



TrakMark DS

Efficient high speed double side printing

HellermannTyton

**Thermal Transfer Printer
TrakMark DS**

TrakMark DS is a heavy duty thermal transfer printer ideally suited to the needs of the rail market where texts must be visible on both sides of a marker.

The ability to print on two sides at the same time represents a labour cost saving of 50% as the consumables do not need to be printed twice. As important as labour savings are, accuracy and the integrity of the print is of utmost importance.

The printed mark is transferred to both sides of the marker at the same time and so gives you 100% text accuracy.



TrakMark DS printer with perforator.

Thermal transfer printer TrakMark DS

- Print resolution 300 dpi
- Print speed 30 to 125 mm/s
- Print width 105 mm
- Printable length 5 - 1000 mm
- **Media width:**
 - Continuous heatshrink tubing (flattened) 3 - 85 mm
 - Ladderstyle heatshrink tubing (flattened) 50 - 110 mm
- **Media roll:**
 - Total internal diameter spool/material 300 mm
- 395 (H) x 554 (D) x 248 (W) mm



TrakMark DS side view and easy-access panel.

Technical Table	
Article-No.	Type
556-05000	TrakMark DS

All dimensions in mm. Subject to technical changes.

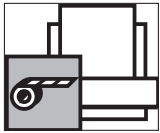
TLFX – Continuous 2:1 Halogen Free heatshrink printable tubing, thermal transfer

Features and Benefits

TLFX is a specially compounded Zero Halogen, thin walled, flexible heatshrink tubing which shrinks uniformly to form a permanent insulation. The tubing has excellent printable properties for identification purposes.

Application

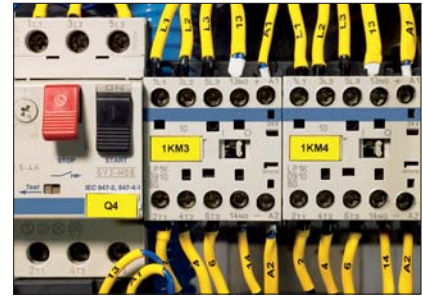
TLFX is ideal for underground railway, marine, offshore and aerospace applications. Class leading mark permanence and clarity is achieved by using HellermannTyton's TrakMark DS and TT4000 range of thermal printers with either TTDTHOUT or TTRC+ ribbons.



Thermal Transfer Printer



High performance halogen free printed markers prior to shrinking.



High performance halogen free printed markers after shrinking.

Material Data

Material	Polyolefin, cross-linked (POX)
Colour	White (WH), Yellow (YE)
Shrink Ratio	2:1
Longitudinal change after shrinkage	-10% max
Min. Shrink Temperature	+120 °C
Dielectric Strength	20 kV/mm
Operating Temperature	-40 °C to +105 °C continuous, (+135 °C for 200 h)
Flammability	Halogen free, Low generation of toxic gases and corrosive acid, Low smoke generation, Oxygen Index 34% (BS EN ISO 4589-2), Temperature Index 354 (BS EN ISO 4589-3), Acid Gas < 5mg/g (BS IEC ISO 60754 Pt1); 6.3pH/6.86is (BS IEC ISO 60754 Pt1)



Technical Table

Article-No.	Type	Colour	Supplied Ø D min.	Recov. Ø d max.	Wall (WT)	Quantity per reel (m)
554-50004	TLFX24WH	White (WH)	2.4	1.2	0.50	15
554-50005	TLFX24YE	Yellow (YE)	2.4	1.2	0.50	15
554-50104	TLFX32WH	White (WH)	3.2	1.6	0.50	15
554-50105	TLFX32YE	Yellow (YE)	3.2	1.6	0.50	15
554-50204	TLFX48WH	White (WH)	4.8	2.4	0.50	15
554-50205	TLFX48YE	Yellow (YE)	4.8	2.4	0.50	15
554-50304	TLFX64WH	White (WH)	6.4	3.2	0.60	15
554-50305	TLFX64YE	Yellow (YE)	6.4	3.2	0.60	15
554-50404	TLFX95WH	White (WH)	9.5	4.8	0.60	15
554-50405	TLFX95YE	Yellow (YE)	9.5	4.8	0.60	15
554-50504	TLFX127WH	White (WH)	12.7	6.4	0.60	12.5
554-50505	TLFX127YE	Yellow (YE)	12.7	6.4	0.60	12.5
554-50604	TLFX190WH	White (WH)	19.0	9.5	0.80	12.5
554-50605	TLFX190YE	Yellow (YE)	19.0	9.5	0.80	12.5
554-50704	TLFX254WH	White (WH)	25.4	12.7	0.90	10
554-50705	TLFX254YE	Yellow (YE)	25.4	12.7	0.90	10
554-50804	TLFX381WH	White (WH)	38.1	19.0	1.00	10
554-50805	TLFX381YE	Yellow (YE)	38.1	19.0	1.00	10

All dimensions in mm. Subject to technical changes.

Printer Ribbons

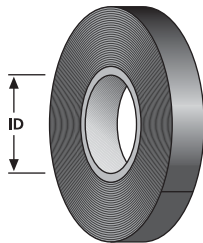
Thermal transfer print technology works by heating up specific dots on the printhead. The heated dots quickly melts the ink from the ribbon and this then transfers the characters onto the heatshrink. The higher the dpi rating used the better the print definition.

Recommended ribbons for printing on shrinking sleeve

The range of ribbons has been designed to give maximum print clarity and performance. Printed material can be handled immediately after printing so enabling the user to apply the printed tube without a secondary mark stabilising operation.



Ribbons for printing on heatshrink tubing.



ID:
The standard inside core diameter is 25,4 mm.
Other sizes are available on request.

Technical Table

Article-No.	Type	Colour	Width (W)	Reel Length (m)
Ribbons for printing on heat shrink tubing				
556-00114	TTRC+ 30MM	Black (BK)	30	300
556-00115	TTRC+ 60MM	Black (BK)	60	300
556-00103	TTRC+ 100MM	Black (BK)	100	300
556-00139	TTDTHOUT 40MM	Black (BK)	40	300
556-00140	TTDTHOUT 60MM	Black (BK)	60	300
556-00141	TTDTHOUT 100MM	Black (BK)	100	300

All dimensions in mm. Subject to technical changes.

Recommended Software for printing with TrakMark DS: TagPrint Pro 2.0

The templates in TagPrint Pro have been designed to enable a customer to either print the same text on both sides or independent text on each side. The flexibility that TagPrint Pro 2.0 gives ensures that users are able to manage printable data from both simple keyboard input to large and complex data from external sources such as excel in an effortless way. The simplicity of TagPrint Pro and the print capability of TrakMark DS gives every user the ability to print required texts accurately and quickly.



TagPrint PRO Label Creation Software.

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