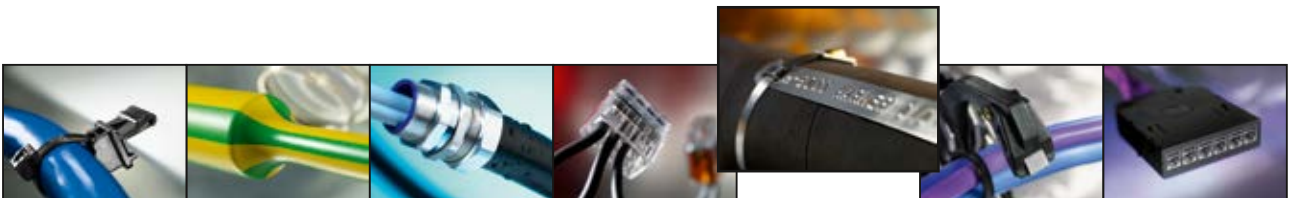


## Security Products

A high quality range of printed ties and plastic seals





## A high quality range of printed ties and plastic seals



### Securely identify with us

HellermannTyton uses the latest print and moulding technologies to ensure you the best possible custom print on our standard range of security cable ties and seals.

We can also fulfil your specialised requirements for security products. Our designers and engineers understand your security scenarios and can help you develop the ideal bespoke products.

Challenge us to identify your applications securely!



## Laser beam printing

### Extreme print resistance

- Pre-marked to customer requirements
- Very good character legibility
- "Burnt in" text resists very high weathering and UV light
- Excellent resistance to a variety of hydrocarbons, chemicals, acids and alkalis

## Thermal transfer printing

### High definition graphics

- Pre-marked to customer requirements
- Excellent character legibility
- Ability to print barcodes and complex graphics
- Text in black or white

For further information on thermal transfer and laser beam printing please see page 11.





### Custom printed plastic cable ties

#### • T-Ties

HellermannTyton provides a simple cost effective solution whether to identify pipes for example with GAS or WATER or cables, with LIVE or NEUTRAL. The most popular printed ties are sequentially numbered and used to provide traceability and an audit trail for sealing bags that may contain anything from waste paper, that is waiting to be shredded, to bags containing clinical waste in hospitals. These ties can also be custom printed to include a company name, location or specific department.

The products are provided to clients in the following areas: utility companies, healthcare food processing, agriculture, hire shops and companies carrying out servicing and calibration.

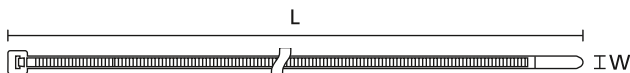


T-Series and LK-Series.

#### Features and Benefits


- Ideal for use in an audit trail, calibration dates, and indicator of rejected
- Easy to apply, simple insertion and tightening of the printed tie
- Products are printed using either a laser beam or thermal transfer offset print system
- Laser beam printing is ideal for print durability
- Thermal transfer offset printing is ideal for high definition graphics
- Excellent character legibility
- Print jobs and graphics can be transmitted electronically

**Material specification please see page 11.**



T-Series.



TYPE	Bundle Ø min.	Bundle Ø max.	Width (W)	Length (L)		Material	Colour	Pack Cont.	Article-No.
T50RPRN	1.5	50.0	4.6	200.0	225	PA66	Yellow (YE)	100	137-00151
	1.5	50.0	4.6	200.0	225	PA66	Orange (OG)	100	137-00148
	1.5	50.0	4.6	200.0	225	PA66	Light Blue (LTBU)	100	137-00154
	1.5	50.0	4.6	200.0	225	PA66	Black (BK)	100	137-00150

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



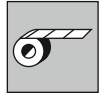
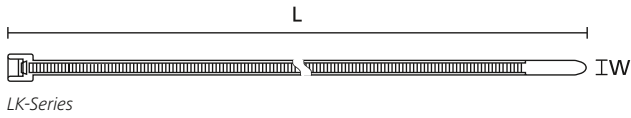
TYPE	Bundle Ø min.	Bundle Ø max.	Width (W)	Length (L)		Material	Colour	Pack Cont.	Article-No.
T50RPRN	1.5	50.0	4.6	200.0	225	PA66	Light Blue (LTBU)	100	137-00122
	1.5	50.0	4.6	200.0	225	PA66	Red (RD)	100	137-00090
	1.5	50.0	4.6	200.0	225	PA66	Dark Green (DKGN)	100	137-00121
	1.5	50.0	4.6	200.0	225	PA66	Brown (BN)	100	137-00092
	1.5	50.0	4.6	200.0	225	PA66	Blue (BU)	100	137-00093
	1.5	50.0	4.6	200.0	225	PA66	Natural (NA)	100	137-00091
	1.5	50.0	4.6	200.0	225	PA66	Grey (GY)	100	137-00096
	1.5	50.0	4.6	200.0	225	PA66	Violet (VT)	100	137-00099
	1.5	50.0	4.6	200.0	225	PA66	Green (GN)	100	137-00094
	1.5	50.0	4.6	200.0	225	PA66	Orange (OG)	100	137-00095
	1.5	50.0	4.6	200.0	225	PA66	Yellow (YE)	100	137-00098
	1.5	50.0	4.6	200.0	225	PA66	Black (BK)	100	137-00097


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



## Custom printed plastic cable ties

- LK-Ties



TYPE	Bundle Ø min.	Bundle Ø max.	Width (W)	Length (L)		Material	Colour	Pack Cont.	Article-No.
LK2APRN	5.0	73.0	4.6	270.0	225	PA66	Black (BK)	100	137-00140
	5.0	73.0	4.6	270.0	225	PA66	Orange (OG)	100	137-00144
	5.0	73.0	4.6	270.0	225	PA66	Green (GN)	100	137-00141
	5.0	73.0	4.6	270.0	225	PA66	Natural (NA)	100	137-00143
	5.0	73.0	4.6	270.0	225	PA66	Natural (NA)	100	137-00126
	5.0	73.0	4.6	270.0	225	PA66	Natural (NA)	100	137-00138
	5.0	73.0	4.6	270.0	225	PA66	Blue (BU)	100	137-00142

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

**Material specification please see page 11.**



### Identification ties and plates for marking cable bundles

- **IT-Ties**

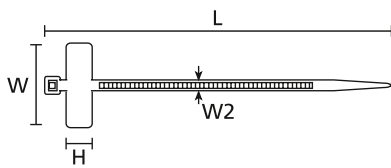
One of the major benefits is the ability to both secure and identify cable bundles at different times.

#### Features and Benefits

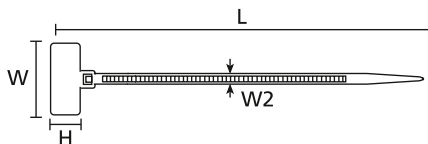
- Large "flag area" at the head of the tie for printing needs
- Print directly onto the flag (WxH) using state of the art thermal transfer direct print technology
- For simple identification and securing of cable bundles in one step
- Print jobs and graphics can be transmitted electronically



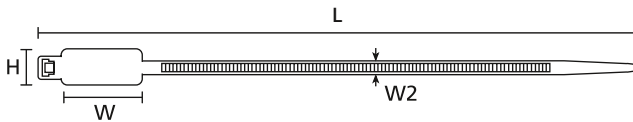
IT-ties.



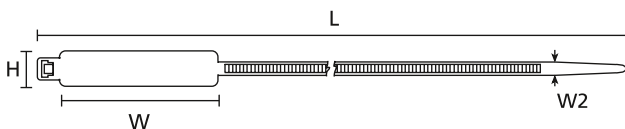
IT18R



IT18FL

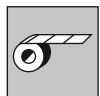


IT50R



IT50L

<b>MATERIAL</b>	Polyamide 6.6 (PA66)
<b>Operating Temperature</b>	-40 °C to +85 °C, (+105 °C, 500 h)
<b>Flammability</b>	UL94 V2
<b>Specifications</b>	UL-Recognised



TYPE	Bundle Ø min.	Bundle Ø max.	Width (W)	Height (H)	Length (L)	Width (W2)		Recommended Labels	Material	Colour	Pack Cont.	Article-No.
IT18FLPRN	1.5	16.0	20.5	9.0	110.0	4.5	80	TAG18-07TD1	PA66	Natural (NA)	100	137-00164
IT18RPRN	6.0	16.0	25.0	8.0	100.0	2.5	80	TAG23-06TD1	PA66	Natural (NA)	100	137-00163
IT50RPRN	10.0	44.0	28.0	8.0	210.0	4.7	225	TAG23-10TD1	PA66	Natural (NA)	100	137-00165
IT50LPRN	19.0	100.0	56.0	12.8	390.0	4.7	225	TAG52-10TD1	PA66	Natural (NA)	100	137-00166

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

**Material specification please see page 11.**



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



## Custom printed stainless steel cable ties

### • Metal Ball Lock ties (MBT)

HellermannTyton offers all the benefits of stainless steel ties (weather resistant, outstanding chemical resistance, antimagnetic, high temperature resistant, non-burning) with the possibility of a permanent legend using the latest laser technology. The laser process produces a high quality marking with dark characters and excellent contrast to the background. The metal ties can be marked to customer requirements including upper and lower case characters, alpha-numeric, sequential, data-matrix and bar-coding, logos and graphics.

### Features and Benefits

- Pre-marked to customer requirements
- Excellent character legibility
- Resistant to weathering and high levels of UV light
- Excellent resistance to a variety of hydrocarbons, chemicals, acids and alkalis
- Marking will endure for the lifetime of the cable tie or marker plate
- Print jobs and graphics can be transmitted electronically




MBT\_S, MBT\_H.

<b>MATERIAL</b>	Stainless Steel (SS316)	Stainless Steel (SS304)
<b>Operating Temperature</b>	-80 °C to +538 °C	
<b>Flammability</b>	Non burning	



MBT\_S, MBT\_SS, MBT\_H, MBT\_HS



TYPE	Bundle Ø min.	Bundle Ø max.	Width (W)	Length (L)		Material	Colour	Pack Cont.	Article-No.
MBT8SPRN	12.0	50.0	4.6	201.0	900	SS316	Metal (ML)	100	137-00129
MBT8SSPRN	12.0	50.0	4.6	201.0	900	SS304	Metal (ML)	100	137-00134
MBT11SSPRN	12.0	75.0	4.6	285.0	900	SS304	Metal (ML)	100	137-00160
MBT11SPRN	12.0	75.0	4.6	285.0	900	SS316	Metal (ML)	100	137-00162

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

**Material specification please see page 11.**



### Custom printed pull tight plastic seals

• SE30PRN

• SD30PRN

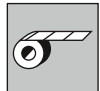
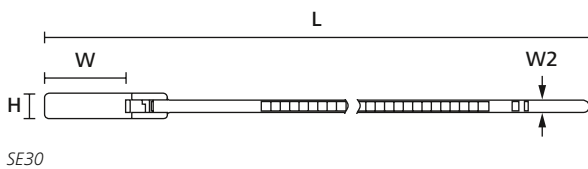
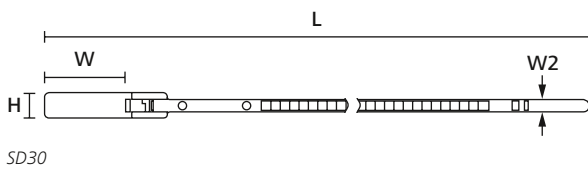
HellermannTyton provides a range of Pull Tight Seals that allow an audit trail to be created and easily alert the user if a package or shipment has been tampered with. The wide range of applications varies from sealing cash and mailbags to securing vehicle doors and roll cages. The products are provided un-printed however it is recommended that all of these should be sequentially numbered to achieve the maximum level of security. The range features include gripping spikes (SD30) to assist in sealing large bags and a secondary loop catchment to hold the tie's tail in place.



SE30-Series.

#### Features and Benefits

- SD30 features a gripping spike to stop slippage on cloth or textile bags
- SE30 is commonly used for sealing doors and closures
- Thermal transfer offset printed for highest clarity print definition
- Available as sequential alphanumeric text but graphics and barcodes are available on request
- Tail excess can be tidied away into the ties' head
- Print jobs and graphics can be transmitted electronically



TYPE	Bundle Ø min.	Bundle Ø max.	Width (W)	Height (H)	Length (L)	Width (W2)	N	Material	Colour	Pack Cont.	Article-No.
SE30PRN	10.0	38.0	27.0	8.0	230.0	3.8	135	PA66	Blue (BU)	100	142-00353
	10.0	38.0	27.0	8.0	230.0	3.8	135	PA66	Red (RD)	100	142-00354
	10.0	38.0	27.0	8.0	230.0	3.8	135	PA66	Yellow (YE)	100	142-00352
	10.0	38.0	27.0	8.0	230.0	3.8	135	PA66	Green (GN)	100	142-00351
SD30PRN	10.0	38.0	27.0	8.0	235.0	3.8	134	PA66	Blue (BU)	100	142-00349
	10.0	38.0	27.0	8.0	235.0	3.8	134	PA66	Yellow (YE)	100	142-00348
	10.0	38.0	27.0	8.0	235.0	3.8	134	PA66	Green (GN)	100	142-00347
	10.0	38.0	27.0	8.0	235.0	3.8	134	PA66	Red (RD)	100	142-00350

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

Material specification please see page 11.





## Plastic Plug Seals

### • Custom Printed PLS10SEQ and Plain SEQ

The PLS range incorporate tabs that when lifted and twisted, enable the top and bottom sections to break away at specifically designed points. This allows the seals to be removed without the need for any cutting tools. HellermannTyton's Pluglok seals are made to fit the majority of boxes from the main attached lid container manufacturers (Schoeller Arca Systems, Allibert Buckhorn, Paxton and Linpac) and can be printed with a unique serial number. This allows a secure audit trail to be created and easily alerts users of the system that a package or shipment has been tampered with.

### Features and Benefits

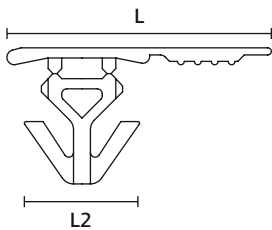
- Highest definition print technology
- 30+ years experience in the market
- Creation of class-leading texts, graphics and barcodes (1D: Code39 or EAN13 and 2D: PDF417/QR Code)
- Ideally for areas from logistics to polling (voting) booths
- Able to work with emailed excel documents and high quality graphics files



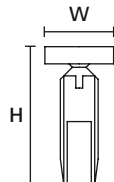
Pluglok seals are made to fit the majority of boxes.



Easily sealing containers and boxes.



PLS10



PLS10



TYPE	Width (W)	Height (H)	Length (L)	Length (L2)	Material	Colour	Pack Cont.	Article-No.
PLS10SEQ	10.0	19.9	37.6	16.5	PP	Green (GN)	500	143-00095
	10.0	19.9	37.6	16.5	PP	Red (RD)	500	143-00096
	10.0	19.9	37.6	16.5	PP	White (WH)	500	143-00093
	10.0	19.9	37.6	16.5	PP	Yellow (YE)	500	143-00094

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

Material specification please see page 11.



### Plastic Plug Seals

#### • Lidded Box Closure Seal

A simple to insert and securely located plastic plug seal is required when locking the lid into the box body of a container. This ensures that the lid remains in place during transit and acts as a tamper-evident method of ensuring the contents of the box have not been tampered with or removed.

The design of the seal will allow for the lid to move slightly laterally, as is normal when boxes are being stacked or are in transit, and strong enough for small vertical drops (up to 0.5 m) without breaking. The seal is designed to break if the lid is lifted.

30 years of experience in the design and manufacture of plug seals mean that we are uniquely placed to offer products to solve your needs when new lidded box design are being considered.

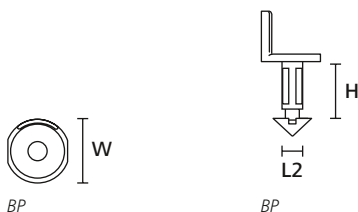


Easily sealing containers and boxes.

#### Features and Benefits

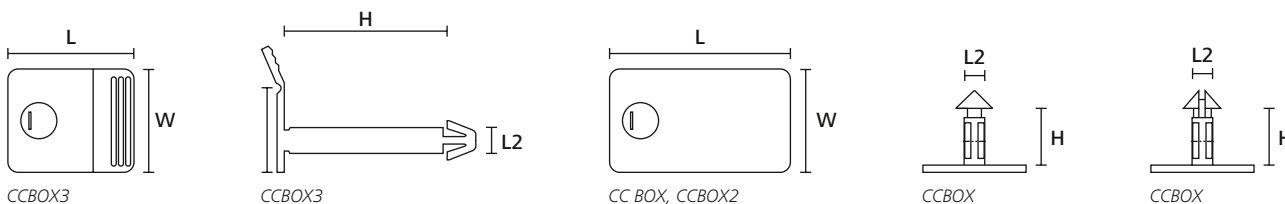
- Tamper evident plastic box seals
- Designed to ensure ease of application and removal
- Securely lock lidded containers in transit
- New product designs available through dedicated engineering resources
- CCBOX2 are designed for SSI Schaefer FK, LTB, and KB series
- CCBOX3 are designed for SSI Schaefer KMB series
- BP are designed for SSI Schaefer FK series

**Material specification please see page 11.**



TYPE	Width (W)	Height (H)	Length (L2)	Material	Colour	Pack Cont.	Article-No.
BP	16.0	11.0	7.0	Polyamide 6.6 High Impact Modified (PA66HIR)	Black (BK)	1,000	143-03521

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



TYPE	Width (W)	Height (H)	Length (L)	Length (L2)	Material	Colour	Pack Cont.	Article-No.
CCBOX2	20.0	11.0	35.0	7.0	Polyacetal (POM)	Blue (BU)	500	143-74336
CCBOX	20.0	11.0	35.0	7.0	Polyacetal (POM)	Blue (BU)	2,500	143-52936
	20.0	11.0	35.0	7.0	Polyacetal (POM)	Green (GN)	2,500	143-52935
CCBOX3	20.0	30.8	24.0	5.0	Polyacetal (POM)	Blue (BU)	500	143-52902
	20.0	30.8	24.0	5.0	Polyacetal (POM)	Red (RD)	500	143-00075

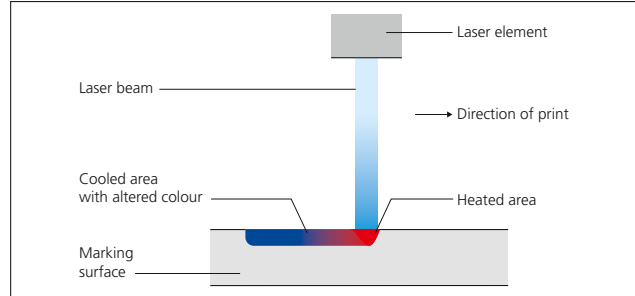
All dimensions in mm. Subject to technical changes.  
Minimum Order Quantity (MOQ) may differ from package content.



## Laser beam print method

Laser marking uses a high power light source magnified and focused through an optical lens to discolour the surface of the item that needs identifying without cutting into the surface.

As the material is discoloured through this process, the mark permanency is second to none as trying to remove the text requires the material to be cut away. A secondary feature of this print method is security: to add new text you have to print onto a surface that has been cut away and this will immediately highlight tampering.

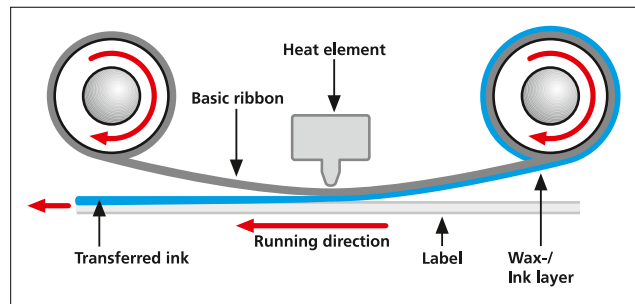


Laser beam print method.



## Thermal transfer print method

Thermal transfer printing is created by heating up and liquefying the captive ink of the transfer ribbon and layering onto the surface to be identified. The print definition is outstanding and is usually the preferred method for creating crisp graphics.



Heated dots strike a special colour ribbon, the thermal transfer film, which transfers liquefied colour ink at exactly that point onto the backing material (labels, tubes, rating plates).

## Material Specification Overview

MATERIAL	Material Shortcut	Operating Temperature	Colour**	Flammability	Material Properties*	Material Specifications
<b>Polyacetal</b>	POM	-40 °C to +90 °C, (+110 °C, 500 h)	Natural (NA)	UL94 HB	<ul style="list-style-type: none"> <li>Limited brittleness sensitivity</li> <li>Flexible at low temperature</li> <li>Not moisture sensitive</li> <li>Robust on impacts</li> </ul>	<b>RoHS</b>
<b>Polyamide 6.6</b>	PA66	-40 °C to +85 °C, (+105 °C, 500 h)	Black (BK), Natural (NA)	UL94 V2	<ul style="list-style-type: none"> <li>High yield strength</li> </ul>	<b>HF RoHS</b>
<b>Polypropylene</b>	PP	-40 °C to +115 °C	Black (BK), Natural (NA)	UL94 HB	<ul style="list-style-type: none"> <li>Floats in water</li> <li>Moderate yield strength</li> <li>Good chemical resistance to: organic acids</li> </ul>	<b>HF RoHS</b>
<b>Stainless Steel, Stainless Steel</b>	SS304, SS316	-80 °C to +538 °C	Natural (NA)	Non burning	<ul style="list-style-type: none"> <li>Corrosion resistant</li> <li>Antimagnetic</li> <li>Weather resistant</li> <li>Outstanding chemical resistance</li> </ul>	<b>HF RoHS LFH</b>

\*These details are only rough guide values. They should be regarded as a material specification and are not substitute for a suitability test. Please see our datasheets for further details.

\*\*More colours on request.

= Minimum Tensile Strength

