	1.6	0.55	110 m	White (WH)	553-62004
TDRT4.8YE	4.8	1.6	0.55	110 m	Yellow (YE)	553-62005
TDRT6.4WH	6.4	2.1	0.55	110 m	White (WH)	553-62006
TDRT6.4YE	6.4	2.1	0.55	110 m	Yellow (YE)	553-62007
TDRT9.5WH	9.5	3.2	0.60	72 m	White (WH)	553-62008
TDRT9.5YE	9.5	3.2	0.60	72 m	Yellow (YE)	553-62009
TDRT12WH	12.7	6.4	0.40	54 m	White (WH)	553-62010
TDRT12YE	12.7	6.4	0.40	54 m	Yellow (YE)	553-62011
TDRT18WH	19.1	9.5	0.46	26 m	White (WH)	553-62012
TDRT18YE	19.1	9.5	0.46	26 m	Yellow (YE)	553-62013
TDRT25WH	25.4	12.7	0.50	26 m	White (WH)	553-62014
TDRT25YE	25.4	12.7	0.50	26 m	Yellow (YE)	553-62015
TDRT38WH	38.1	19.1	0.65	13 m	White (WH)	553-62016
TDRT38YE	38.1	19.1	0.65	13 m	Yellow (YE)	553-62017
TDRT51WH	50.8	25.4	0.65	10 m	White (WH)	553-62018
TDRT51YE	50.8	25.4	0.65	10 m	Yellow (YE)	553-62019

All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content.



Please note! Not all products listed on this page may have this approval.



Identification tags for cable bundle "Ladder Style", thermal transfer

• TAGLF - Limited Fire Hazard Tiptags "Ladder Style"

TAGLF is designed for use in mass transit applications specifically rolling stock and is also used in all areas where limited fire hazard material is needed. The material is made from zero halogen, low toxicity, cross-linked polyolefin. The labels are applied to cables and harness assemblies with cable ties, and are also suitable for retrofit purposes. The material has been conditioned for printing on both thermal transfer and laser beam printers. The Tiptags are supplied on a continuous material roll. Simply print and press out the required Tiptag and apply with cable ties. Print with HellermannTyton's premium range of thermal printers and ribbons or a laser beam marking device.

Printers: TT4000+ and TT430

Ribbons: TTDTHOUT

Accessories for TT4000+: Cutter (S4000)

Accessories for TT430: Cutter (S430)

Software: TagPrint Pro 3.0

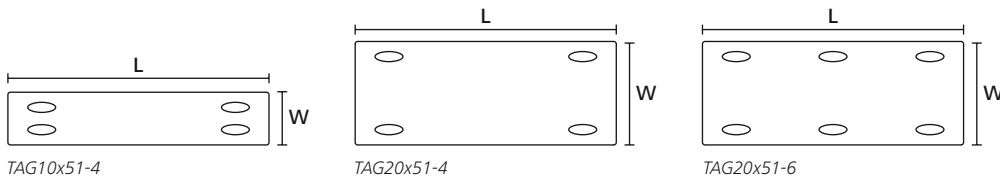
Features and Benefits

- TAGLF is a limited fire hazard Tiptag
- Thermal transfer or laser beam printable
- Available in white, yellow on request
- High Oxygen Index value (34.4%)
- Meets EN45545-2 (HL3, HL2, HL1)
- Meets MIL-STD 202G Method 215 mark permanence tests
- Good mechanical strength and highly flexible
- Delivery in convenient storage boxes
- Easy label design with TagPrint Pro 3.0



TAGLF.

MATERIAL	Polyolefin, cross-linked (PO-X)
Operating Temperature	-40 °C to +105 °C
Flammability	Self extinguishing
Recommended Ribbon Type	TTDTHOUT
Specifications	MIL-STD-202G Method 215K, SAE-AS81531



TYPE	Length (L)	Width (W)	Pack Cont.	Colour	Article-No.
TAGLF10X51-4WH	51.0	10.0	2,000 pcs.	White (WH)	556-83000
TAGLF10X51-4YE	51.0	10.0	2,000 pcs.	Yellow (YE)	556-83001
TAGLF20X51-6WH	51.0	20.0	1,000 pcs.	White (WH)	556-83004
TAGLF20X51-4WH	51.0	20.0	1,000 pcs.	White (WH)	556-83002
TAGLF20X51-4YE	51.0	20.0	1,000 pcs.	Yellow (YE)	556-83003
TAGLF20X51-6YE	51.0	20.0	1,000 pcs.	Yellow (YE)	556-83005

All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content.



Please note! Not all products listed on this page may have this approval.



Identification tags for cable bundle "Ladder Style", thermal transfer

- TAGDR - Diesel Resistant Tiptags "Ladder Style"

TAGDR is designed to survive environments where identification is exposed to organic fluids and oils for long periods at high temperatures. The diesel resistant Tiptag is ideal to rail applications and the material and print is certified to SNCF NF F 00-608 (12/1995). The labels are applied to cables and harness assemblies with cable ties, and are also suitable for retrofit purposes. The material has been conditioned for printing on both thermal transfer and laser beam printers. The Tiptags are supplied on a continuous material roll. Simply print and press out the required Tiptag and apply with cable ties. Print with HellermannTyton's premium range of thermal printers and ribbons or a laser beam marking device.

Printers: TT4000+ and TT430

Ribbons: TTDTHOUT, TTRHT

Accessories for TT4000+: Cutter (S4000)

Accessories for TT430: Cutter (S430)

Software: TagPrint Pro 3.0

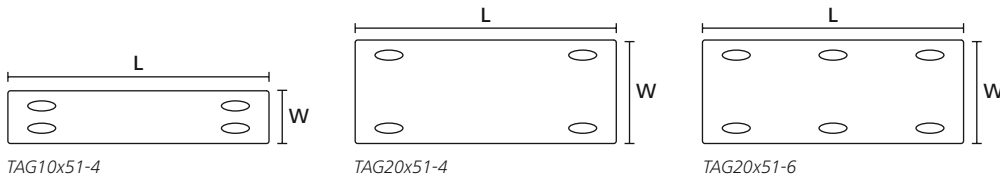
Features and Benefits

- TAGDR is a fluid resistant Tiptag
- Thermal transfer or laser beam printable
- Available in yellow, white on request
- Certified to SNCF NF F 00-608 (12/1995)
- Delivery in convenient storage boxes
- Easy label design with TagPrint Pro 3.0



TAGDR.

MATERIAL	Polyolefin, cross-linked (PO-X)
Operating Temperature	-55 °C to +135 °C
Flammability	ASTM D2671 B
Recommended Ribbon Type	TTDTHOUT, TTRHT
Specifications	MIL-STD-202G Method 215K, NF F 00-608 (12/1995), SAE-AS81531



TYPE	Length (L)	Width (W)	Pack Cont.	Colour	Article-No.
TAGDR10X51-4WH	51.0	10.0	2,000 pcs.	White (WH)	556-83500
TAGDR10X51-4YE	51.0	10.0	2,000 pcs.	Yellow (YE)	556-83501
TAGDR20X51-4WH	51.0	20.0	1,000 pcs.	White (WH)	556-83504
TAGDR20X51-6WH	51.0	20.0	1,000 pcs.	White (WH)	556-83502
TAGDR20X51-4YE	51.0	20.0	1,000 pcs.	Yellow (YE)	556-83505
TAGDR20X51-6YE	51.0	20.0	1,000 pcs.	Yellow (YE)	556-83503

All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content.



Please note! Not all products listed on this page may have this approval.



Thermal Printer Ribbons for heatshrink

- **TTDTH:- Smudge, Scratch, Oil, Benzene, and Alcoholic Solvent Resistant**

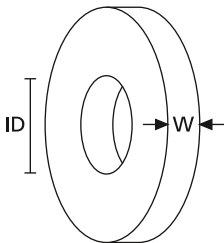
The thermal transfer print technology is based on heating up certain dots in the print head. This transfers the ink very precisely from the ribbon onto the surface of the printed material.

Features and Benefits

- Thermal transfer ribbons for highest quality and performance of printed labels
- Ribbons are specifically designed to maximise print performance for the recommended material



Ribbons for printing on Tubing and TipTags.



ID: The standard inside core diameter is 25.4 mm.

TYPE	Recommended Material	Colour	Width (W)	Length (L)	Article-No.
TTDTHOUT 40MM	THTT/TLFX/TDRT/TULT/TCGT/TIPTAG	Black (BK)	40.0	300.0 m	556-00139
TTDTHOUT 60MM	THTT/TLFX/TDRT/TULT/TCGT/TIPTAG	Black (BK)	60.0	300.0 m	556-00140
TTDTHOUT 100MM	THTT/TLFX/TDRT/TULT/TCGT/TIPTAG	Black (BK)	100.0	300.0 m	556-00141

All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content.



Discover M-BOSS Compact, a quiet, durable and easy to use metal plate embossing printer.



M-BOSS Compact Brochure – Professional identification solutions for hazardous environments.

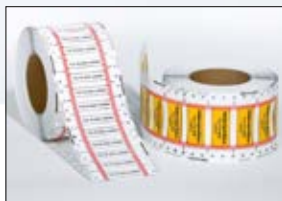
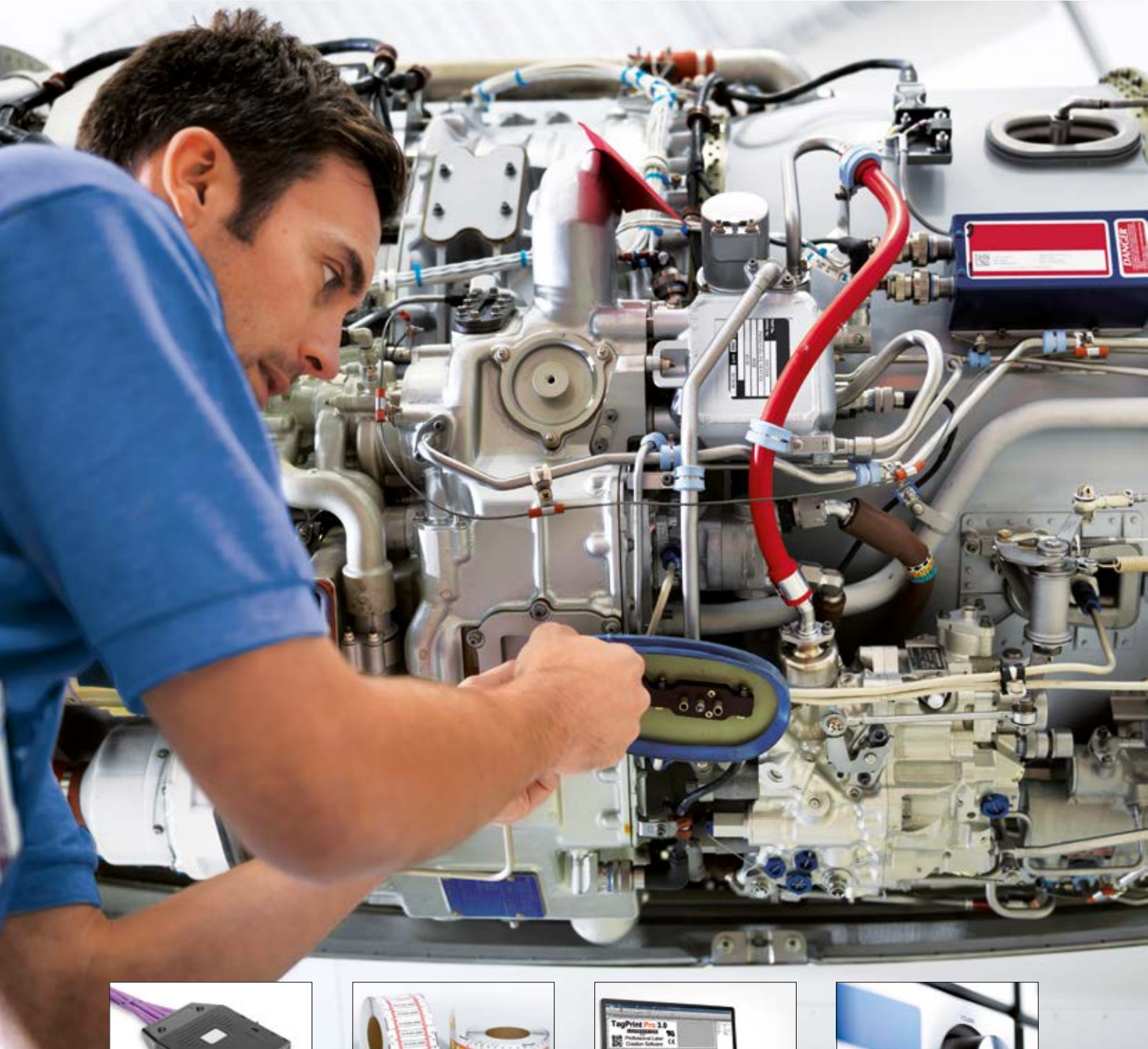
ORDER NOW!

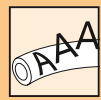


One Step to the Web!

Systematic reliability

Wide availability of quality products and services





Shrinkable markers "Ladder Style", thermal transfer

• TULT DS - 3:1 "Ladder Style" Sleeves

TULT DS is a 3:1 heatshrink material pre-cut and formatted onto a convenient "ladder" system that allows printing on both sides of the marker. The user can easily choose and pick the required marker. Print with HellermannTyton's premium range of thermal printers and ribbons.

Printers: TrakMark DS, TT4000+ and TT430

Ribbons: TTDTHOUT

Accessories for TrakMark DS and TT4000+: Perforator (P4000), Cutter (S4000)

Accessories for TT430: Cutter (S430), Perforator (P430)

Software: TagPrint Pro 3.0

Features and Benefits

- Shrink ratio 3:1
- 50 mm, 25 mm and 16 mm pre-cut marker options as standard, other lengths available on request
- Available in white and yellow
- Meets MIL-STD 202G Method 215 print requirements using TTDTHOUT ribbon
- Fulfils UL224 VW-1 requirements
- Fulfils LUL C3349 requirements
- Good mechanical strength and resistance to organic solvents and chemicals
- Highly flexible
- Delivery in convenient storage boxes
- Easy label design with TagPrint Pro 3.0



TULT DS.

MATERIAL	Polyolefin, cross-linked (PO-X)
Operating Temperature	-55 °C to +135 °C
Minimum Shrink Temperature	+90 °C
Shrink Ratio	3:1
Recommended Ribbon Type	TTDTHOUT
Specifications	MIL-STD-202G Method 215K, UL-Recognised



For size matrix please refer to page 42, 43.



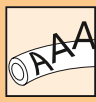
One Step to the Web!

TYPE	Supplied Ø D min.	Recov. Ø d max.	Length (L)	Wall (WT)	Pack Cont.	Colour	Article-No.
TULT2.4-0.8DS-3x16WH	2.4	0.8	16.0	0.58	3,000 pcs.	White (WH)	553-71004
TULT2.4-0.8DS-3x16YE	2.4	0.8	16.0	0.58	3,000 pcs.	Yellow (YE)	553-71005
TULT2.4-0.8DS-2x25WH	2.4	0.8	25.0	0.58	2,000 pcs.	White (WH)	553-71002
TULT2.4-0.8DS-2x25YE	2.4	0.8	25.0	0.58	2,000 pcs.	Yellow (YE)	553-71003
TULT2.4-0.8DS-1x50WH	2.4	0.8	50.0	0.58	1,000 pcs.	White (WH)	553-71000
TULT2.4-0.8DS-1x50YE	2.4	0.8	50.0	0.58	1,000 pcs.	Yellow (YE)	553-71001
TULT3-1DS-3x16WH	3.0	1.0	16.0	0.60	3,000 pcs.	White (WH)	553-71010
TULT3-1DS-3x16YE	3.0	1.0	16.0	0.60	3,000 pcs.	Yellow (YE)	553-71011
TULT3-1DS-2x25WH	3.0	1.0	25.0	0.60	2,000 pcs.	White (WH)	553-71008
TULT3-1DS-2x25YE	3.0	1.0	25.0	0.60	2,000 pcs.	Yellow (YE)	553-71009
TULT3-1DS-1x50WH	3.0	1.0	50.0	0.60	1,000 pcs.	White (WH)	553-71006
TULT3-1DS-1x50YE	3.0	1.0	50.0	0.60	1,000 pcs.	Yellow (YE)	553-71007
TULT4.8-1.6DS-3x16WH	4.8	1.6	16.0	0.65	3,000 pcs.	White (WH)	553-71016
TULT4.8-1.6DS-3x16YE	4.8	1.6	16.0	0.65	3,000 pcs.	Yellow (YE)	553-71017
TULT4.8-1.6DS-2x25WH	4.8	1.6	25.0	0.65	2,000 pcs.	White (WH)	553-71014
TULT4.8-1.6DS-2x25YE	4.8	1.6	25.0	0.65	2,000 pcs.	Yellow (YE)	553-71015
TULT4.8-1.6DS-1x50WH	4.8	1.6	50.0	0.65	1,000 pcs.	White (WH)	553-71012

All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content.



Please note! Not all products listed on this page may have this approval.



Shrinkable markers "Ladder Style", thermal transfer

- TULT DS - 3:1 "Ladder Style" Sleeves



TYPE	Supplied Ø D min.	Recov. Ø d max.	Length (L)	Wall (WT)	Pack Cont.	Colour	Article-No.
TULT4.8-1.6DS-1x50YE	4.8	1.6	50.0	0.65	1,000 pcs.	Yellow (YE)	553-71013
TULT6-2DS-3x16WH	6.0	2.0	16.0	0.70	3,000 pcs.	White (WH)	553-71022
TULT6-2DS-3x16YE	6.0	2.0	16.0	0.70	3,000 pcs.	Yellow (YE)	553-71023
TULT6-2DS-2x25WH	6.0	2.0	25.0	0.70	2,000 pcs.	White (WH)	553-71020
TULT6-2DS-2x25YE	6.0	2.0	25.0	0.70	2,000 pcs.	Yellow (YE)	553-71021
TULT6-2DS-1x50WH	6.0	2.0	50.0	0.70	1,000 pcs.	White (WH)	553-71018
TULT6-2DS-1x50YE	6.0	2.0	50.0	0.70	1,000 pcs.	Yellow (YE)	553-71019
TULT9-3DS-3x16WH	9.0	3.0	16.0	0.80	1,500 pcs.	White (WH)	553-71028
TULT9-3DS-3x16YE	9.0	3.0	16.0	0.80	1,500 pcs.	Yellow (YE)	553-71029
TULT9-3DS-2x25WH	9.0	3.0	25.0	0.80	1,000 pcs.	White (WH)	553-71026
TULT9-3DS-2x25YE	9.0	3.0	25.0	0.80	1,000 pcs.	Yellow (YE)	553-71027
TULT9-3DS-1x50WH	9.0	3.0	50.0	0.80	500 pcs.	White (WH)	553-71024
TULT9-3DS-1x50YE	9.0	3.0	50.0	0.80	500 pcs.	Yellow (YE)	553-71025
TULT12-4DS-3x16WH	12.0	4.0	16.0	0.85	1,500 pcs.	White (WH)	553-71034
TULT12-4DS-3x16YE	12.0	4.0	16.0	0.85	1,500 pcs.	Yellow (YE)	553-71035
TULT12-4DS-2x25WH	12.0	4.0	25.0	0.85	1,000 pcs.	White (WH)	553-71032
TULT12-4DS-2x25YE	12.0	4.0	25.0	0.85	1,000 pcs.	Yellow (YE)	553-71033
TULT12-4DS-1x50WH	12.0	4.0	50.0	0.85	500 pcs.	White (WH)	553-71030
TULT12-4DS-1x50YE	12.0	4.0	50.0	0.85	500 pcs.	Yellow (YE)	553-71031
TULT18-6DS-3x16WH	18.0	6.0	16.0	1.00	1,500 pcs.	White (WH)	553-71040
TULT18-6DS-3x16YE	18.0	6.0	16.0	1.00	1,500 pcs.	Yellow (YE)	553-71041
TULT18-6DS-2x25WH	18.0	6.0	25.0	1.00	1,000 pcs.	White (WH)	553-71038
TULT18-6DS-2x25YE	18.0	6.0	25.0	1.00	1,000 pcs.	Yellow (YE)	553-71039
TULT18-6DS-1x50WH	18.0	6.0	50.0	1.00	500 pcs.	White (WH)	553-71036
TULT18-6DS-1x50YE	18.0	6.0	50.0	1.00	500 pcs.	Yellow (YE)	553-71037
TULT24-8DS-3x16WH	24.0	8.0	16.0	1.20	750 pcs.	White (WH)	553-71046
TULT24-8DS-3x16YE	24.0	8.0	16.0	1.20	750 pcs.	Yellow (YE)	553-71047
TULT24-8DS-2x25WH	24.0	8.0	25.0	1.20	500 pcs.	White (WH)	553-71044
TULT24-8DS-2x25YE	24.0	8.0	25.0	1.20	500 pcs.	Yellow (YE)	553-71045
TULT24-8DS-1x50WH	24.0	8.0	50.0	1.20	250 pcs.	White (WH)	553-71042
TULT24-8DS-1x50YE	24.0	8.0	50.0	1.20	250 pcs.	Yellow (YE)	553-71043
TULT39-13DS-3x16WH	39.0	13.0	16.0	1.25	750 pcs.	White (WH)	553-71052
TULT39-13DS-3x16YE	39.0	13.0	16.0	1.25	750 pcs.	Yellow (YE)	553-71053
TULT39-13DS-2x25WH	39.0	13.0	25.0	1.25	500 pcs.	White (WH)	553-71050
TULT39-13DS-2x25YE	39.0	13.0	25.0	1.25	500 pcs.	Yellow (YE)	553-71051
TULT39-13DS-1x50WH	39.0	13.0	50.0	1.25	250 pcs.	White (WH)	553-71048
TULT39-13DS-1x50YE	39.0	13.0	50.0	1.25	250 pcs.	Yellow (YE)	553-71049

All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content.



Please note! Not all products listed on this page may have this approval.



Shrinkable markers "Continuous Tube", thermal transfer

- TULT - 3:1 Military and Electronics

TULT is a UL recognized 3:1 heatshrink material supplied as a continuous tube and printable on both sides. The supplied accessories allow users to either perforate the tubing at pre-determined lengths (P4000), or fully sever the markers (S4000) whilst printing with the TrakMark DS or TT4000+ printer. Print with HellermannTyton's premium range of thermal printers and ribbons.

Printers: TrakMark DS, TT4000+ and TT430

Ribbons: TTRC+, TTDTHOUT, TTRW, TT822OUT8

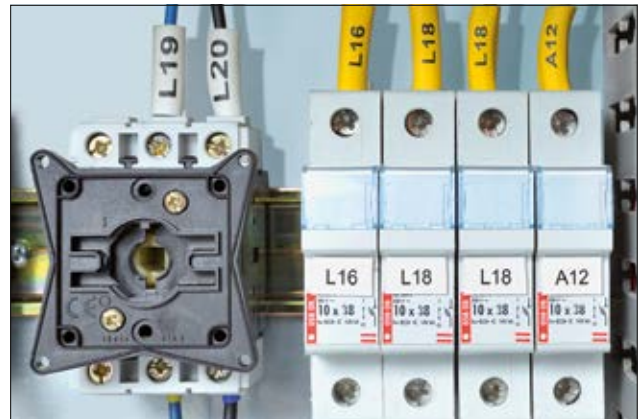
Accessories for TrakMark DS and TT4000+: Perforator (P4000), Cutter (S4000)

Accessories for TT430: Cutter (S430), Perforator (P430)

Software: TagPrint Pro 3.0

Features and Benefits

- Shrink ratio 3:1
- Available in black, blue, red, white and yellow
- Cable range from 39 mm to 1 mm
- Good mechanical strength and resistance to organic solvents and chemicals
- Highly flexible
- Fulfils UL224 VW-1 and CSA requirements
- Delivery in convenient storage boxes
- Easy label design with TagPrint Pro 3.0



TULT – 5 colours of UL recognised printable tube to cover a wide range of diameters.

MATERIAL	Polyolefin, cross-linked (PO-X)
Operating Temperature	-55 °C to +135 °C
Minimum Shrink Temperature	+90 °C
Shrink Ratio	3:1
Recommended Ribbon Type	TTRC+, TTDTHOUT, TTRW, TT822OUT8
Specifications	CSA, UL-Recognised



For size matrix please refer to page 42, 43.

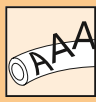


TYPE	Supplied Ø D min.	Recov. Ø d max.	Wall (WT)	Pack Cont.	Colour	Article-No.
TULT3-1BK	3.0	1.0	0.60	176 m	Black (BK)	553-40300
TULT3-1BU	3.0	1.0	0.60	176 m	Blue (BU)	553-40306
TULT3-1RD	3.0	1.0	0.60	176 m	Red (RD)	553-40302
TULT3-1WH	3.0	1.0	0.60	176 m	White (WH)	553-40309
TULT3-1YE	3.0	1.0	0.60	176 m	Yellow (YE)	553-40304
TULT4.8-1.6BK	4.8	1.6	0.65	110 m	Black (BK)	553-40480
TULT4.8-1.6BU	4.8	1.6	0.65	110 m	Blue (BU)	553-40486
TULT4.8-1.6RD	4.8	1.6	0.65	110 m	Red (RD)	553-40482
TULT4.8-1.6WH	4.8	1.6	0.65	110 m	White (WH)	553-40489
TULT4.8-1.6YE	4.8	1.6	0.65	110 m	Yellow (YE)	553-40484
TULT6-2BK	6.0	2.0	0.70	110 m	Black (BK)	553-40600
TULT6-2BU	6.0	2.0	0.70	110 m	Blue (BU)	553-40606
TULT6-2RD	6.0	2.0	0.70	110 m	Red (RD)	553-40602
TULT6-2WH	6.0	2.0	0.70	110 m	White (WH)	553-40609
TULT6-2YE	6.0	2.0	0.70	110 m	Yellow (YE)	553-40604

All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content.



Please note! Not all products listed on this page may have this approval.



Shrinkable markers "Continuous Tube", thermal transfer

- TULT - 3:1 Military and Electronics

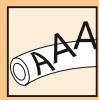


TYPE	Supplied Ø D min.	Recov. Ø d max.	Wall (WT)	Pack Cont.	Colour	Article-No.
TULT9-3BK	9.0	3.0	0.80	72 m	Black (BK)	553-40900
TULT9-3BU	9.0	3.0	0.80	72 m	Blue (BU)	553-40906
TULT9-3RD	9.0	3.0	0.80	72 m	Red (RD)	553-40902
TULT9-3WH	9.0	3.0	0.80	72 m	White (WH)	553-40909
TULT9-3YE	9.0	3.0	0.80	72 m	Yellow (YE)	553-40904
TULT12-4BK	12.0	4.0	0.85	54 m	Black (BK)	553-41200
TULT12-4BU	12.0	4.0	0.85	54 m	Blue (BU)	553-41206
TULT12-4RD	12.0	4.0	0.85	54 m	Red (RD)	553-41202
TULT12-4WH	12.0	4.0	0.85	54 m	White (WH)	553-41209
TULT12-4YE	12.0	4.0	0.85	54 m	Yellow (YE)	553-41204
TULT18-6BK	18.0	6.0	1.00	26 m	Black (BK)	553-41800
TULT18-6BU	18.0	6.0	1.00	26 m	Blue (BU)	553-41806
TULT18-6RD	18.0	6.0	1.00	26 m	Red (RD)	553-41802
TULT18-6WH	18.0	6.0	1.00	26 m	White (WH)	553-41809
TULT18-6YE	18.0	6.0	1.00	26 m	Yellow (YE)	553-41804
TULT24-8BK	24.0	8.0	1.20	26 m	Black (BK)	553-42400
TULT24-8BU	24.0	8.0	1.20	26 m	Blue (BU)	553-42406
TULT24-8RD	24.0	8.0	1.20	26 m	Red (RD)	553-42402
TULT24-8WH	24.0	8.0	1.20	26 m	White (WH)	553-42409
TULT24-8YE	24.0	8.0	1.20	26 m	Yellow (YE)	553-42404
TULT39-13BK	39.0	13.0	1.25	10 m	Black (BK)	553-43900
TULT39-13BU	39.0	13.0	1.25	10 m	Blue (BU)	553-43906
TULT39-13RD	39.0	13.0	1.25	10 m	Red (RD)	553-43902
TULT39-13WH	39.0	13.0	1.25	10 m	White (WH)	553-43909
TULT39-13YE	39.0	13.0	1.25	10 m	Yellow (YE)	553-43904

All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content.



Please note! Not all products listed on this page may have this approval.



Identification tags for cable bundle "Ladder Style", thermal transfer

- TAGUL - Standard Tiptags "Ladder Style"

TAGUL is a specially designed for use in identifying wire and cable bundles in electronics and general cabling environments. The labels are applied to cables and harness assemblies with cable ties, and are also suitable for retrofit purposes. The material has been conditioned for printing on both thermal transfer and laser beam printers. The Tiptags are supplied on a continuous material roll. Simply print and press out the required Tiptag and apply with cable ties. Print with HellermannTyton's premium range of thermal printers and ribbons or a laser beam marking device.

Printers: TT4000+ and TT430

Ribbons: TTDTHOUT

Accessories for TT4000+: Cutter (S4000)

Accessories for TT430: Cutter (S430)

Software: TagPrint Pro 3.0

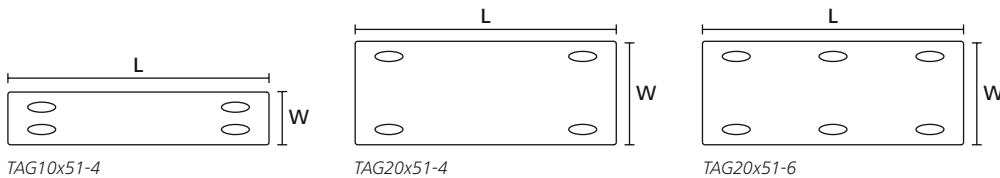
Features and Benefits

- TAGUL is a general purpose Tiptag
- Thermal transfer or laser beam printable
- Available in white or yellow
- Meets MIL-STD 202G Method 215 mark permanence tests
- Good mechanical strength and highly flexible
- Delivery in convenient storage boxes
- Easy label design with TagPrint Pro 3.0



TAGUL.

MATERIAL	Polyolefin, cross-linked (PO-X)
Operating Temperature	-55 °C to +135 °C
Flammability	ASTM D2671 B
Recommended Ribbon Type	TTDTHOUT
Specifications	MIL-STD-202G Method 215K, SAE-AS81531



TYPE	Length (L)	Width (W)	Pack Cont.	Colour	Article-No.
TAGUL10X51-4WH	51.0	10.0	2,000 pcs.	White (WH)	556-82000
TAGUL10X51-4YE	51.0	10.0	2,000 pcs.	Yellow (YE)	556-82001
TAGUL20X51-4WH	51.0	20.0	1,000 pcs.	White (WH)	556-82005
TAGUL20X51-6WH	51.0	20.0	1,000 pcs.	White (WH)	556-82002
TAGUL20X51-4YE	51.0	20.0	1,000 pcs.	Yellow (YE)	556-82004
TAGUL20X51-6YE	51.0	20.0	1,000 pcs.	Yellow (YE)	556-82003

All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content.



Please note! Not all products listed on this page may have this approval.



Thermal printer ribbons for heatshrink

- **TTRC+:** Smudge, Scratch, Oil, Benzene and Alcoholic Solvent Resistant

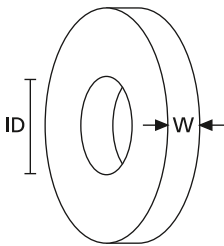
The thermal transfer print technology is based on heating up certain dots in the print head. This transfers the ink very precisely from the ribbon onto the surface of the printed material.

Features and Benefits

- Thermal transfer ribbons for highest quality and performance of printed markers
- Ribbons are specifically designed to maximise print performance for the recommended material



Premium thermal transfer ribbons.



ID: The standard inside core diameter is 25.4 mm.

TYPE	Recommended Material	Colour	Width (W)	Length (L)	Article-No.
TTRC+ 30MM	TIPTAG/TIPTAG PU/TULT/TCGT/TLFX	Black (BK)	30.0	300.0 m	556-00114
TTRC+ 60MM	TIPTAG/TIPTAG PU/TULT/TCGT/TLFX	Black (BK)	60.0	300.0 m	556-00115
TTRC+ 100MM	TIPTAG/TIPTAG PU/TULT/TCGT/TLFX	Black (BK)	100.0	300.0 m	556-00103

All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content.





Thermal printer ribbons for heatshrink

- **TTDTH:- Smudge, Scratch, Oil, Benzene, and Alcoholic Solvent Resistant**

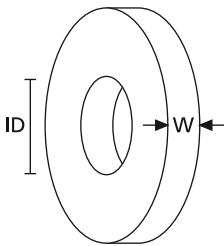
The thermal transfer print technology is based on heating up certain dots in the print head. This transfers the ink very precisely from the ribbon onto the surface of the printed material.

Features and Benefits

- Thermal transfer ribbons for highest quality and performance of printed labels
- Ribbons are specifically designed to maximise print performance for the recommended material



Ribbons for printing on Tubing and TipTags.



ID: The standard inside core diameter is 25.4 mm.

TYPE	Recommended Material	Colour	Width (W)	Length (L)	Article-No.
TTDTHOUT 40MM	THTT/TLFX/TDRT/TULT/TCGT/TIPTAG	Black (BK)	40.0	300.0 m	556-00139
TTDTHOUT 60MM	THTT/TLFX/TDRT/TULT/TCGT/TIPTAG	Black (BK)	60.0	300.0 m	556-00140
TTDTHOUT 100MM	THTT/TLFX/TDRT/TULT/TCGT/TIPTAG	Black (BK)	100.0	300.0 m	556-00141

All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content.

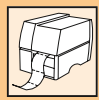


Effective versatility

Perfect equipment for all requirements



„HellermannTyton provides a system that enables me to produce consistent professional identification every time.“



Thermal Transfer Printer

- **TrakMark DS, Double Sided**

Features and Benefits

- High volume two sided printing
- Print on THTT DS, TLFX DS, TDRT DS and TULT DS ("Ladder" products)
- Print on THTT, TLFX, TDRT, TULT, and TCGT (Continuous tubing)
- Print on TAGHT, TAGLF, TAGDR, TAGUL, Tiptags
- Print on adhesive labels
- Uses standard 300 m ribbons
- Barcodes: standard and 2D
- Print speed up to 125 mm/s (30 mm/s recommended for "Ladder" products and tubing)
- Multiple language selection
- Windows drivers: 32/64 bit for Windows XP, Windows Vista, Windows 7, and Windows 8
- Options: External Reel Holder (556-00451), Cutter (556-04025), Perforator (556-04024)



TrakMark DS printer.

Print Method	Thermal Transfer
Print Head Type	300 dpi, flat type
Print Speed	30, 40, 50, 75, 100, 125 mm/s
Max. Print Width	105.6 mm
Max. Label Length	2,000 mm
Printer Interfaces	RS232 C, USB 2.0, Ethernet 10/100 Base T
Supported Barcodes, Printer	Standard, 2D
Printer Memory	64 MB RAM
Dimensions W x H x D	248 mm x 395 mm x 554 mm
Weight	21 kg
Specifications	CE, FCC, UL



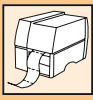
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TYPE	Article-No.
TRAKMARK DS 300DPI	556-05000

Subject to technical changes.





Thermal Transfer Printer

- **TT4000+**

Features and Benefits

- High volume single sided printing
- Print on THTT DS, TLFX DS, TDRT DS and TULT DS ("Ladder" products)
- Print on THTT, TLFX, TDRT, TULT, and TCGT (Continuous tubing)
- Print on TAGHT, TAGLF, TAGDR, TAGUL, Tiptags
- Print on adhesive labels
- Uses standard 300 m ribbons
- Barcodes: standard and 2D
- Print speed up to 125 mm/s (30 mm/s recommended for Ladder Products and Tubing)
- Multiple language selection
- Windows drivers: 32/64 bit for Windows XP, Windows Vista, Windows 7, and Windows 8
- Options: External Reel Holder (556-00451), Cutter (556-04025), Perforator (556-04024)



TT4000+ series printer.

Print Method	Thermal Transfer
Print Head Type	300 dpi, flat type
Print Speed	30, 40, 50, 75, 100, 125 mm/s
Max. Print Width	105.6 mm
Max. Label Length	1,000 mm
Printer Interfaces	RS232 C, USB 2.0, Ethernet 10/100 Base T
Supported Barcodes, Printer	Standard, 2D
Printer Memory	64 MB RAM
Dimensions W x H x D	242 mm x 274 mm x 446 mm
Weight	10 kg
Specifications	CE, FCC, UL



TYPE	Article-No.
TT4000+ 300dpi	556-04000

Subject to technical changes.

TYPE	Article-No.
Cutter Tray for S4000	556-03011
S4000 Cutter	556-04025

Subject to technical changes.



Please note! Not all products listed on this page may have this approval.



Thermal Transfer Printer

- **TT430**

Features and Benefits

- Medium volume single sided printing
- Print on THTT DS, TLFX DS, TDRT DS and TULT DS ("Ladder" products)
- Print on THTT, TLFX, TDRT, TULT, and TCGT (Continuous tubing)
- Print on TAGHT, TAGLF, TAGDR, TAGUL, Tiptags
- Print on adhesive labels
- Uses standard ribbons
- Barcodes: standard and 2D
- Print speed up to 125 mm/s (30 mm/s recommended for "Ladder" products and tubing)
- Adjustable label sensor
- Multiple language selection
- Windows drivers: 32/64 bit for Windows XP, Windows Vista, Windows 7 and Windows 8
- Options: Cutter (556-00452) and External Reel Holder (556-00451)



TT430 thermal transfer printer.

Print Method	Thermal Transfer
Print Head Type	300 dpi, flat type
Print Speed	up to 125 mm/s
Max. Print Width	106 mm
Max. Label Length	1,000 mm
Printer Interfaces	USB 2.0, Ethernet 10/100 Base T
Supported Barcodes, Printer	Standard and 2D
Printer Memory	64 MB RAM
Dimensions W x H x D	253 mm x 189 mm x 322 mm
Weight	4 kg
Specifications	CE, FCC, UL



TYPE	Article-No.
TT430	556-00450

Subject to technical changes.

TYPE	Description	Article-No.
P430 Perforator	-	556-00456
TT430 External Reel Holder	TT430 External Reel Holder	556-00451

Subject to technical changes.



Please note! Not all products listed on this page may have this approval.



Labelling software

• TagPrint Pro 3.0

Easily import a variety of image types into the label design. Use any Windows based font in the label design for complete customization. Layer objects like professional page layout programs. Rulers on top and side allow for exact placement of object. Easily change text colour, fill colour and border colour to make text stand out and accomplish "full reverse" printing. Allow text characters to be stretched or compressed to almost any height or width. Draw lines, circles and boxes on the label as a simple way of making the label look more professional.

Features and Benefits

- Alphanumeric sequences
- Print to multiple printers at one time
- Save jobs in a queue and print all at one time with "Print later" function
- Print faster
- Connect or import directly from other databases including Excel, Access, text files
- More bar code types
- Inverse, flip, and mirror image options for graphic images
- Multi-lingual
- Print log available
- Manually adjust font size to 1/10 of a point
- Customize height and width of characters
- Customize line spacing
- And much more!



The easy to use software speeds up production of markers, labels, and identification tags.

System Requirements	
	PC running Microsoft Windows XP SP3, Vista SP1 or later, Windows 7 .NET Framework 4, Windows 8
	512 MB RAM (XP SP3)
	1.0 GB RAM (Vista/Windows 7/Windows 8)
	500 MB available hard disk space

TYPE	Article-No.
TagPrint Pro 3.0 EMEA	556-00051

Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content.



Gas powered Hot Air Tool

- E4500

The E4500 hot air gun starter kit is ideal for working in cramped spaces or where there is no power supply. The kit includes a E4500 hot air tool with protective spring, gas cartridge P445, reflector nozzle Z2 and flat nozzle Z3. The hot air tool is suitable for shrinking all types of heat shrink products including tubing, shapes and cable repair sleeves. It can also be used for the bending and shaping of PVC pipes, soft soldering of copper pipes, drying, defrosting (of locks), heating and paint stripping.

Features and Benefits

- Cordless hot air gun works with special gas cartridge
- Does not need any power supply
- Suitable for outdoor use
- Designed for heat shrink tubing, end caps and moulded shapes
- Supplied with protective spring, two nozzles and a gas cartridge
- Allows precise working in any position even in restricted spaces
- Can be operated on its stand for hands free use
- Light weight tool
- Operating time of cartridge: approx. 1.5 hours
- With easy Piezo ignition



E4500-H with heat protecting spring.



Practical hot air gun kit E4500 with accessories.



Gas cartridge P445.



One Step to the Web!

TYPE	Description		Article-No.
E4500	GAS-HEATGUN4500	Hot air gun with protective spring incl. gas cartridge, reflector nozzle Z2 and flat nozzle Z3	391-90002
P445	P445	P445 Refill Gas Cartridge (Butane, Propane, Propene)	391-90101

Subject to technical changes.



Application Tooling

Application Tooling for Heat Shrinkable Tubing

Electrical Hot Air Tool

- H5002 - handy tool

For applying heat shrinkable products like thin walled shrink tubing and moulded shapes.

Features and Benefits

- Lightweight and compact hot air tool
- Enables comfortable, fatigue-free work
- Temperature electronically controlled from 100-600 °C, cold air step of 50 °C
- Air-flow regulation adjusted in two stages (300 l/min and 500 l/min)



H5002 - The light, convenient hot-air tool.

TYPE	Description	Air Flow l/min	Operating Temperature	Standby Temp. °C	Wattage	Operational Voltage	Weight	Article-No.
H5002	H5002	300 - 500 l/min	+100 °C to +600 °C	50 °C	2,000 W	230 V AC ~ / 230-240 V	0.9 kg	391-50200

Subject to technical changes.



Electrical Hot Air Tool

- **H5004 - for professional use**

H5004 electrical hot air tool is designed for shrinking down many heat shrinkable products like thin wall tubing, with and without adhesive, end caps and moulded shapes.

Features and Benefits

- Professional hot air gun
- Temperature electronically controlled
- Air flow regulation
- Equipped with LED temperature indication enabling precise temperature adjustment



H5004 - for professional use.

TYPE	Description	Air Flow l/min	Operating Temperature	Standby Temp. °C	Wattage	Operational Voltage	Weight	Article-No.
H5004	H5004	150 - 500 l/min	+50 °C to +650 °C	50 °C	2,300 W	230-240V, 50Hz	1.13 kg	391-50400

Subject to technical changes.



Size Selection Guide

