HellermannTyton

HellermannTyton

Stainless Steel Printing System

M-BOSS Compact Printer

M-BOSS Compact is a quiet, easy to use metal plate embossing printer with a small production footprint. It is simple to install and operate and only needs a standard electrical supply and a PC. Texts are created with Tagprint Pro 3.0. Simply open the easy to use program to create print lists. Improved cooling system now ensures a continuous operation between 8-10 hours.

Features & Benefits

• Small, easy to use metal plate embosser
• Quiet embossing mechanism suited to production and office environments
• Emboss first marker within a minute of power up
• Designed for low to medium sized print jobs
• Use Tagprint Pro 3.0 labelling software to create and edit marker plate texts
• Pre-loaded marker plate templates
• Pre-defined excel print file to simplify user input
• Powered by a standard electrical supply
• Integrated printed output marker management option
• Characters have been tested to withstand 1 million strikes each
• Improved cooling system allows 8-10 hours continuous printing
• Printer is delivered with 45 piece 4mm character set.

Type	Width (W)	Length (L)	Pack cont.	Article No.
M-BOSS Compact	570mm	480mm	1	544-20000

M-BOSS Compact Organiser

M-BOSS Compact Organiser is a 10 container carousel storage system that can be programmed to hold either an individual or a pre-defined set of marker plates. This means that users have the flexibility to manage how they work with the printed output. A simple input screen on the top of the machine is used to specify the quantity per container within the carousel. The carousel drawer when opened extends 430mm from the front of the printer.

Features & Benefits
• Ability to manage how the printed marker plates are organised
• Carousel system under the printer has 10 marker plate containers
• Flexible output means all marker plates or a set amount can be sent to each container
• Container capacity is 40 marker plates

Type	Pack cont.	Dia	Article No.
M-BOSS Compact Organiser	1	370mm	544-21000

M-BOSS Compact Markers

M-BOSS Markers are used in all areas where severe mechanical or chemical conditions occur e.g. offshore industry, marine engineering, petrochemical industry, mining, underground or on radio and cellular masts where mark permanence is critical.

Technical Table								
Type	Strap Width (G)	No. of Lines	Characters per line	No. of characters	Width (W) mm	Length (L) mm	Pack Cont.	Article No.
MBML-10X45	4.6 mm	1	8	8	10.00	45.00	1000	540-20005
MBML-10X90	4.6 mm	1	23	23	10.00	90.00	500	540-20004
MBML-20X45	4.6 mm	3	8	24	20.00	45.00	1000	540-20002
MBML-20X90	4.6 mm	3	23	69	20.00	90.00	500	540-20001

TT4000+ Printer

- Tough metal construction chassis made of dye-cast aluminum especially designed for the most demanding applications
- 300 dpi printhead
- Prints labels (TAG…), heatshrink (TCGT, TULT, TLFX), TIPTAGS and non-heatshrink sleeving (TLFPT)
- New spring-loaded print head with a user-friendly pressure control ensures even printing
- USB 2.0 High Speed Slave interface for standard connection to the PC
- USB cable and Tagprint Pro software included with a PC

Order code – TT4000+UK

TT4000+ Printer

TagPrint^R PRO 3.0

Increase productivity, reduce errors and decrease time spent producing labels with a complete labelling management solution from HellermannTyton.

A cost effective, easy to use label design and printing software Used in wire and component marking, asset tagging and structured cable identification Compatible with Windows 7, Vista and XP as well as future operating systems such as Windows 8.

Design Features:
- TagPrint Pro3 is What You See Is What You Get (WYSIWYG) label creation software with practical pull-down menus and a wide array of design options.
- Word Art for user creation of unique text
- Open and print multiple label designs at one time

Graphic Features:
- Easily link graphics to the table for adding different graphics to different labels
- Software includes hundreds of clip art images
- Flip, rotate, inverse or mirror image graphics and test

Bar Code Features:
- Human readable on top, side or bottom of the bar code
- Print the most popular bar code symbolises
- Control bar code specifications such as module, ratio, compensation and height

Printing Features:
- Full software control of printer features and settings
- Preview mode allows the user to check accuracy prior to printing
- Stores heat and speed settings in the template, when saved.

Table Features:
- Open imported files directly into the table
- Create serial numbers automatically
- Import using the ASCII or OBCD utility field
- Store saved label designs in each row of a column within a single table
- Print multiple, different label designs from a single table

Tagprint Pro Software

Thermal Transfer printer TT430

The TT430 is a modern and cost effective medium volume thermal transfer printer, offering cutting edge technology whilst being simple to use. The print engine is optimised for consistent high quality printing.

Features & Benefits

- Prints on a wide range of consumables:
  TLFX DS, TDRT DS, TULT DS and Shrink Trak,
  TLFX, TULT, TCGT continuous tubing,
  Tiptags and adhesive labels.

- Quiet, efficient, desktop printing with 300dpi
  print head able to print logos, graphics, bar
  codes, text and serial numbers

- Weighs only 4kg

- Measures 322mm x 189mm x 253mm

- Print speed up to 125mm/s

- External reel holder (caddy) and cutter also available

TT430		
Article No.	**Reference**	**Description**
556-00450	TT430	Thermal Transfer Printer
556-00451	TT430 Caddy	External Reel Holder (Caddy)
556-00452	S430 Cutter	Cutter

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Thermal Transfer Panel Labels

Application:

Panel labels are durable adhesive labels especially made from a thick material that is designed to replace traditional engraved plastic plates. Suitable for industrial control panels, switchgear, data racks and general equipment labelling.

Create crisp and clear professional looking labels by printing with TT4000+ or TT430 printer. Simple label design creation is easily achieved using Tagprint Pro software (see page 184)

Features & Benefits

- Cost effective replacement for engraved plastic plates, no need for additional label holder.

- High performance adhesive and compressible foam backing ensures optimal adhesion to uneven surfaces if required.

- Rounded corners ensure better long term durability of adhesion.

- Wide range of sizes to suit most commonly installed equipment.

- Print high contrast text and barcodes.

- Print 'on site' not order 'off site'

- Material Polyester (PET), White (WH)

- Recommended ribbon TT822OUT

- Adhesive: Acrylic

- Operating temperature -40ºC to +90ºC

- Excellent resistance to ageing, weathering and UV radiation.
  Extensive resistance to the influence of chemicals and solvent.

Easily print on TT4000+ or TT430

Ideal replacement for engraved plates: panel labels

Panel Labels					
Article No.	Type	Colour	Dimensions (W) (H)	Labels per Row	Pack cont per Reel
596-00560	TAG13-07TDK1-1220-WH	White (WH)	13 X 7mm	1	1000
596-00561	TAG22-22TDK1-1220-WH	White (WH)	22 X 22mm	1	1000
596-00562	TAG27-08-TDK1-1220-WH	White (WH)	27 X 8mm	1	1000
596-00558	TAG27-12.5TDK1-1220-WH	White (WH)	27 X 12.5mm	1	1000
596-00563	TAG27-15TDK1-1220-WH	White (WH)	27 X 15mm	1	1000
596-00564	TAG27-18TDK1-1220-WH	White (WH)	27 X 18mm	1	1000
596-00565	TAG27-27TDK1-1220-WH	White (WH)	27 X 27mm	1	1000
596-00566	TAG35-18TDK1-1220-WH	White (WH)	35 X 18mm	1	1000
596-00567	TAG45-15TDK1-1220-WH	White (WH)	45 X 15mm	1	1000
596-00568	TAG45-25TDK1-1220-WH	White (WH)	45 X 25mm	1	1000
596-00569	TAG60-30TDK1-1220-WH	White (WH)	60 X 30mm	1	500
596-00570	TAG90-45TDK1-1220-WH	White (WH)	90 X 45mm	1	500
596-00571	TAG100-30TDK1-1220-WH	White (WH)	100 X 30mm	1	250
596-00572	TAG100-70TDK1-1220-WH	White (WH)	100 X 70mm	1	250

Shrinkable Wire Markers:
"Ladder Style", Thermal Transfer
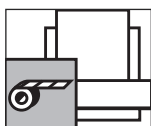
ShrinkTrak

Features and Benefits

HellermannTyton's ShrinkTrak 3:1 ratio heat shrinkable markers make it easy to identify wire and cable. The ladder-style function has been designed to enhance the user's ability to pick markers off the carrier. The side slits have been specifically designed to ensure that the wire entry gap is as large as possible whilst remaining on the carrier strip. This enables the user to quickly insert wire and cable into the marker. For a complete labelling solution, ShrinkTrak can be printed using HellermannTyton's Tagprint Pro professional label creation software, thermal transfer printers and ribbons to create a permanent print which is resistant to most solvents when shrunk and applied.
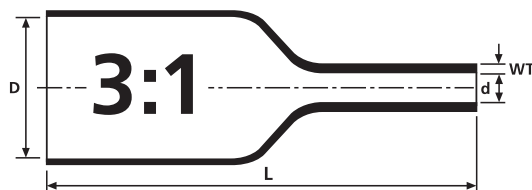

ShrinkTrak ladderstyle markers with side slits for easy application

Versatile

- Flexible, flame retardant, heat shrinkable polyolefin material is used to manufacture these easy to use markers
- 3:1 shrink ratio enables a wide range of wire sizes to be covered
- Standard colours - yellow, white and black
- Larger pack options result in less box changes

Thermal Transfer Printer

Ease of use - Step by Step Guide

Step 1
Bend liner at side slit
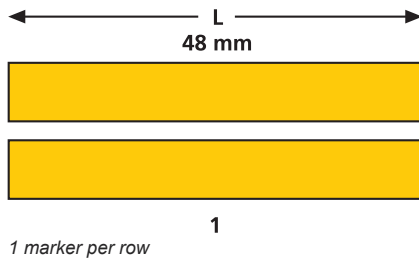
Step 2
Pull marker away from the liner

Step 3
ShrinkTrak applied

Material Data	
Material	Polyolefin, cross-linked (POX)
Colour	Black (BK), Yellow (YE), White (WH)
Shrink Ratio	3:1
Min Shrink	+90 °C
Operating	-55 °C to +135 °C
Recommended	TTRO/TTRX
Dielectric Strength	19,7 kV/mm
Certification	UL-224 as +125C, 600V (VW-1), SAEAS81531 , AMS-DTL-23053/5 Class 1 and 3, CE

Please note! Not all products listed on this page may have this approval. For product specific approvals please refer to the Appendix.

Technical Table			Markers per row	Length (L)	Pack Cont (pcs)
Article-No.	**Type**	**Colour**			
HST 3-1 (3mm supplied, 1mm recovered)					
553-50002	HST3-1WH	White (WH)	1	48	250
HST 4-8 3-1 (3mm supplied, 1mm recovered)					
553-50009	HST4.8-1.6WH	White (WH)	1	48	250
HST 6-2 3-1 (3mm supplied, 1mm recovered)					
553-50016	HST6-2WH	White (WH)	1	48	250
HST 1-2-4 (3mm supplied, 1mm recovered)					
553-500029	HST12-4	White (WH)	1	48	250

L

48 mm

1

1 marker per row

All dimensions in mm. Subject to technical changes.

TLFX

- 2:1 heat shrinkable tubing
- Halogen free
- Thin walled
- Flexible
- Available in continuous lengths as standard or semi severed in 25mm and 50mm sleeve (made to order)
- White or yellow
- Supplied flat on reels for trouble free printing
- Good resistance to acids, alkalis, oils, fuels and abrasion
- Operating temperature - -40°C to 105°C
- Recommended ribbon – TTDTHOUT/TTRX (Black), TTRW (White)

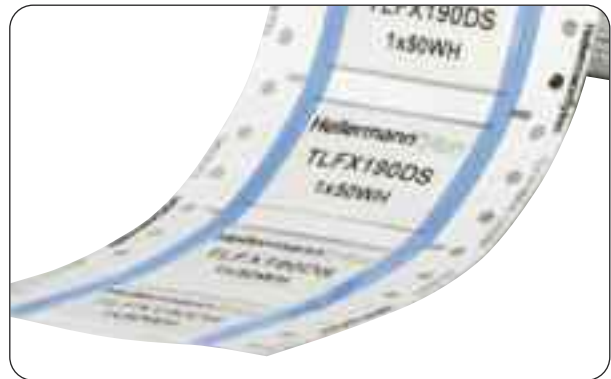| Item	Pack Qty (M)
TLFX24WH	15
TLFX24YE	15
TLFX32WH	15
TLFX32YE	15
TLFX48WH	15
TLFX48YE	15
TLFX64WH	15
TLFX64YE	15
TLFX95WH	15
TLFX95YE	15
TLFX127WH	12.5
TLFX127YE	12.5
TLFX190WH	12.5
TLFX190YE	12.5
TLFX254WH	10
TLFX254YE	10
TLFX381WH	10
TLFX381YE	10

TLFX DS

A rail approved 2:1 heatshrink marking system supplied in a ladder format that holds pre-cut markers in rows enabling users to quickly identify the correct marker and apply it to the wire. The design of the carrier has been developed to make the users job easier and quicker when removing markers and attaching it to a wire.

The 'DS' means Double Sided as you can print on both sides of the marker.

Features

- 2:1 rail approved cross-linked polyolefin heatshrink tubing for thermal transfer printers
- Colours available: White and Yellow (other colours available on request)
- Print on TrakMark DS, TT4000+ and TT430
- Recommended ribbons: TTRX or TTRC+
- Shrink Temperature (min) >90°C
- Operating Temperature: -30°C to +105°C
- Colour: White (other colours available on request)
- Specified to: ASTM E 662, CEN TS 45545-2:2009, BS-6853:1999, DIN 5510-2: 2009, DIN53438-3: 1984, EN ISO 11925-2: 2010, NF F 16-101: 1988, NF X 70-100-1:2006, NF X 70-100-2, UNI CEI 11170-3 Ed. 2005 + FA 2007

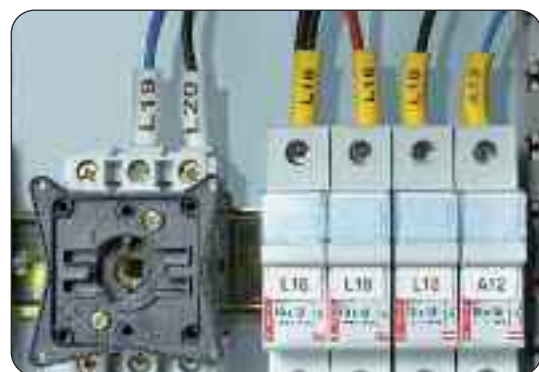| Type	Pack Qty (M)
TLFX32DS-1x50WH	5000
TLFX32DS-1x50YE	5000
TLFX48DS-1x50WH	5000
TLFX48DS-1x50YE	5000
TLFX64DS-1x50WH	3000
TLFX64DS-1x50YE	3000
TLFX95DS-1x50WH	2500
TLFX95DS-1x50YE	2500
TLFX127DS-1x50WH	1500
TLFX127DS-1x50YE	1500
TLFX190DS-1x50WH	1500
TLFX190DS-1x50YE	1500
TLFX254DS-1x50WH	1000
TLFX254DS-1x50YE	1000

TCGT

- 3:1 heat shrinkable tubing – one size covers a wide range of diameters
- General use commercial tube
- Self extinguishing
- Good mechanical strength
- Good resistance against organic solvents and chemicals
- Available in continuous lengths
- White or yellow
- Supplied flat on reels for trouble free printing
- Operating temperature - -55°C to +135°C
- CSA approved
- Recommended ribbon – TTDTHOUT/TTRX (Black), TTRW (White)

Item	Pack Qty M (Sleeves)
TCGT3-1WH	176M (8 X 22M)
TCGT3-1YE	176M (8 X 22M)
TCGT4.8-1.6WH	110M (5 X 22M)
TCGT4.8-1.6YE	110M (5 X 22M)
TCGT6-2WH	110M (5 X 22M)
TCGT6-2YE	110M (5 X 22M)
TCGT9-3WH	72M (4 X 18M)
TCGT9-3YE	72M (4 X 18M)
TCGT12-4WH	54M (3 X 18M)
TCGT12-4YE	54M (3 X 18M)
TCGT18-6WH	26M (2 X 13M)
TCGT18-6YE	26M (2 X 13M)
TCGT24-8WH	26M (2 X 13M)
TCGT24-8YE	26M (2 X 13M)

TULT

- 3:1 heat shrinkable tubing – one size covers a wide range of diameters
- Self extinguishing
- Good mechanical strength
- Good resistance against organic solvents and chemicals
- Available in continuous lengths
- White or yellow
- Supplied flat on reels for trouble free printing
- Operating temperature - -55 C to +135 C
- CSA approved
- UL224 VW1
- Recommended ribbon – TTDTHOUT/TTRX (Black), TTRW (White)

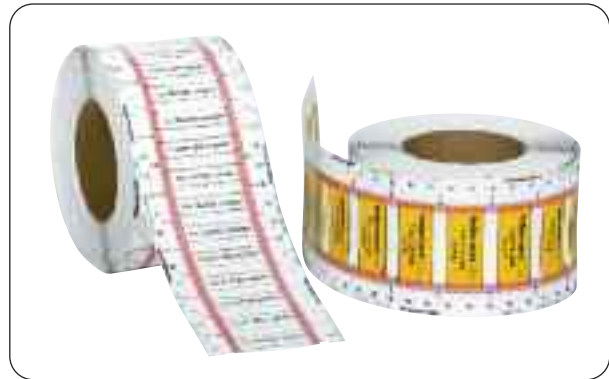| Item	Pack Qty M (Sleeves)
TULT3-1WH	176M (8 X 22M)
TULT3-1YE	176M (8 X 22M)
TULT4.8-1.6WH	110M (5 X 22M)
TULT4.8-1.6YE	110M (5 X 22M)
TULT6-2WH	110M (5 X 22M)
TULT6-2YE	110M (5 X 22M)
TULT9-3WH	72M (4 X 18M)
TULT9-3YE	72M (4 X 18M)
TULT12-4WH	54M (3 X 18M)
TULT12-4YE	54M (3 X 18M)
TULT18-6WH	26M (2 X 13M)
TULT18-6YE	26M (2 X 13M)
TULT24-8WH	26M (2 X 13M)
TULT24-8YE	26M (2 X 13M)

TULT DS

A UL and Military grade 3:1 heatshrink marking system supplied in a ladder format that holds pre-cut markers in rows enabling users to quickly identify the correct marker and apply it to the wire. The design of the carrier has been developed to make the users job easier and quicker when removing markers and attaching it to a wire.

The 'DS' means Double Sided as you can print on both sides of the marker.

Features

- 2:1 rail approved cross-linked polyolefin heatshrink tubing for thermal transfer printers
- Colours available: White and Yellow (other colours available on request)
- Print on TrakMark DS, TT4000+ and TT430
- Recommended ribbons: TTRX or TTRC+
- Shrink Temperature (min) >90°C
- Operating Temperature: -30°C to +105°C
- Colour: White (other colours available on request)
- Specified to: ASTM E 662, CEN TS 45545-2:2009, BS-6853:1999, DIN 5510-2: 2009, DIN53438-3: 1984, EN ISO 11925-2: 2010, NF F 16-101: 1988, NF X 70-100-1:2006, NF X 70-100-2, UNI CEI 11170-3 Ed. 2005 + FA 2007
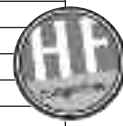

Item	Pack Qty
TULT3-1DS-1x50WH	1000
TULT3-1DS-1x50YE	1000
TULT4.8-1.6DS-1x50WH	1000
TULT4.8-1.6DS-1x50YE	1000
TULT6-2DS-1x50WH	1000
TULT6-2DS-1x50YE	1000
TULT9-3DS-1x50WH	500
TULT9-3DS-1x50YE	500
TULT12-4DS-1x50WH	500
TULT12-4DS-1x50YE	500
TULT18-6DS-1x50WH	500
TULT18-6DS-1x50YE	500
TULT24-8DS-1x50WH	250
TULT24-8DS-1x50YE	250

TIPTAG

- Printable polyolefin tags 'from the roll'
- Especially suitable for identifying large cable bundles, pipes etc
- Attached with cable ties
- Halogen free
- Low generation of toxic gases
- Low generation of corrosive acid
- Low smoke generation
- Operating temperature - -40°C to +90°C
- London Underground RSE STD 013
- White or Yellow
- Available in 11mm and 15mm height by 65mm and 100mm width
- Recommended ribbon – TTRX (Black)

Item	Reel Qty
TIPTAG11X65YE	190
TIPTAG11X65WH	190
TIPTAG11X100YE	120
TIPTAG11X100WH	120
TIPTAG15X65YE	190
TIPTAG15X65WH	190
TIPTAG15X100YE	120
TIPTAG15X100WH	120

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TIPTAG PU

Identification tags for cable bundle, continuous, thermal transfer

Features and Benefits

The exceptional print permanence of this material when used with TTRC+ ribbon gives an excellent print resistant marker able to survive in areas of harsh abrasion.

Printed text on the surface of the TIPTAG remains virtually unaffected. Should the top layer of the material be removed, a visible mark will still remain within the TIPTAG material similar to a tattoo effect.

This tattoo-like effect usually occurs after 7 days as the material gradually absorbs the ink which penetrates from the surface of the TIPTAG.

Other sizes and colours are available on request.

The printed mark has a tattoo-like permanency.

Technical Table					
Article-No.	**Type**	**Colour**	**Length (L)**	**Width (W)**	**Pack Cont**
Identification tags					
556-25010	**TTAGPU15X100YE**	Yellow (YE)	100	15	125
556-25006	**TTAGPU15X100WH**	White (WH)	100	15	125
556-25011	**TTAGPU15X65YE**	Yellow (YE)	65	15	190
556-25007	**TTAGPU15X65WH**	White (WH)	65	15	190
556-25020	**TTAGPU11X100YE**	Yellow (YE)	100	11	125
556-25021	**TTAGPU11X100WH**	White (WH)	100	11	125
556-25019	**TTAGPU11X65YE**	Yellow (YE)	65	11	190
556-25012	**TTAGPU11X65WH**	White (WH)	65	11	190

• **TIPTAG PU for high temperature**

All dimensions in mm. Subject to technical changes.

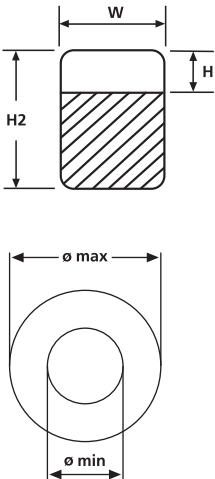## Self-laminating labels, thermal transfer

Features and Benefits

The label is ideally suited for labelling cables and pipes after cables have been connected or for rework requirements. The protective laminating foil ensures optimal protection against humidity, dirt, debris, and mechanical abrasion. The labels are supplied in a protective box that ensures labels are kept as good as new. Other colours are available on request.

For problem-free printing, we recommend Tagprint PRO software, and TT4000+ and TT430 printers.

Self-laminating labels offer an excellent protection against abrasion and environmental impact.

Material Data	
Material	**Type 1209, Vinyl (PVC), white-transparent (WH/CL)**
	-20 °C to +80 °C
Ribbons	**TTRA, TTRD**
Curing	**from 0 °C**
Adhesive	**Acrylic**
Thickness of Foil (µm)	**90**
chem. material properties	**Resistant to water, alcohol, most oils, greases, fuel, aliphatic solvents, weak acids, salts and alkalis.**

Technical Table

Article-No.	Type	Colour	Bundle Ø min.	Bundle Ø min.	Width (W)	Height (H)	Height (H2)	Width of Liner (WL)	Labels per Row	Pack
596-12091	**TAG51TD3-1209-WHCL**	White	1.35	3.0	25.40	8.80	19.05	85.0	3	5000
596-12094	**TAG24TD1-1209-WHCL**	White	3.5	7.6	50.80	12.70	36.50	55.0	1	1000
596-11209	**TAG6TD1-1209-WHCL**	White	10.0	22.2	50.80	25.40	95.25	55.0	1	500

All dimensions in mm. Subject to technical changes.

Thermal Transfer Printer

Labels for control panel identification, thermal transfer yellow

Features and Benefits

These labels can be used for both permanent and temporary labelling. They have good adhesion characteristics for most surface types, and they are ideal for use in areas such as repair and extension of control cabinets and control units. Material 1212 can be removed without leaving a sticky residue. For problem-free printing, we recommend Tagprint Pro software, TT4000+ and TT430 printers with TT822OUT ribbons.
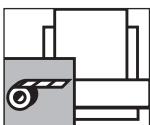

Switchgear application.

Material Data	
Material	**Type 1211, Vinyl (PVC), yellow gloss**
	Type 1212, Vinyl (PVC), yellow matt
	-20 °C to +80 °C
Curing	**from +5 °C**
Recommended	**TTRD**
Adhesive	**Acrylic**
Thickness of Foil (µm)	**83 (1211)/86 (1212)**
chem. material properties	**Resistant to water, alcohol, most oils, greases, fuel, aliphatic solvents, weak acids, salts and alkalis.**

Technical Table

Article-No.	Type	Colour	Width (W)	Height (H)	Width of Liner (WL)	Labels per Row	Pack Cont.
Thermal Transfer - Plain Labels, Material 1211							
596-21211	**TAG15-09TE-1211-**	Yellow	15.00	9.00	89.0	5	10000
596-01211	**TAG16-06TE-1211-**	Yellow	16.50	6.00	101.60	5	20000
596-31211	**TAG19-11TE-1211-**	Yellow	19.00	11.00	89.0	4	10000
596-11211	**TAG20-08TE-1211-**	Yellow	20.00	8.00	101.60	4	10000
596-41211	**TAG38-11TE-1211-**	Yellow	38.00	11.00	85.09	2	5000
596-51211	**TAG56-22TE-1211-**	Yellow	56.00	22.00	62.0	1	2000

All dimensions in mm. Subject to technical changes.

Technical Table

Article-No.	Type	Colour	Width (W)	Height (H)	Width of Liner (WL)	Labels per Row	Pack Cont.
Thermal Transfer - Plain Labels, Material 1212							
596-12122	**TAG15-09TE-1212-**	Yellow	15.00	9.00	89.0	5	10000
596-12120	**TAG16-06TE-1212-**	Yellow	16.50	6.00	101.60	5	20000
596-12123	**TAG19-11TE-1212-**	Yellow	19.00	11.00	89.0	4	10000
596-12121	**TAG20-08TE-1212-**	Yellow	20.00	8.00	101.60	4	10000
596-12124	**TAG38-11TE-1212-**	Yellow	38.00	11.00	85.09	2	5000
596-12125	**TAG56-22TE-1212-**	Yellow	56.00	22.00	62.0	1	2000

All dimensions in mm. Subject to technical changes.

Thermal Transfer Printer

Labels for control panel identification, thermal transfer white

Features and Benefits
These white labels give excellent contrast and are suitable for clear and permanent identification of control panels. Available sizes are designed to cover the needs of most manufacturers.

For problem-free printing, we recommend Tagprint Pro software, TT4000+ and TT430 printers with TT822OUT ribbons.
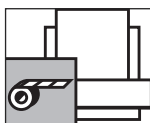
Switchgear application.

Material Data	
Material	**Type 1210, Polyart, Vinal (WH)**
Operating	**-30 °C to +60 °C**
Curing	**0 °C**
	TTRD
Adhesive	**Acrylic**
Thickness of Foil (μm)	**105**
chem. material properties	**Resistant to water, alcohol, most oils, greases, fuel, aliphatic solvents, weak acids, salts and alkalis**

Technical Table

Article-No.	Type	Colour	Width (W)	Height (H)	Width of Liner (WL)	Labels per Row	Pack Cont.
596-12147	**TAG05-08TC-1216-WH**	White (WH)	5.00	8.00	85.00	16	25000
596-12151	**TAG05-15TC-1216-WH**	White (WH)	5.00	15.00	85.00	16	25000
596-12149	**TAG06-10TC-1216-WH**	White (WH)	6.00	10.00	85.00	13	25000
596-12148	**TAG08-08TC-1216-WH**	White (WH)	8.00	8.00	85.00	10	25000
596-12150	**TAG08-10TC-1216-WH**	White (WH)	8.00	10.00	85.00	10	25000
596-12152	**TAG08-15TC-1216-WH**	White (WH)	8.00	15.00	85.00	10	25000

All dimensions in mm. Subject to technical changes.

Thermal Transfer Printer
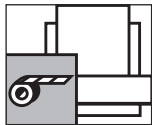
Type labels, thermal transfer (silver)

Features and Benefits

A matt silver polyester label ideally suited for use as an asset rating plate for electronic equipment such as computers, televisions, and music systems.

The temperature range is suitable for use on all electronic home and office components. The silver colour also ensures that barcode scanners easily read printed barcodes.
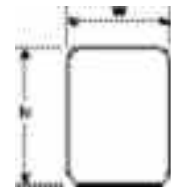
For problem-free printing, we recommend Tagprint PRO software, TT4000+ and TT430 printers with TT822OUT ribbons.

Thermal Transfer Printer

Material Data	
Material	**Type 1204, Polyester (PET) Silver (SE)**
	-40 °C to +150 °C, intermittent +200 °C
	from 0 °C
Curing	**TTRD**
Recommended	**Acrylic**
Adhesive	**55**
Thickness of Foil (µm)	**Excellent resistance to water, alcohol,**
chem. material properties	**most oils, greases, fuel, aliphatic solvents,**
	weak acids, salts and alkalis

Technical Table			Width	Height	Width of	Labels per	
Article-No.	Type	Colour	(W)	(H)	Liner (WL)	Row	Pack Cont.
596-27120	**TAG27TD2-1204**	Silver (SR)	38.10	19.05	85.09	2	5000
596-73124	**TAG73TD1-1204**	Silver (SR)	50.80	25.40	55.00	1	2000

Please note! Not all products listed on this page may have this approval. For product specific approvals please refer to the Appendix.

Warehouse labelling, thermal transfer (yellow)

Features and Benefits

For high contrast identification labelling in warehouse areas, this continuous length label material gives the user the ability to print large sized text and barcodes and cut to length after printing with either a supplied in-line cutter with the TT4000+ or by hand with the TT430. Using these products across the company ensures that all marking is to a consistent and professional standard. For problem-free printing, we recommend Tagprint PRO software, TT4000+ and TT430 printers with TT822OUT ribbons.

Warehouse labelling large enough to easily identify stores material.

Material Data	
Material	**Type 1213, Vinyl (PVC), glossy colours**
	-40 °C to +90 °C
Curing	**from +8 °C**
Recommended	**TTRD/TTRW**
Adhesive	**Acrylic**
Thickness of Foil (µm)	**66**

Technical Table						
Article-No.	Type	Colour	Width (W)	Width of Liner (WL)	Labels per Row	Pack Cont.
596-03103	**TAGR4TD1-1213-YE**	Yellow	25.0	25.0	1	50,0
596-12167	**TAG108TD1-1213-YE**	Yellow	40.0	40.0	1	50,0
596-12169	**TAGR1TD-1213-YE**	Yellow	101.6	101.6	1	30,5

All dimensions in mm. Subject to technical changes.

Pipe Marking
Thermal Transfer Labels
(yellow/green & white)

Features and Benefits

Continuous length label material in a range of high visibility colours gives the user the ability to print large sized text and barcodes for use in industrial pipe marking areas. The label can be cut to length after printing with a supplied in-line cutter with the TT4000+ or by hand with the TT430. Using these products across the company ensures that all marking is to a consistent and professional standard.

For problem-free printing, we recommend Tagprint PRO software, TT4000+ and TT430 printers. Use ribbon TTRD for yellow and white material, and ribbon TTRW for green and red material.

Large and highly visible pipe marking.

Material Data

Material Data	
Material	**Type 1213, Vinyl (PVC), glossy colours**
	-40 °C to +90 °C
Curing	**from +8 °C**
Recommended	**TTRD/TTRW**
Adhesive	**Acrylic**
Thickness of Foil (µm)	**66**

Technical Table

Article-No.	Type	Colour	Width (W)	Reel Length (M)
596-03103	**TAGR4TD1-1213-YE**	Yellow	25.0	50
596-12167	**TAG108TD1-1213-YE**	Yellow	40.0	50
596-12169	**TAGR1TD-1213-YE**	Yellow	101.6	30.5

All dimensions in mm. Subject to technical changes.

Ribbons

- Specially formulated to match TIPS printable products
- Durable, permanent marks
- Cost effective widths available
- Available in black and white ink
- Value 300m rolls

Item	Reel Qty	Colour
TTRD 100MM	300m	Black
TTRW 30MM	300m	White
TTRW60MM	300m	White
TTRW 100MM	300m	White
TTDTHOUT/TTRX 40MM	300m	Black
TTDTHOUT/TTRX 60MM	300m	Black
TTDTHOUT/TTRX 100MM	300m	Black

A comprehensive range of self-adhesive plain, self-laminating and tamper proof labels are available, all of which can be printed on using the TT4000+ or TT430 printer.

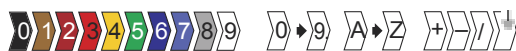Please ask for our full catalogue for further details.

Helagrip Chevron Cut

Helagrip is the ideal wire and cable identification solution. Our indelible printing technology and high grade PVC material ensures that Helagrip is the best expandable marker system available. Our special chevron cut ensures that the markers lock together and this, in conjunction with our specially designed profile, enables a wide range of cable sizes to be identified with a single marker. The standard PVC material is ideal for everyday use.

Applications

General Panel Building, Mass Transit, Telecommunications, Utilities.

Helagrip Reels				
Reel Qty.		1000	1000	250
Mark	Colour	1-3mm	2-5mm	4-9mm
0	Black or Black/White	HGDC1-3/0	HGDC2-5/0	HGDC4-9/0
1	Brown or Black/White	HGDC1-3/1	HGDC2-5/1	HGDC4-9/1
2	Red or Black/White	HGDC1-3/2	HGDC2-5/2	HGDC4-9/2
3	Orange or Black/White	HGDC1-3/3	HGDC2-5/3	HGDC4-9/3
4	Yellow or Black/White	HGDC1-3/4	HGDC2-5/4	HGDC4-9/4
5	Green or Black/White	HGDC1-3/5	HGDC2-5/5	HGDC4-9/5
6	Blue or Black/White	HGDC1-3/6	HGDC2-5/6	HGDC4-9/6
7	Violet or Black/White	HGDC1-3/7	HGDC2-5/7	HGDC4-9/7
8	Grey or Black/White	HGDC1-3/8	HGDC2-5/8	HGDC4-9/8
9	White or Black/White	HGDC1-3/9	HGDC2-5/9	HGDC4-9/9
A	*Black/White or Black/Yellow	HGDC1-3/A	HGDC2-5/A	HGDC4-9/A
B	*Black/White or Black/Yellow	HGDC1-3/B	HGDC2-5/B	HGDC4-9/B
C	*Black/White or Black/Yellow	HGDC1-3/C	HGDC2-5/C	HGDC4-9/C
D	*Black/White or Black/Yellow	HGDC1-3/D	HGDC2-5/D	HGDC4-9/D
E	*Black/White or Black/Yellow	HGDC1-3/E	HGDC2-5/E	HGDC4-9/E
F	*Black/White or Black/Yellow	HGDC1-3/F	HGDC2-5/F	HGDC4-9/F
G	*Black/White or Black/Yellow	HGDC1-3/G	HGDC2-5/G	HGDC4-9/G
H	*Black/White or Black/Yellow	HGDC1-3/H	HGDC2-5/H	HGDC4-9/H
I	*Black/White or Black/Yellow	HGDC1-3/I	HGDC2-5/I	HGDC4-9/I
J	*Black/White or Black/Yellow	HGDC1-3/J	HGDC2-5/J	HGDC4-9/J
K	*Black/White or Black/Yellow	HGDC1-3/K	HGDC2-5/K	HGDC4-9/K
L	*Black/White or Black/Yellow	HGDC1-3/L	HGDC2-5/L	HGDC4-9/L
M	*Black/White or Black/Yellow	HGDC1-3/M	HGDC2-5/M	HGDC4-9/M
N	*Black/White or Black/Yellow	HGDC1-3/N	HGDC2-5/N	HGDC4-9/N
O	*Black/White or Black/Yellow	HGDC1-3/O	HGDC2-5/O	HGDC4-9/O
P	*Black/White or Black/Yellow	HGDC1-3/P	HGDC2-5/P	HGDC4-9/P
Q	*Black/White or Black/Yellow	HGDC1-3/Q	HGDC2-5/Q	HGDC4-9/Q
R	*Black/White or Black/Yellow	HGDC1-3/R	HGDC2-5/R	HGDC4-9/R
S	*Black/White or Black/Yellow	HGDC1-3/S	HGDC2-5/S	HGDC4-9/S
T	*Black/White or Black/Yellow	HGDC1-3/T	HGDC2-5/T	HGDC4-9/T
U	*Black/White or Black/Yellow	HGDC1-3/U	HGDC2-5/U	HGDC4-9/U
V	*Black/White or Black/Yellow	HGDC1-3/V	HGDC2-5/V	HGDC4-9/V
W	*Black/White or Black/Yellow	HGDC1-3/W	HGDC2-5/W	HGDC4-9/W
X	*Black/White or Black/Yellow	HGDC1-3/X	HGDC2-5/X	HGDC4-9/X
Y	*Black/White or Black/Yellow	HGDC1-3/Y	HGDC2-5/Y	HGDC4-9/Y
Z	*Black/White or Black/Yellow	HGDC1-3/Z	HGDC2-5/Z	HGDC4-9/Z
+	*Black/White or Black/Yellow	HGDC1-3/+	HGDC2-5/+	HGDC4-9/+
-	*Black/White or Black/Yellow	HGDC1-3/-	HGDC2-5/-	HGDC4-9/-
/	*Black/White or Black/Yellow	HGDC1-3//	HGDC2-5//	HGDC4-9//
⊥	*Black/White or Black/Yellow	HGDC1-3/⊥	HGDC2-5/⊥	HGDC4-9/⊥

* Please specify which colour when ordering Black/White or Black/Yellow

Helagrip Chevron Cut - Helagrip Kits

Helagrip Kit			
Reference	Cable Range in mm	Marker Length	Marker Quantity
HGPC1-3-Kit	1.0 – 3.0	3.5	18 x 250
HGPC2-5-Kit	2.0 – 5.0	3.5	18 x 250

Kit Contents. Chevron Cut.

0 1 2 3 4 5 6 7 8 9   L N R S T + –

Helagrip Cassette				
Reference	Cable Range in mm	Marker Length	Marker Quantity	Included Applicator Tool
HGCC1-3	1.0 – 3.0	3.5	24 x 25	TJC1-3
HGCC2-5	2.0 – 5.0	3.5	20 x 25	TJC2-5

Kit Contents. Chevron Cut.

0 1 2 3 4 5 6 7 8 9   A L N R + –

Helagrip Thimble Jig - Applicator Tool

The PTFE coated applicator tools are designed for use with Helagrip. The coating ensures that the markers can be slipped onto the wire with minimum effort.

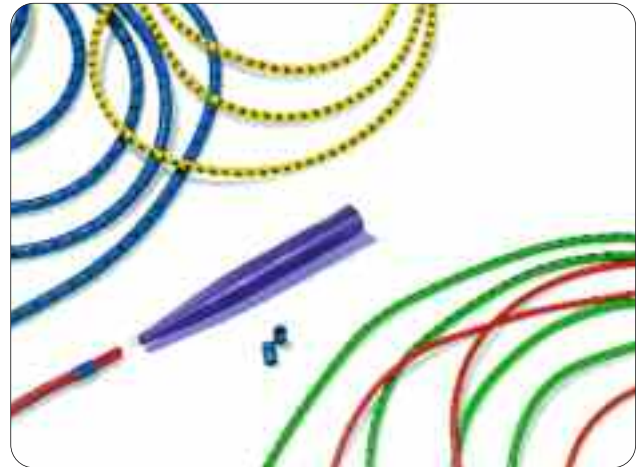| Thimble Jig		
Reference	Marker Type	Pack Qty
TJC 1-3	HG 1-3	1
TJC 2-5	HG 2-5	1
TJC 4-9	HG 4-9	1

P Thin Wall PVC Markers

Features

These high grade PVC markers have a thin wall which makes them ideal for identifying wire in areas where space is at a premium. The thin wall also ensures that the product is flexible, thus making installation easier. Since the PU range has a thin wall, the product is also lighter than other wire markers. In order to facilitate the application of a single mark or series of markers, a range of TJC applicator tools is available.
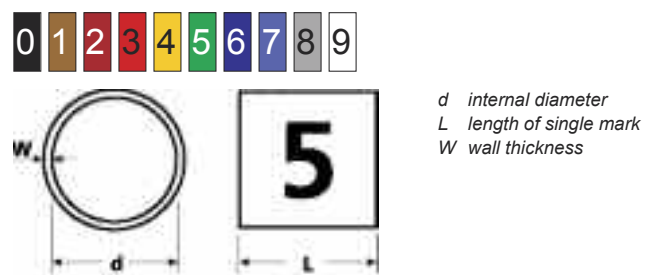
Applications

For close density wiring applications where the thin wall section takes up the minimum amount of space.

For areas where space and weight saving is required.

d   internal diameter
L   length of single mark
W   wall thickness

Unicut Markers P	
Material	PVC
Colours	international resistor colour code 0-9
Temperature	-65°C to +105°C, intermittent 135°C
Material Specification	UL224, BS-3858-Type 3, IEC 304

P Thin Wall PVC Markers

Semi Severed Reference	d mm	Wall Thickness mm	Length mm	Pack Qty	Recommended Tool
P10	1.00	0.35	3.0	500	TJC00
P12	1.20	0.35	3.0	500	TJC00
P15	1.50	0.35	3.0	500	TJC 1-3
P20	2.00	0.35	5.0	500	TJC 2-5
P25	2.50	0.35	5.0	500	TJC 2-5
P30	3.00	0.35	5.0	500	TJC 3-7
P40	4.00	0.35	5.0	500	TJC 4-9
P55	5.50	0.35	5.0	1000	-

Applicator Tool

Reference	Marker	Pack Qty
TJC1-3	For P15	1
TJC2-5	For P20	1
TJC2-5	For P25	1
TJC4-9	For P40	1

Ovalgrip Markers

Features

Ovalgrip can either be used directly onto the wire as a pre wire-termination marker, or used in conjunction with Arrow Tags and cable ties as a post termination marking system. Ovalgrip is available semi-severed, straight cut on reels as standard.

Ovalgrip Markers Straight Cut HOBS	
Material	PVC
Colours	white, yellow, international resistor colour code, 0 – 9, A – Z, +, –, /,
Temperature	-65°C to +105°C, intermittent +135°C
Material Specification	UL224, BS-2782-540B, IEC 304

LFHO	
Material	Polyolefin
Colours	Yellow 0-9, A-Z, +, -, /,
Temperature	-40°C to +90°C, intermittent +120°C
Flammability	Zero Halogen, low smoke and Toxicity
Material Specification	RSE/STD/013

A simple idea for complex marking solutions.

`0 ▸ 9` `A ▸ Z` `+` `−` `/`

Black/White Markers		
Pack Qty. Mark	Colour	100 2.5 - 6mm
0	Black/White	HOBS85/0
1	Black/White	HOBS85/1
2	Black/White	HOBS85/2
3	Black/White	HOBS85/3
4	Black/White	HOBS85/4
5	Black/White	HOBS85/5
6	Black/White	HOBS85/6
7	Black/White	HOBS85/7
8	Black/White	HOBS85/8
9	Black/White	HOBS85/9
A	Black/White	HOBS85/A
B	Black/White	HOBS85/B
C	Black/White	HOBS85/C
D	Black/White	HOBS85/D
E	Black/White	HOBS85/E
F	Black/White	HOBS85/F
G	Black/White	HOBS85/G
H	Black/White	HOBS85/H
I	Black/White	HOBS85/I
J	Black/White	HOBS85/J
K	Black/White	HOBS85/K
L	Black/White	HOBS85/L
M	Black/White	HOBS85/M
N	Black/White	HOBS85/N
O	Black/White	HOBS85/O
P	Black/White	HOBS85/P
Q	Black/White	HOBS85/Q
R	Black/White	HOBS85/R
S	Black/White	HOBS85/S
T	Black/White	HOBS85/T
U	Black/White	HOBS85/U
V	Black/White	HOBS85/V
W	Black/White	HOBS85/W
X	Black/White	HOBS85/X
Y	Black/White	HOBS85/Y
Z	Black/White	HOBS85/Z

`0 ▸ 9` `A ▸ Z` `+` `−` `/`

Black/Yellow Markers		
Mark	Colour	Reel of 1000 2.5 - 6mm
0	Black/Yellow	HODS85/0
1	Black/Yellow	HODS85/1
2	Black/Yellow	HODS85/2
3	Black/Yellow	HODS85/3
4	Black/Yellow	HODS85/4
5	Black/Yellow	HODS85/5
6	Black/Yellow	HODS85/6
7	Black/Yellow	HODS85/7
8	Black/Yellow	HODS85/8
9	Black/Yellow	HODS85/9
A	Black/Yellow	HODS85/A
B	Black/Yellow	HODS85/B
C	Black/Yellow	HODS85/C
D	Black/Yellow	HODS85/D
E	Black/Yellow	HODS85/E
F	Black/Yellow	HODS85/F
G	Black/Yellow	HODS85/G
H	Black/Yellow	HODS85/H
I	Black/Yellow	HODS85/I
J	Black/Yellow	HODS85/J
K	Black/Yellow	HODS85/K
L	Black/Yellow	HODS85/L
M	Black/Yellow	HODS85/M
N	Black/Yellow	HODS85/N
O	Black/Yellow	HODS85/O
P	Black/Yellow	HODS85/P
Q	Black/Yellow	HODS85/Q
R	Black/Yellow	HODS85/R
S	Black/Yellow	HODS85/S
T	Black/Yellow	HODS85/T
U	Black/Yellow	HODS85/U
V	Black/Yellow	HODS85/V
W	Black/Yellow	HODS85/W
X	Black/Yellow	HODS85/X
Y	Black/Yellow	HODS85/Y
Z	Black/Yellow	HODS85/Z

0 1 2 3 4 5 6 7 8 9

Colour Coded Markers

Mark	Colour	1000 2.5 - 6mm
0	Black	HODS85/0
1	Brown	HODS85/1
2	Red	HODS85/2
3	Orange	HODS85/3
4	Yellow	HODS85/4
5	Green	HODS85/5
6	Blue	HODS85/6
7	Violet	HODS85/7
8	Grey	HODS85/8
9	White	HODS85/9

Ovalgrip Markers Kit - Straight Cut

Reference	Dimensions	Marker Length	Qty Per Reel	Recommended Carrier	No of Marks Per Carrier
HOPS85 KIT	2.5 - 6.0	4.5	18 x 125	AT2/AT3	8/14

Kit contents

0 1 2 3 4 5 6 7 8 9 L N R S T + – ⊥

All dimensions are in mm and are subject to technical modification.
A handy rack is also available.

Arrow Tags AT

Features

The range of Arrow Tags is suitable for use after wire termination has taken place, and can be mounted with Ovalgrip Cable Markers or written on by hand using an indelible ink.
The Arrow Tags are fixed onto the wire or cable bundle with cable ties (maximum cable tie width is 7.5mm).

Identification Arrow Tags AT

Material	PA66
Colours	Natural (NL) and Black (BK)
Temperature	-40°C to +85°C, intermittent 105°C
Flammability	UL94 V2

A simple and quick marking method.

L length
B width

Arrow Tag AT3   *Arrow Tag AT2*

Identification Arrow Tags AT

Reference	L	B	Maximum Cable Tie Width	Maximum Markers	Colour NL	Colour BK	Pack Quantity
AT2	63.0	9.0	6.0	8	•	•	100
AT3	100.0	9.0	6.0	14	•	•	100

Identification Arrow Tags AT

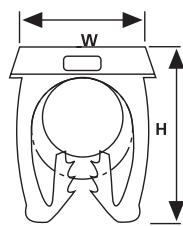| Reference	Length	Width		Suitable C/Ties	Pack Qty
IT1	44	19	N/A	2 x T50 Series	100

WIC Clip-On Markers

The new easy to use WIC clip-on cable marker is ideal for both pre and post termination marking. WIC's (Wire Identification Clip) uniquely strong gripping profile ensures that the marker stays in place even under the most arduous of conditions.

- Easy to apply with or without the WICTOOL
- Only 3 sizes need to cover cables from 0.5mm - 6.0mm^2
- Each WIC marker interlocks with the next to form perfectly aligned multi-mark codes
- Unique WICTOOL makes application easy especially in confined spaces.
- Markers are supplied loaded into a handy pocket sized dispenser.
- Manufactured from high grade PA66 for excellent mechanical strength and chemical resistance.
- Individual letters / numbers in yellow to special order only

Product Reference	Cable Diameter Range mm	Cable size Range mm^2
WIC1	2.0 - 2.8	0.5 - 1.5
WIC2	2.8 - 3.8	1.5 - 2.5
WIC3	4.3 - 5.3	4.0 - 6.0

Number and letter combinations available in kit form See page ??.

0 1 2 3 4 5 6 7 8 9

WIC Markers		1000	1000	500
Box Qty.				
Mark	Colour	0.5 - 1.5mm	1.5 - 2.5mm	4-6mm
0	Black	W1/0	W2/0	W3/0
1	Brown	W1/1	W2/1	W3/1
2	Red	W1/2	W2/2	W3/2
3	Orange	W1/3	W2/3	W3/3
4	Yellow	W1/4	W2/4	W3/4
5	Green	W1/5	W2/5	W3/5
6	Blue	W1/6	W2/6	W3/6
7	Violet	W1/7	W2/7	W3/7
8	Grey	W1/8	W2/8	W3/8
9	White	W1/9	W2/9	W3/9

WIC Materials Information	
Material	PA66
Colours	Yellow material and Colour Code
	White material on special request
Temperature	-40°C to +85°C, intermittent +105°C
Flammability	Meets UL94 V0
Material Specification	Colours meet IEC304 and EN60062

WIC Tool	
Reference	Pack Qty
W1 220	1

WIC Clip-On Marker Kits

• Kits available from stock

WIC Materials Information	
Material	PA66
Colours	Yellow material and Colour Code
	White material on special request
Temperature	-40°C to +85°C, intermittent +105°C
Flammability	Meets UL94 V0
Material Specification	Colours meet IEC304 and EN60062

WIC Clip-On Marker Kits		
Reference	Contents	Pack Qty
Colour Coded		
W1-270 Red Dispenser	1 box of 5 dispensers each containing 10 strips of 20 marks 0-9 colour Coded 0.5mm-1.5mm	1000
W2-270 Blue Dispenser	1 box of 5 dispensers each containing 10 strips of 20 marks 0.9 colour Coded 1.5mm-2.5mm	1000
W3-270 Yellow Dispenser	1 box of 5 dispensers each containing 10 strips of 20 marks 0.9 colour Coded 4mm-6mm	500
Letters Black on Yellow		
W1-272	W1 AELNRST + IQ packed as above Black on Yellow	1000
W1-273	W1 BCUVWPDFIM Black on Yellow	1000
W1-274	W1 GHYZOQJKXL Black on Yellow	1000
W2-272	W2 AELNRST + IQ packed as above Black on Yellow	1000
W2-273	W2 BCUVWPDFIM Black on Yellow	1000
W2-274	W2 GHYZOQJKXL Black on Yellow	1000
W3-272	W3 AELNRST + IQ packed as above Black on Yellow	500
W3-273	W3 BCUVWPDFIM Black on Yellow	500
W3-274	W3 GHYZOQJKXL Black on Yellow	500

RiteOn® Label Dispenser
Self Laminating Labels

This practical label dispenser provides a simple, handy method for identifying cables and wires. It is ideally suited for pre-assembly marking or for repairs in the field. RiteOn® self adhesive labels consist of a printable area on which the mark is written and a self-laminating portion which protects the mark.

Characteristics
The RiteOn® label dispenser is ideal for the production of simple cable markers, on site repair operations, temporary marking or prototyping. The refillable dispenser is designed to aid the user to produce hand written inscriptions neatly and quickly anywhere.

Application
Using a marker pen (supplied in the starter pack), the desired inscription is written onto the white portion of the label displayed in the window. The label is ejected from the front of the dispenser by pulling the backing tape.

Typical Applications
RiteOn® labels are used in Telecommunication, Automotive applications, for marking PC cables, sports equipment and laboratory apparatus.

With the aid of the marking pen supplied in the starter pack, rapid identification marking on site is possible.
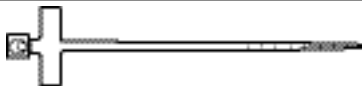
RiteOn® Identification Marking Labels

Material	Type 100, self laminating labels
Colour	Inscription field red (RD), orange (OE), yellow (YW), green (GN), blue (BE), white (WE)
Operating Temp.	-40°C to +80 °C
Adhesive Base	Acrylic
Properties	Non-shrinking, aging resistant

Starter Kit includes - 1 x RO202, 1 x CB/CTL/BLACK

Self Laminating Labels

Reference	Description	A	B	C	Labels Per Roll	Pack Qty
SPRO200-WH	Starter pack	19.1	12.7	50.8	150	1
RO201	Dispenser & Markers	12.7	12.7	38.1	200	1
RO201REF	Refill pack	12.7	12.7	38.1	200	1
RO202	Dispenser & Markers	19.1	12.7	50.8	150	1
RO202REF	Refill pack	19.1	12.7	50.8	150	1
RO203	Dispenser & Markers	19.1	25.4	76.2	100	1
RO203REF	Refill pack	19.1	25.4	76.2	100	1

Standard colour White (WE), others available on request.

Marker Pens

Reference	Description	Pens Per Pack
CB/CTL/BLACK	RiteOn® permanent marker pen	1

Marker pen

Ordering Example: R0201-BE

Colour

Part number

Colour Options

Colour
Red (RD)
Orange (OE)
Yellow (YW)
Green (GN)
Blue (BE)
White (WE)

A Label width
B Height of markable area
C Label height

*RiteOn®
Self-laminating labels*

Marker Dispenser
5mm wide adhesive vinyl cloth markers printed black on white, supplied in roll form of 2.4m per roll.

• Refills available 0-9, A-Z

Marker Dispenser

Reference	Description	Pack Qty
MT1	Dispenser 10 Rolls 0-9	1
MTRK	Refill Kit 0-9	1

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Identification Cable Ties

- HellermannTyton I.D. Ties will both bundle and identify in one operation
- Larger sizes of ties and tags can be pre-printed, telephone our Sales Hotline for further information
- Marking by indelible marker pen or hot foil printing
- Material - PA66
- Colour - natural

Identification Cable Ties

Reference	Length mm	Width mm	Flag Area mm	Bundle Diameter mm	Pack Qty
IT18R	100	2.3	25 x 8	22	100
ITI8FL	110	2.5	20.5 x 9	19	100
IT50R	203	4.6	28 x 12.9	44.5	100
IT50L	390	4.7	56 x 12.8	100	100
IT50RD	205	4.7	29 x 26.3	44	50
IT50RT	205	4.7	46 x 26.3	44	50

HellermannTyton can offer customised printing on any of the above ties, please call our customer service department for further details. For our range of standard printed cable ties please see page 211, section 4.5.

Please see page 209 for details of the marker pen to be used with the above Identification Ties.

Printed Ties for General ID Purposes

- Easily identify cables, pipes, tools and equipment
- Custom printed to your requirements
- Manufactured from Virgin Grade PA66 material
- Available in various colours
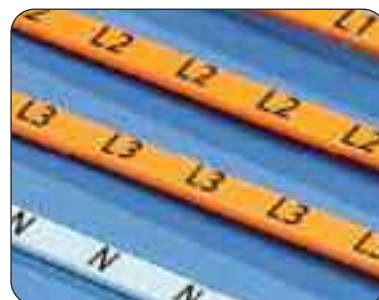- Other sizes available on request
- MOQ of 5000 applicable

Printed Identification Ties

Reference	Description	Length	Width	Printable Area	Pack Qty
T50RPRN	Printed Tie	200mm	4.6mm	100mm	1000
LK2APRN	Printed Tie	275mm	4.6mm	200mm	1000

Printed Ties for Metering Installation

A range of printed ties specifically designed for meter installations.

Available ties are:

- Light Blue Printed N
- Dark Blue Printed N
- Orange Printed L
- Orange Printed L1
- Orange Printed L2
- Orange Printed L3
- Brown Printed L1
- Brown Printed L2
- Brown Printed L3
- MOQ applies

Meter Ties

Reference	Description	Length	Width	Pack Qty
T50RPRN.N1904	Light Blue Meter Tie Printed N	200mm	4.6mm	1000
T50RPRN.NL920	Dark Blue Meter Tie Printed N	200mm	4.6mm	1000
T50RPRN.N9900	Orange Meter Tie Printed L	200mm	4.6mm	1000
T50RPRN.N9901	Orange Meter Tie Printed L1	200mm	4.6mm	1000
T50RPRN.N9902	Orange Meter Tie Printed L2	200mm	4.6mm	1000
T50RPRN.N9903	Orange Meter Tie Printed L3	200mm	4.6mm	1000
T50RPRN.NA921	Brown Meter Tie Printed L1	200mm	4.6mm	1000
T50RPRN.NA922	Brown Meter Tie Printed L2	200mm	4.6mm	1000
T50RPRN.NA923	Brown Meter Tie Printed L3	200mm	4.6mm	1000

Printed Ties to Identify Vibration Risk

• For use on power tools & other equipment
• Identifies 3 Risk Levels, Low, Medium & High
• Custom printed to your specific requirements
• Available in Red, Blue, Green, Yellow & Orange
• MOQ applicable

Printed Ties to Identify Vibration Risk						
Reference	Description	Length	Width	Printable Area	Pack Qty	Carton Qty
T120RPRN	Printed Tie	380mm	7.6mm	180mm	100	1000

Printed Fluorescent Ties

• Easily identify tools and equipment
• Custom printed to your requirements
• Manufactured from Virgin Grade PA66 material
• Available in fluorescent Orange or Yellow
• MOQ applicable

Printed Fluorescent Ties						
Reference	Description	Length	Width	Printable Area	Pack Qty	Carton Qty
T120IPRN	Printed Tie	300mm	7.6mm	180mm	100	1000

Pull Tight Security Seal

- Suitable for fire doors & fire extinguishers
- Safe deposit boxes
- Coin boxes
- Moulded in high grade polypropylene
- Supplied in mats of 10
- Available with a sequential serial number if required
- Customised printing available at extra cost. MOQ will apply

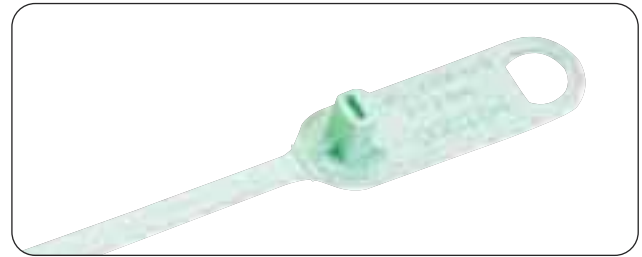| Pull Tight Security Seal							
Reference	Description	Length mm	Width mm	Flag length mm	Flag Width mm	Printable Area mm	Pack Qty
PTSK	Pull Tight Seal	195	2.4	40	19.5	32	2000

Pull Tight Security Seal

- 220mm long
- Suitable for transportation
- Postal bags
- Roll cages
- Moulded in high grade polypropylene
- Customised printing available at extra cost. MOQ will apply

Pull Tight Security Seal							
Reference	Description	Length mm	Width mm	Flag length mm	Flag Width mm	Printable Area mm	Pack Qty
PTSK2	Pull Tight Seal 220mm	220	8	85	27	50	1000

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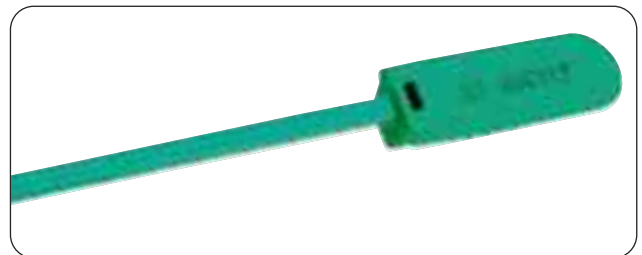
Pull Tight Security Seals

- 350mm long
- Suitable for postal bags
- Security containers
- Transportation
- Moulded in high grade polypropylene
- Customised printing available at extra cost. MOQ will apply

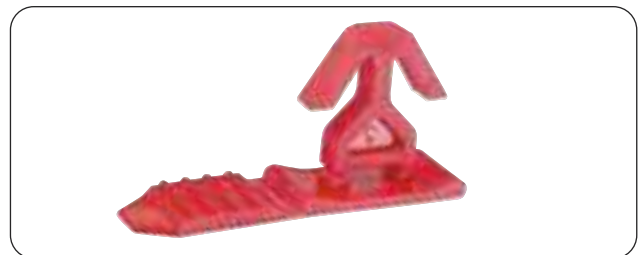| Pull Tight Security Seal							
Reference	Description	Length mm	Width mm	Flag length mm	Flag Width mm	Printable Area mm	Pack Qty
PTSK3	Pull Tight Seal 350mm	350	8	85	27	50	1000

Fixed Length Security Seal

- 200mm long
- Suitable for vehicle doors
- Roll cages
- Tankers
- Made in high grade polypropylene
- Customised printing available at extra cost. MOQ will apply

Fixed Length Security Seal							
Reference	Description	Length mm	Width mm	Flag length mm	Flag Width mm	Printable Area mm	Pack Qty
FLSK	Fixed Length Seal	200	5.9	55	19.5	50	1000

Pluglok Security Closure

- For use with attached lid distribution containers
- Easy application and removal giving considerable time savings
- Manufactured in high grade polypropylene
- Available in 4 sizes to suit most popular box types

Pluglok Security Closure		
Reference	Description	Pack Qty
PLS10	Pluglok Security Closure	1000