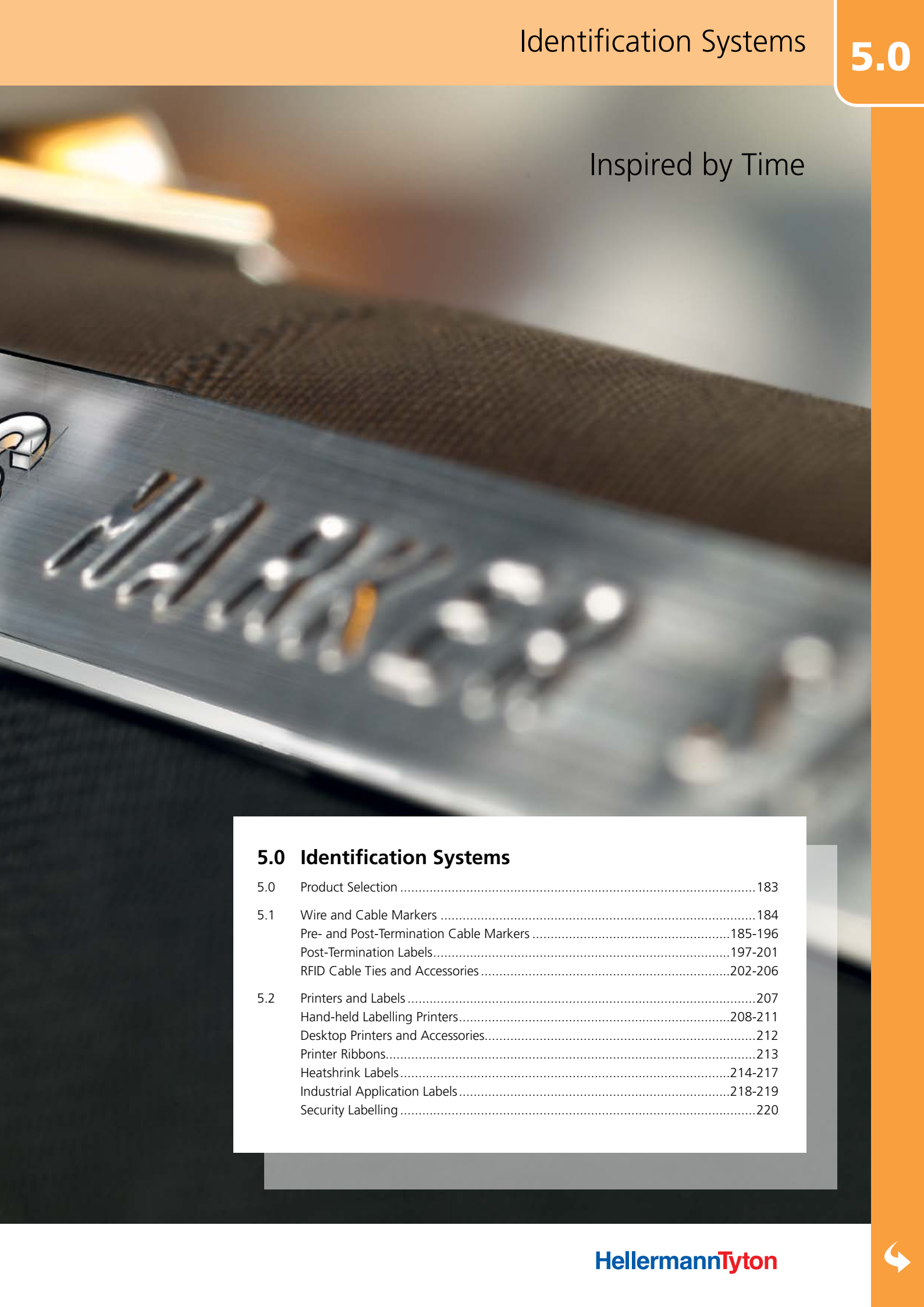




Inspired by Time









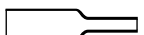





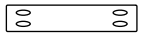


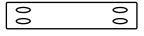




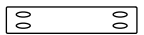


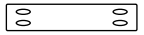


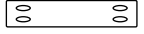




















5.0 Identification Systems





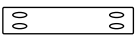
5.0	Product Selection	183
5.1	Wire and Cable Markers	184
	Pre- and Post-Termination Cable Markers	185-196
	Post-Termination Labels.....	197-201
	RFID Cable Ties and Accessories	202-206
5.2	Printers and Labels	207
	Hand-held Labelling Printers.....	208-211
	Desktop Printers and Accessories.....	212
	Printer Ribbons.....	213
	Heatshrink Labels.....	214-217
	Industrial Application Labels.....	218-219
	Security Labelling	220

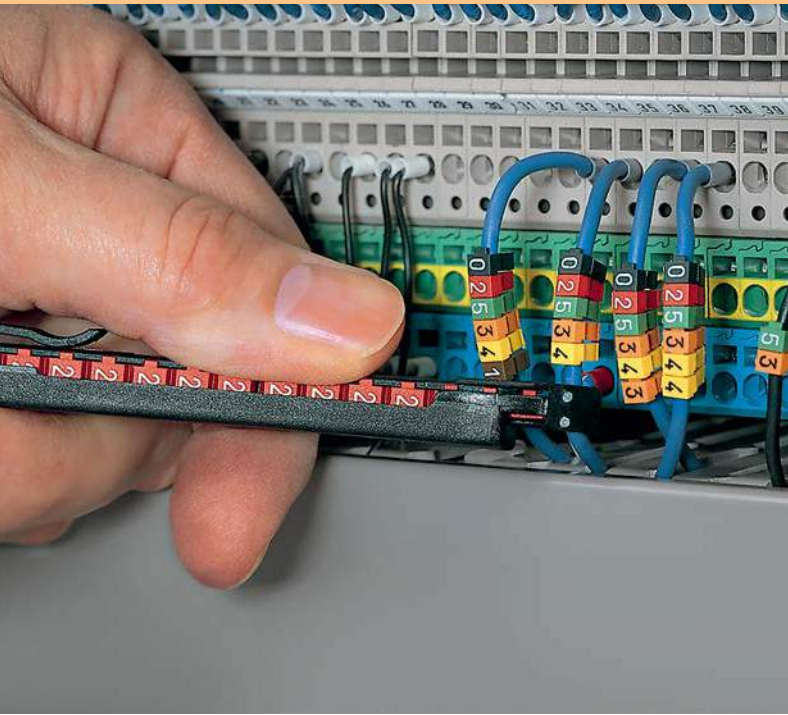


Production Selection for Printers, Ribbons and Label Types and Materials

							
Type	Label type	Printing method	TrakMark DS (Double sided printing)	TT431	Ribbon		
			TagPrint Pro 3.0				
TULT DS		 	●	●	TTDTHOUT		
TLFX		 	●	●	TTDTHOUT		
TLFX DS		 	●	●	TTDTHOUT		
TIPTAG HF		 		●	TTDTHOUT		
TIPTAG PU		 		●	TTRC+		
TIPTAG MC				●	TTDTHOUT TTRW		
TAGUL		 		●	TTDTHOUT		
TAGPU		 		●	TTRHT		
TAGDR		 		●	TTDTHOUT		
TAGHT		 		●	TTRHT		
Helatag 892				●	TT822OUT		
Helatag 1220		 		●	TT822OUT TT122OUT		
Helatag 1221		 		●	TT822OUT TT122OUT		
Helatag 1203		 		●	TT822OUT		

 Thermal transfer printing
  Laser printing
  Laser beam
  Dot matrix printing
  Manual writing/marking

 Self-lamination label
  Plain label
  Continuous roll
  Shrinkable marker
  Identification tag



5.1 Wire and Cable Markers

Pre-Termination Labels

- Pre-printed Cable Markers - HELAGRIP..... 185-186
- Pre-printed Cable Markers - OVALGRIP 187-188

Post-Termination Cable Markers

- Pre-printed Cable Markers - WIC 189-190

Pre-Termination Cable Markers

- Helsyn Neoprene Tubing H..... 192
- Hellerine Lubricant..... 192
- Universal Sleeve Fitting Tool 193

Post-Termination Cable Markers

- Carrier marking system, Laser Printer – Helafix HC and HCR..... 194
- Identification Ties and Plates for Marking Cable Bundles..... 195
- Labels for IT ties..... 196

Post-Termination Labels

- TIPTAG HF 197
- TIPTAG PU 198
- TAGUL..... 199
- TAGPU..... 200
- TIPTAG MC 201

RFID Cable Ties and Accessories

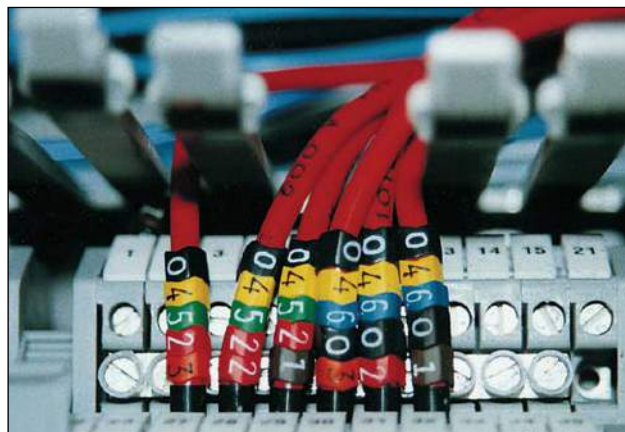
- Cable Ties with Integrated Transponder 202
- Detectable Cable Ties with Integrated Transponder..... 203
- Stainless Steel Calbe Ties with Integrated Transponder..... 204
- Accessory with RFID Transponder - HEXTAG 205
- Accessory with RFID Transponder - CRADLE 206



Pre-Printed Cable Markers

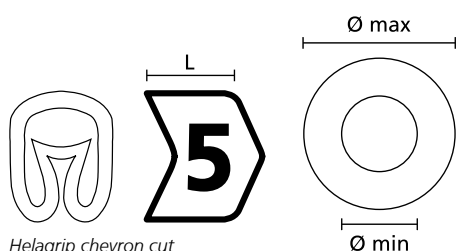
HELAGRIP, Slide-on, Chevron-cut

- Operating temperature -65°C to +105°C, intermittent temperature +135°C
- Flammability UL 94 V0 (3mm)
- Easily apply one size marker to wide range of cables
- Markers are applied before termination takes place
- Chevron cut to lock markers together ensuring text remains in place
- Flexible cadmium free material fits securely on wire
- Characters are 0-9, A-Z and standard electrical symbols
- HG25 markers (international colour coding) available on request, MOQ required



Clearly a better way to identify in confined spaces.

HF ✓ RoHS ✓



Helagrip chevron cut

i Locally manufactured

i Products have been tested in-house according to UL 224

Type	Cable Ø min.	Cable Ø max.	Length (L)	Material	Colour	Qty
HG13	1	3	3.5	Flexible PVC	Black on Yellow	500
HG25	2	5	3.5	Flexible PVC	Black on Yellow	500

All dimensions in mm. Subject to technical changes.

Minimum Order Quantity (MOQ) may differ from package content. Other packaging options may also be available. More colours on request.

Recommended Tools

Type	Image	Size	Article-No.
TJC1-3		Helagrip 1-3	518-00113
TJC2-5		Helagrip 2-5	518-00125

Suitable for the following industries:



Helagrip, Slide-on, Chevron-cut

HF ✓ RoHS ✓

HG13

Letter	Type	Numbers & Symbols	Type
A	HG13MAYL	0	HG13M0YL
B	HG13MBYL	1	HG13M1YL
C	HG13MCYL	2	HG13M2YL
D	HG13MDYL	3	HG13M3YL
E	HG13MEYL	4	HG13M4YL
F	HG13MFYL	5	HG13M5YL
G	HG13MGYL	6	HG13M6YL
H	HG13MHYL	7	HG13M7YL
I	HG13MIYL	8	HG13M8YL
J	HG13MJYL	9	HG13M9YL
K	HG13MKYL		
L	HG13MLYL		
M	HG13MMYL		
N	HG13MNYL		
P	HG13MPYL		
Q	HG13MQYL		
R	HG13MRYL		
S	HG13MSYL		
T	HG13MTYL		
U	HG13MUYL		
V	HG13MVYL		
W	HG13MWYL		
X	HG13MXYL		
Y	HG13MYYL		
Z	HG13MZYL		

HG25

Letter	Type	Numbers & Symbols	Type
A	HG25MAYL	0	HG25M0YL
B	HG25MBYL	1	HG25M1YL
C	HG25MCYL	2	HG25M2YL
D	HG25MDYL	3	HG25M3YL
E	HG25MEYL	4	HG25M4YL
F	HG25MFYL	5	HG25M5YL
G	HG25MGYL	6	HG25M6YL
H	HG25MHYL	7	HG25M7YL
I	HG25MIYL	8	HG25M8YL
J	HG25MJYL	9	HG25M9YL
K	HG25MKYL		
L	HG25MLYL		
M	HG25MMYL		
N	HG25MNYL		
P	HG25MPYL		
Q	HG25MQYL		
R	HG25MRYL		
S	HG25MSYL		
T	HG25MTYL		
U	HG25MUYL		
V	HG25MVYL		
W	HG25MWYL		
X	HG25MXYL		
Y	HG25MYYL		
Z	HG25MZYL		

HG13 Kits

Type	Description
HG13MYL09	Yellow Marker Kit 0-9
HG13MYLAZ	Yellow Marker Kit A-Z

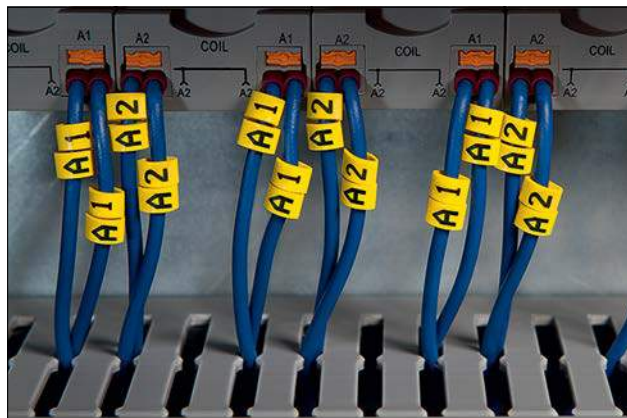
HG25 Kits

Type	Description
HG25MYL09	Yellow Marker Kit 0-9
HG25MYLAZ	Yellow Marker Kit A-Z

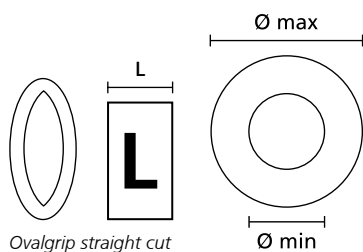
Pre-Printed Cable Markers

OVALGRIP, Slide-on, Straight-cut

- Operating temperature -65°C to +105°C, intermittent temperature +135°C
- Flammability UL94 V0 (3mm)
- Pre-printed markers easily slide onto cables and wires
- Characters 0-9, A-Z and standard electrical symbols
- Oval shaped markers designed to fit AT2 or AT3
- Ideal for maintenance and repair and fixed with cable ties
- Direct application to wire and cable before termination is recommended
- Fits onto new CAT6 cable
- Colour, white with black text available on request, MOQ required



A simple idea for complex marking needs



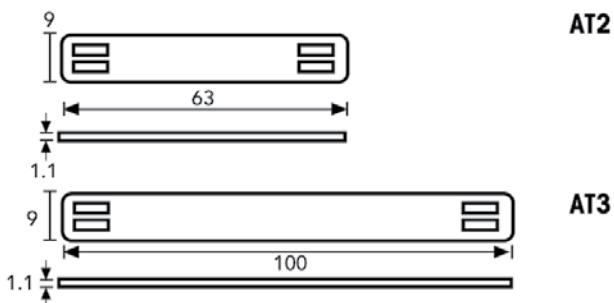
Locally manufactured

Type	Cable Ø min.	Cable Ø max.	Material	Colour	Qty	Arrow tag	Length (L)	Characters
HO85	2.5	5.9	PVC	Black on yellow	100	AT2	63	11

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

Arrowtags

AT2 Arrowtags will fit 9 size 85 markers
AT3 Arrowtags will fit 17 size 85 markers
Uses cable ties from 2.5 - 5mm (T18 - T50 Series)



Suitable for the following industries:



Ovalgrip, Slide-on, Straight-cut

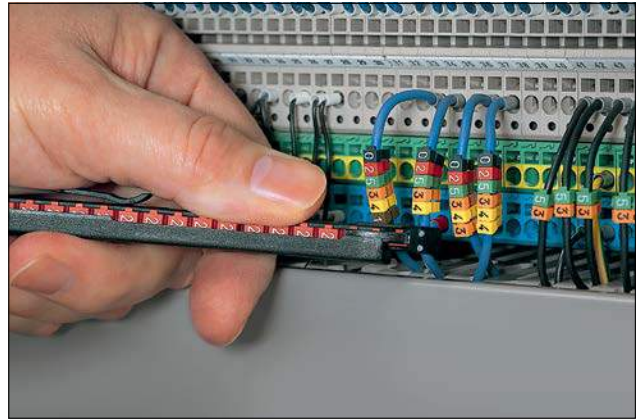
	Type
A	HO854MAYL
B	HO854MBYL
C	HO854MCYL
D	HO854MDYL
E	HO854MEYL
F	HO854MFYL
G	HO854MGYL
H	HO854MHYL
I	HO854MIYL
J	HO854MJYL
K	HO854MKYL
L	HO854MLYL
M	HO854MMYL
N	HO854MNYL
O	HO854MOYL
P	HO854MPYL
Q	HO854MQYL
R	HO854MRYL
S	HO854MSYL
T	HO854MTYL
U	HO854MUYL
V	HO854MVYL
W	HO854MWYL
X	HO854MXYL
Y	HO854MYYL
Z	HO854MZYL

	Type
0	HO854MOYL
1	HO854M1YL
2	HO854M2YL
3	HO854M3YL
4	HO854M4YL
5	HO854M5YL
6	HO854M6YL
7	HO854M7YL
8	HO854M8YL
9	HO854M9YL

Pre-Printed Cable Markers

WIC, Snap-on (Colour)

- Operating temperature -40°C to +85°C, (+105 °C, 500 h)
- Flammability UL 94 V0
- Fast and easy to use pre-printed nylon snap-on marker
- Ideal where termination is completed or for maintenance and repair
- Markers lock together to give perfect text alignment
- Vibration resistant markers, WIC markers lock onto wire and cable tightly
- WIC tool holds 20 WIC markers in all four sizes
- Gripping system locks markers onto wire and resists rotation
- Available in yellow, white and international resistor colour code
- Popular 2 digit markings such as L1, L2, L3, PE are available in yellow or colour code
- Two accessories available to identify cables from 6 mm² up to 25 mm² (WICA-AC10-25) and up to 95 mm² (WICA-ACT-BK)
- Markers for fibre cables should be applied by hand

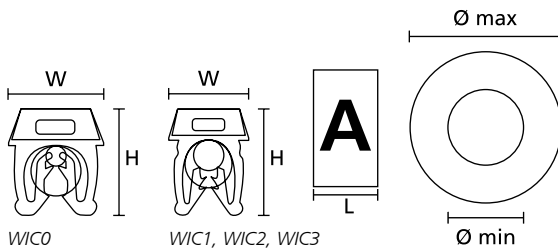


Use the applicator to simply snap the marker onto your cable

HF ✓ RoHS ✓



Customized markers on request



Type	Cable Ø min.	Cable Ø max.	Width (W)	Height (H)	Length (L)	Wire Size Range (mm ²)	Material (p3)	Qty	Colour
WIC0	0.8	2.2	5	5.5	3	0.15-0.75	PA66	200	Green (GR)
WIC1	2	2.8	5	6.4	3	0.50-1.50	PA66	200	Red (RD)
WIC2	2.8	3.8	5.6	7.1	3	1.50-2.50	PA66	200	Blue (BL)
WIC3	4.3	5.3	8	9.6	3	4.00-6.00	PA66	200	Yellow (YL)

All dimensions in mm. Subject to technical changes.

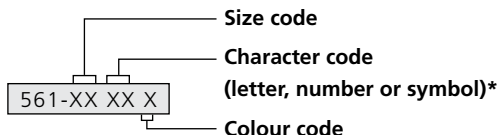
Minimum Order Quantity (MOQ) may differ from package content. Other packaging options may also be available. More colours on request.

Suitable for the following industries:



WIC, Snap-on (Colour)

How to order:



* For the assortment and the symbols \sim , \equiv please use the code with three digits



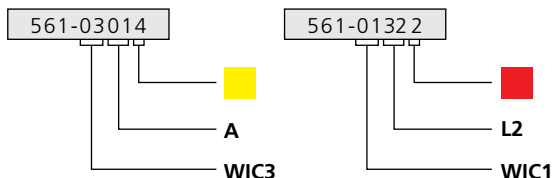
WIC – pre-printed wire and cable markers

RoHS ✓

Step 1: Choose your size

Size	WIC0	WIC1	WIC2	WIC3
Code	00	01	02	03

Example:



Step 2: Choose your letter, symbol, number or assortment

LETTER	A	B	C	D	E	F	G	H	I	J	K
Code	01	02	03	04	05	06	07	08	09	10	11
LETTER	L	M	N	O	P	Q	R	S	T	U	V
Code	12	13	14	15	16	17	18	19	20	21	22
LETTER	W	X	Y	Z							
Code	23	24	25	26							

SYMBOL	L1	L2	L3	PE	+	-	/	↓	.
Code	31	32	33	34	70	71	72	73	74
SYMBOL									
Code	75	76	77	000	001				

NUMBER	0	1	2	3	4	5	6	7	8	9
Code	60	61	62	63	64	65	66	67	68	69

ASSORTMENT	0	1	2	3	4	5	6	7	8	9
Code	100									
ASSORTMENT	A	E	L	N	R	S	T	+	-	
Code	994									
ASSORTMENT	G	H	Y	Z	O	Q	J	K	X	L
Code	003									
ASSORTMENT	L1	L1	L2	L2	L3	L3	N	N	↓	↓
Code	300									
ASSORTMENT	L1	L1	L2	L2	L3	L3	N	N	↓	↓
Code	302									

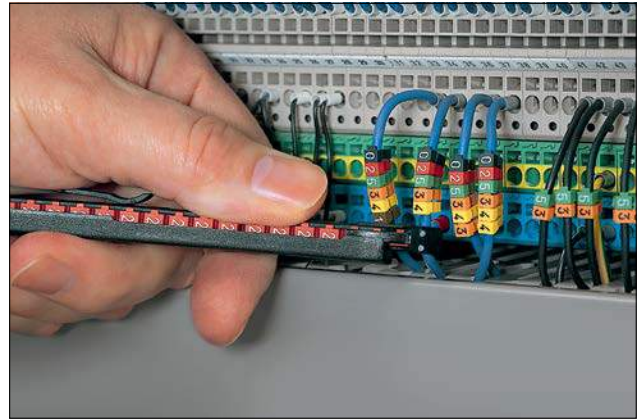
ASSORTMENT	0	1	2	3	4	5	6	7	8	9
Code	101									
ASSORTMENT	B	C	U	V	W	P	D	F	I	M
Code	002									
ASSORTMENT	.	/	---	↓	+	-	~	=	*	
Code	004									
ASSORTMENT	L1	L1	L2	L2	L3	L3	N	N	↓	↓
Code	301									
ASSORTMENT	L1	L1	L2	L2	L3	L3	N	N	↓	↓
Code	303									

Step 3: Choose your colour

COLOUR										
Code	0	1	2	3	4	5	6	7	8	9

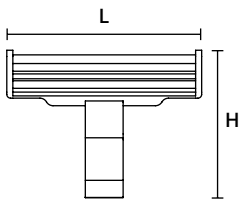
WIC Tool and Accessories

- Operating temperature -40°C to +85°C

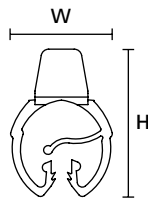


Use the applicator to simply snap the marker onto your cable

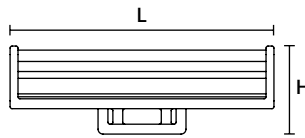
HF ✓ RoHS ✓



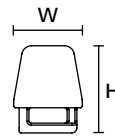
WICA-AC (front view)



WICA-AC (side view)



WICA-ACT (front view)



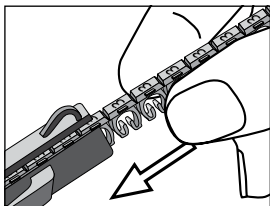
WICA-ACT (side view)

Type	Description	Cable Ø min.	Cable Ø max.	Width (W)	Height (H)	Length (L)	Material	Marker tiles per carrier	Qty	Article-No.
WICA-AC10-25	Snap-on accessory	5.5	9.5	13.5	19.4	25.8	PA66HIRHS	8	100	561-06001
WICA-ACT-BK	WIC adapter for fixing cable ties	3	38	7	8.9	26.7	PA66HIRHS	8	100	561-06000
WIC Tool	Applicator	-	-	-	-	-	PA6GF15	-	5	561-00001

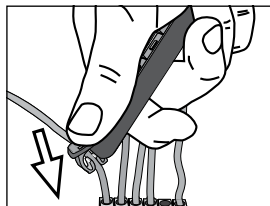
All dimensions in mm. Subject to technical changes.

Minimum Order Quantity (MOQ) may differ from package content. Other packaging options may also be available. More colours on request.

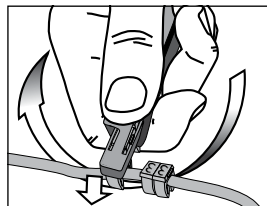
Application of WIC markers using WIC Tool



Step 1



Step 2



Step 3

Helsyn Neoprene Rubber Tubing H

Neoprene (Black, Red and Yellow)

- Operating temperature -65°C to +95°C, intermittent temperature 120°C
- Highly elastic
- Various cable diameters covered with one sleeve sizes
- Original size expanded to 500% on application and 200% in continuous use



H rubber tubing is highly flexible and easy to apply

HF ✓ RoHS ✓

Type	Supplied IØ	Wall (WT)	Material	Colour	Article-No.
H12TBK	1.2	0.7	Neoprene	Black (BK) ■	608-01001
H12TRD	1.2	0.7	Neoprene	Red (RD) ■	608-01008
H15TBK	1.5	0.8	Neoprene	Black (BK) ■	608-01013
H20TBK	2	0.8	Neoprene	Black (BK) ■	608-01028
H20TRD	2	0.8	Neoprene	Red (RD) ■	608-01036
H30TBK	3	0.8	Neoprene	Black (BK) ■	608-01057
H30TRD	3	0.8	Neoprene	Red (RD) ■	608-01065
H30TYL	3	0.8	Neoprene	Yellow (YL) ■	608-01069
H50TBK	5	1	Neoprene	Black (BK) ■	608-01091
H50TRD	5	1	Neoprene	Red (RD) ■	608-01098
H75TBK	7.5	1.3	Neoprene	Black (BK) ■	608-01107
H100TBK	10	1.5	Neoprene	Black (BK) ■	608-01122
H100TYL	10	1.5	Neoprene	Yellow (YL) ■	
H150TBK	15	1.7	Neoprene	Black (BK) ■	608-01136

All dimensions in mm. Subject to technical changes.

Available in the following colours: blue, green/yellow, brown, grey. Minimum Order Quantity (MOQ) required.

Suitable for the following industries:



Hellerine Lubricant

- Installation of elastomer sleeves
- Evaporates slowly after installation
- Manipulation of elastomer sleeves can still occur
- Sleeve fitting tool required
- Guaranteed to be completely fungistic

Type	Size	Article-No.
HEL200	200ml	625-00100



Hellerine lubricant in 200 ml plastic bottle

Universal Sleeve Fitting Tool

DKIT, NA, K, S, SS

- Helsyn sleeve fitting tool
- Interchangeable prongs
- Speedy application of markers and sleeves
- DKIT includes tool, various prongs and Hellerine



DKIT includes tool, various prongs and Hellerine

i Hellerine lubricant is strongly recommended when fitting synthetic rubber and PVC components

Type	Cable Ø min	Cable Ø max	OØ max.	Marker Length max.	Article-No.
DKIT	1.2	11.5	17	32	621-80005
NA8/10	12	17	25.5	60	621-10810
K Tool	5	10	17	32	621-80007
SS Tool	1.2	2	15	20	621-80008
S Tool	2.5	4	15	20	621-80009

Suitable for the following industries:



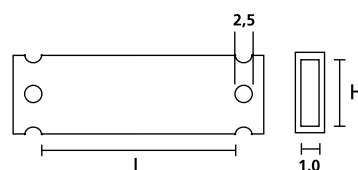
Carrier Marking System, Laser Printer

HELAFIX HC and HCR Carriers

- Operating temperature -60°C to +65°C
- Flammability UL 94 HB
- Resistance to UV light, water and a variety of solvents.
- Versatile transparent carriers used for temporary or permanent marking
- Fixed in place using T18 series cable ties, screws or rivets (carrier HC06, no rivet hole)
- Helafix HC supplied as cut lengths in bags, pre-cut and pre-punched rivet hole (carrier HC06 has no punched hole)
- Helafix HCR supplied in continuous tube format and can be cut to size with HCT tool
- Helafix HFX labels designed to fit into HC and HCR carriers
- Marking of cable looms, cables, pipes, transport systems, valves, sensors, for inventory marking on machines, etc.



Multi-purpose identification potential: Helafix HC and HCR



HF ✓ RoHS ✓

HCR

Type	Length (L)	Height (H)	Material	Length (m)	Recommended Labels	Article-No.
HCR06		7	PEUV	25		525-07003
HCR09		10	PEUV	25	HFX9	525-10003
HCR12		13	PEUV	25	HFX12	525-13003
HCR18		19	PEUV	25		525-19003
HCR24		25	PEUV	25		525-25003

HC

Type	Length (L)	Height (H)	Material	Qty	Recommended Labels	Article-No.
HC06-17	17.5	7	PEUV	50		525-07173
HC09-17	17.5	10	PEUV	50	HFX9-17P	525-10173
HC12-17	17.5	13	PEUV	50		525-13173
HC06-35	35	7	PEUV	50		525-07353
HC09-35	35	10	PEUV	50	HFX9-35P	525-10353
HC12-35	35	13	PEUV	50	HFX12-35P	525-13353
HC18-35	35	19	PEUV	50		525-19353
HC09-52	52	10	PEUV	50	HFX9-52P	525-10523
HC12-52	52	13	PEUV	50	HFX12-52P	525-13523
HC18-52	52	19	PEUV	50		525-19523
HC24-52	52	25	PEUV	50		525-25523
HC12-70	70	13	PEUV	50		525-13703
HC18-70	70	19	PEUV	50		525-19703
HC24-70	70	25	PEUV	50		525-25703

All dimensions in mm. Subject to technical changes.

Minimum Order Quantity (MOQ) may differ from package content. Other packaging options may also be available.

Recommended Tools

Type	Carrier Width	Carrier Size	Ø	Article-No.
HCT1	10	HCR09	2.5	525-00010
HCT2	13	HCR12	2.5	525-00013

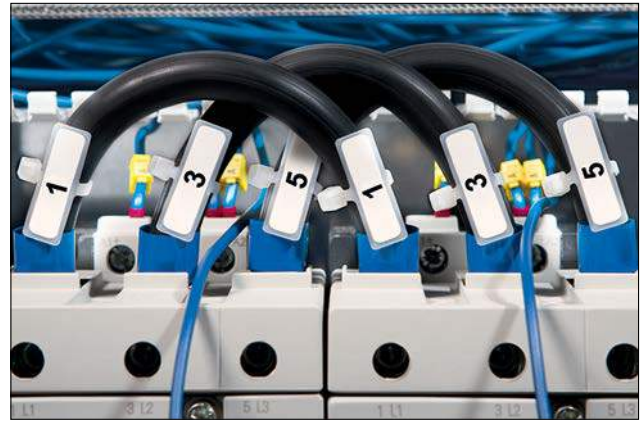
Suitable for the following industries:



Identification ties and plates for marking cable bundles

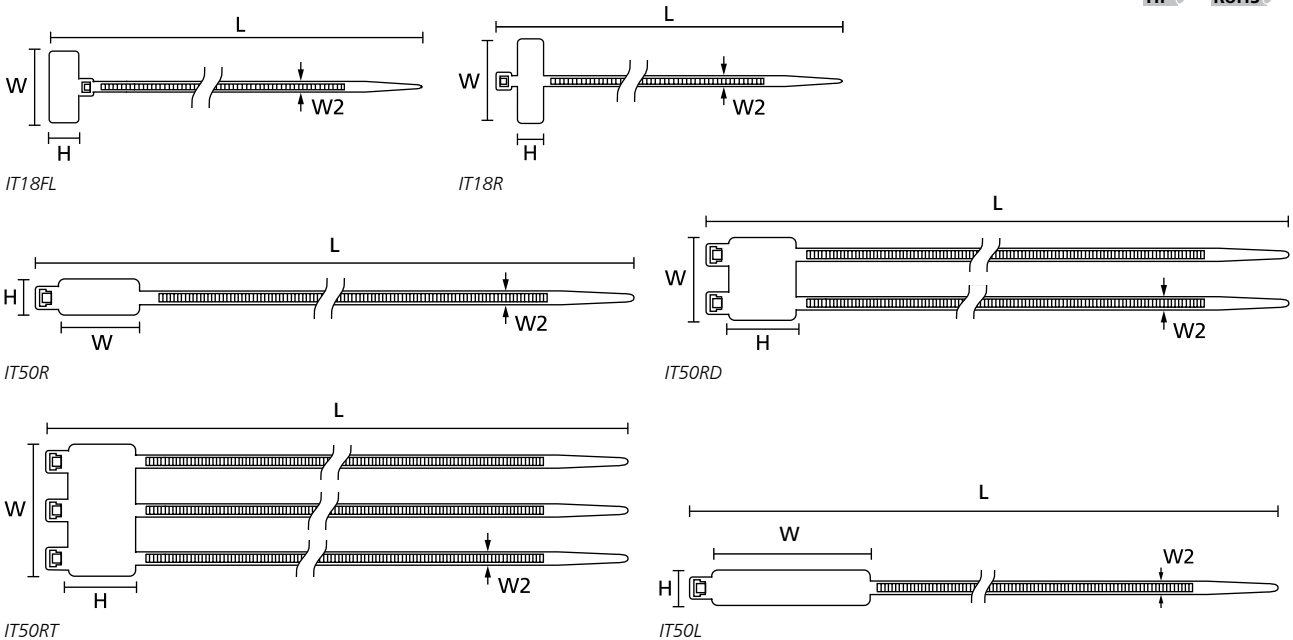
IT-Ties (Natural)

- Operating temperature -40°C to +85°C
- Flammability UL 94 V2
- Simple identification and securing of cable bundles in one step
- Printable labels are available for a professional finish
- Manual or temporary marking is possible with marking pen
- Ability to both secure and identify cable bundles at different times



One operation with two user benefits

HF ✓ RoHS ✓



Type	Bundle Ø min.	Bundle Ø max.	Width (W)	Height (H)	Length (L)	Width (W2)	N	Material (p3)	Qty	Colour	Article-No.
IT18FL	1.5	19	20.5	9	110	2.5	80		100	Natural (NT)	111-81919
IT18R	6	22	25	8	100	2.3	80	PA66	100	Natural (NT)	111-81821
IT50R	9.5	44.5	28	12.9	203	4.6	225	PA66	100	Natural (NT)	111-85019
IT50RD	10	44	29	26.3	205	4.7	225	PA66	50	Natural (NT)	111-85219
IT50RT	10	44	46	26.3	205	4.7	225	PA66	50	Natural (NT)	111-85119
IT50L	19	100	56	12.8	390	4.7	225	PA66	100	Natural (NT)	111-85319

All dimensions in mm. Subject to technical changes.

Minimum Order Quantity (MOQ) may differ from package content. Other packaging options may also be available. More colours available on request.

Recommended Labels

Type	IT18FL	IT18R	IT50R	IT50RD	IT50RT	IT50L
Page	196	196	196	196	196	196
Recommended Label	TAG18-07TD1	TAG23-06TD1	TAG23-10TD1	TAG26-21TD1	TAG43-21TD1	TAG52-10TD1

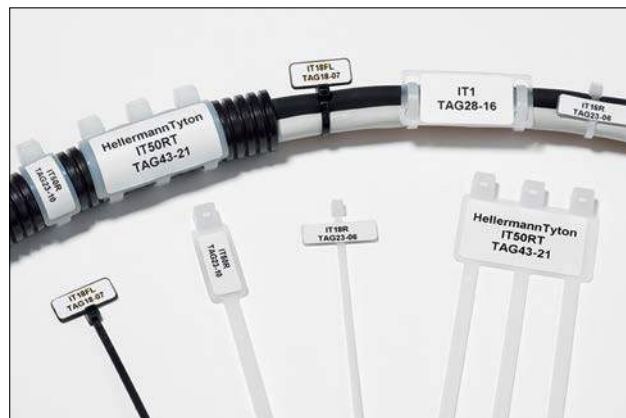
Suitable for the following industries:



Labels for IT Ties, IMP Plates and Q-Tags, Thermal Transfer

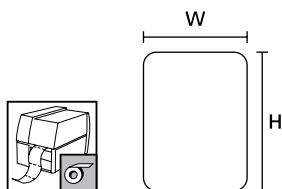
HELATAG 892 (White)

- Operating temperature -40°C to +80°C
- Curing temperature from 0°C
- Thickness of foil 83µm
- Good resistance against water, oils and most solvents.
- Suited to the slightly rough surfaces of Q-tags, IT ties and IMP/IT plates
- Adheres to rounded surfaces (acrylic)
- Rounded corners ensure better long term durability of adhesion
- White labels give excellent contrast
- Flexible material sticks
- Use unique numbering, graphics or barcodes the labels give excellent asset identification possibilities
- Professional marking of tubes, pipes, cables and other parts



Identification ties and tags

RoHS ✓



Type	Width (W)	Height (H)	Width of Liner (WL)	For Size	Qty	Colour	Article-No.
TAG18-07TD1-892-WH	18	7	24	IT18FL	5 000	White (WT) <input type="checkbox"/>	596-12253
TAG18-16TD1-892-WH	18	16	24	IMP1.5	2 500	White (WT) <input type="checkbox"/>	596-12254
TAG23-06TD1-892-WH	23	6	30	IT18R	5 000	White (WT) <input type="checkbox"/>	596-12255
TAG23-10TD1-892-WH	23	10	30	IT50R	5 000	White (WT) <input type="checkbox"/>	596-12256
TAG26-21TD2-892-WH	26	21	57	IT50RD	2 500	White (WT) <input type="checkbox"/>	596-12257
TAG28-16TD1-892-WH	28	16	34	IT1, IMP2	2 500	White (WT) <input type="checkbox"/>	596-12258
TAG43-16TD1-892-WH	43	16	50	IMP2.5	2 500	White (WT) <input type="checkbox"/>	596-12259
TAG43-21TD1-892-WH	43	21	50	IT50RT	2 500	White (WT) <input type="checkbox"/>	596-12260
TAG43-41TD1-892-WH	43	41	50	IMP2.5W1.75	1 000	White (WT) <input type="checkbox"/>	596-12261
TAG52-10TD1-892-WH	52	10	58	IT50L	5 000	White (WT) <input type="checkbox"/>	596-12262
TAG63TD1-892-WH	63.5	38.1	70	QT7040R, QT7040S	1 000	White (WT) <input type="checkbox"/>	596-12263
TAG68-16TD1-892-WH	68	16	74	IMP3.5, QT7016R	2 500	White (WT) <input type="checkbox"/>	596-12264
TAG102-64TD1-892-WH	102	64	106	QT10065R	250	White (WT) <input type="checkbox"/>	596-12265

All dimensions in mm. Subject to technical changes.

Minimum Order Quantity (MOQ) may differ from package content. Other packaging options may also be available.

Recommended printers

Ribbon	Printer	Page
TT822OUT	TT431	204

Suitable for the following industries:



Identification Tags for Cable Bundle, Thermal Transfer

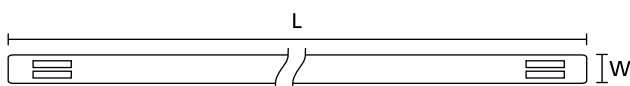
TIPTAG HF (Colour)

- Operating temperature -40°C to +90°C
- Flammability Low generation of toxic gases and corrosive acid, low smoke generation
- Identify larger wires and cable bundles
- Ideal for marking larger wire and cable bundles
- Perforated format that includes fastening slots for cable ties
- Suitable for retrofit
- Print from reel with HellermannTyton's premium range of thermal transfer printers and ribbons for optimum print quality and longevity
- EN 45545-2 Classification R22 HL3, R23 HL3



TIPTAG - high performance cable bundle marking

HF ✓ RoHS ✓ LFH ✓



Type	Length (L)	Width (W)	Material	Colour	Qty	Article-No.
TIPTAG11X65BU	65	11	PO	Blue (BL) ■	190	556-20066
TIPTAG11X65RD	65	11	PO	Red (RD) ■	190	556-20062
TIPTAG11X65WH	65	11	PO	White (WT) 	190	556-20069
TIPTAG11X65YE	65	11	PO	Yellow (YL) ■	190	556-20064
TIPTAG15X65WH	65	15	PO	White (WT) 	190	556-21069
TIPTAG15X65YE	65	15	PO	Yellow (YL) ■	190	556-21064
TIPTAG11X100BU	100	11	PO	Blue (BL) ■	120	556-20080
TIPTAG11X100RD	100	11	PO	Red (RD) ■	120	556-20091
TIPTAG11X100WH	100	11	PO	White (WT) 	120	556-20079
TIPTAG11X100YE	100	11	PO	Yellow (YL) ■	120	556-20074
TIPTAG15X100RD	100	15	PO	Red (RD) ■	120	556-21096
TIPTAG15X100WH	100	15	PO	White (WT) 	120	556-21079
TIPTAG15X100YE	100	15	PO	Yellow (YL) ■	120	556-21074

All dimensions in mm. Subject to technical changes.

Minimum Order Quantity (MOQ) may differ from package content. Other packaging options may also be available. More colours available on request

Recommended Printers

Ribbon	Printer	Page
TTDTHOUT	TT431	204

Suitable for the following industries:



EN 45545-2

Identification Tags for Cable Bundle, Thermal Transfer

TIPTAG PU, UV-stabilised (Yellow and White)

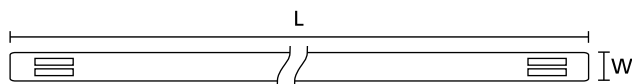
- Operating temperature -65°C to +120°C, intermittent temperature +150°C
- Flammability self-extinguishing, UL 94 V0 (3mm)
- Suitable for retrofit purposes
- Print from reel using TT431 thermal printer
- Durable and robust polyurethane material
- For large cable bundles and wires
- Harsh Environments
- Flame retardant
- Weather resistant
- Abrasion resistant
- Good resistance to chemicals
- Available in white and yellow as standard
- Perforated format with fastening slots for cable ties



TIPTAG PU – printed mark has a tattoo-like permanency.

RoHS ✓

i A special durable ribbon developed for Tiptag PU to create a “tattoo” effect to ensure marking cannot be rubbed off and resistant to harsh abrasion.



Type	Length (L)	Width (W)	Material	Colour	Qty	Article-No.
TTAGPU11X65WH	65	11	PUR DS	White (WT) <input type="checkbox"/>	190	556-25012
TTAGPU11X65YE	65	11	PUR DS	Yellow (YL) <input checked="" type="checkbox"/>	190	556-25019
TTAGPU15X65WH	65	15	PUR DS	White (WT) <input type="checkbox"/>	190	556-25007
TTAGPU15X65YE	65	15	PUR DS	Yellow (YL) <input checked="" type="checkbox"/>	190	556-25011
TTAGPU11X100WH	100	11	PUR DS	White (WT) <input type="checkbox"/>	125	556-25021
TTAGPU11X100YE	100	11	PUR DS	Yellow (YL) <input checked="" type="checkbox"/>	125	556-25020
TTAGPU15X100WH	100	15	PUR DS	White (WT) <input type="checkbox"/>	125	556-25006
TTAGPU15X100YE	100	15	PUR DS	Yellow (YL) <input checked="" type="checkbox"/>	125	556-25010

All dimensions in mm. Subject to technical changes.

Minimum Order Quantity (MOQ) may differ from package content. Other packaging options may also be available. More colours available on request.

Recommended Printers

Ribbon	Printer	Page
TTRC+	TT430	204

Suitable for the following industries:



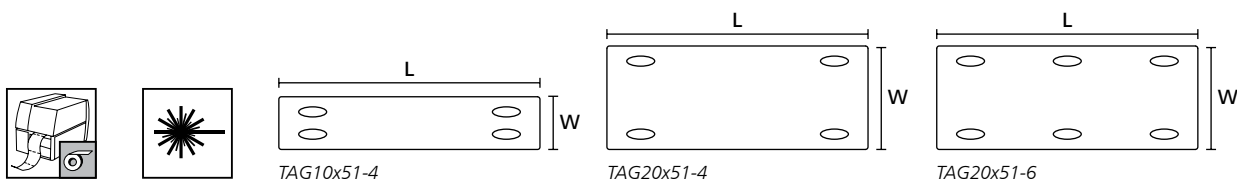
Identification Tags for Cable Bundle "Ladder Style", Thermal Transfer

TAGUL – Standard TIPTAGS (White and Yellow)

- Operating temperature -55°C to +135°C
- Flammability ASTM D2671 B
- General purpose cable marker
- For larger cables and wires
- Convenient "Ladder Style" format
- Good mechanical strength and highly flexible
- Delivered in convenient storage boxes
- Applied to cables and harness assemblies with cable ties
- Suitable for retrofit
- Simply print and press out TIPTAG and apply with cable ties



TAGUL – cable markers for larger cable bundles and wires



Type	Length (L)	Width (W)	Material	Colour	Qty	Article-No.
TAGUL10X51-4WH	51	10	PO-X	White (WT) □	400	556-82010
	51	10	PO-X	White (WT) □	2 000	556-82000
TAGUL10X51-4YE	51	10	PO-X	Yellow (YL) ■	400	556-82011
	51	10	PO-X	Yellow (YL) ■	2 000	556-82001
TAGUL20X51-4WH	51	20	PO-X	White (WT) □	200	556-82012
	51	20	PO-X	White (WT) □	1 000	556-82005
TAGUL20X51-4YE	51	20	PO-X	Yellow (YL) ■	200	556-82013
	51	20	PO-X	Yellow (YL) ■	1 000	556-82004
TAGUL20X51-6WH	51	20	PO-X	White (WT) □	200	556-82014
	51	20	PO-X	White (WT) □	1 000	556-82002
TAGUL20X51-6YE	51	20	PO-X	Yellow (YL) ■	200	556-82015
	51	20	PO-X	Yellow (YL) ■	1 000	556-82003

All dimensions in mm. Subject to technical changes.

Minimum Order Quantity (MOQ) may differ from package content. More colours available on request.

Recommended Printers

Ribbon	Printer	Page
TTDTHOUT	TT431	204

Suitable for the following industries:



Identification Tags for Cable Bundle, "Ladder Style", Thermal Transfer

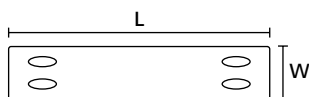
TAGPU – UV-stabilised (White and Yellow)

- Operating temperature -25°C to +80°C
- UV-stabilised
- Larger cables and wire bundles
- Thermal transfer or laser beam printable
- Convenient 'ladder style' format
- Good mechanical strength and highly flexible
- Delivery in convenient storage boxes
- Permanently legible
- Harsh environments
- Applied to cable and harness assemblies with cable ties
- Suitable for retrofit

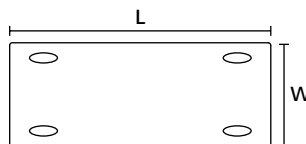


TAGPU - Tiptags "Ladder Style"

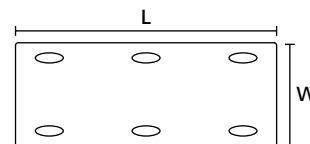
HF ✓ RoHS ✓



TAG10x51-4



TAG20x51-4



TAG20x51-6

Type	Length (L)	Width (W)	Material	Colour	Qty	Article-No.
TAGPU10X51-4WH	51	10	PUR	White (WT) <input type="checkbox"/>	400	556-80506
	51	10	PUR	White (WT) <input type="checkbox"/>	2 000	556-80500
TAGPU10X51-4YE	51	10	PUR	Yellow (YL) <input checked="" type="checkbox"/>	400	556-80507
	51	10	PUR	Yellow (YL) <input checked="" type="checkbox"/>	2 000	556-80501
TAGPU20X51-4WH	51	20	PUR	White (WT) <input type="checkbox"/>	200	556-80508
	51	20	PUR	White (WT) <input type="checkbox"/>	1 000	556-80504
TAGPU20X51-4YE	51	20	PUR	Yellow (YL) <input checked="" type="checkbox"/>	200	556-80509
	51	20	PUR	Yellow (YL) <input checked="" type="checkbox"/>	1 000	556-80505
TAGPU20X51-6WH	51	20	PUR	White (WT) <input type="checkbox"/>	200	556-80510
	51	20	PUR	White (WT) <input type="checkbox"/>	1 000	556-80502
TAGPU20X51-6YE	51	20	PUR	Yellow (YL) <input checked="" type="checkbox"/>	200	556-80511
	51	20	PUR	Yellow (YL) <input checked="" type="checkbox"/>	1 000	556-80503

All dimensions in mm. Subject to technical changes.

Minimum Order Quantity (MOQ) may differ from package content. Other packaging options may also be available. More colours available on request.

Recommended Printers

Ribbon	Printer	Page
TTRHT	TT431	204

Suitable for the following industries:



Identification Tags for Cable Bundles, Thermal Transfer

TIPTAG MC – Metal Content (Blue)

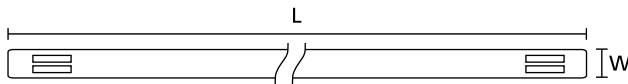
- Operating temperature -40°C to +85°C
- Metal detectable
- Marking larger cables in food and pharma industries
- Outstanding chemical resistance
- High temperature resistant
- Non-burning
- Includes holes for fastening with MCT cables ties



Metal content identification tags for a safe and clean production process

RoHS ✓

i Supports quality assurance in food production



Type	Length (L)	Width (W)	Material	Colour	Qty	Article-No.
TTAGMC11BEX65S	65	11	PO, MET	Blue (BL) ■	190	556-26500
TTAGMC15BEX65S	65	15	PO, MET	Blue (BL) ■	190	556-26502
TTAGMC11BEX100S	100	11	PO, MET	Blue (BL) ■	120	556-26501
TTAGMC15BEX100S	100	15	PO, MET	Blue (BL) ■	120	556-26503

All dimensions in mm. Subject to technical changes.

Minimum Order Quantity (MOQ) may differ from package content. Other packaging options may also be available. More colours available on request.

Recommended Printers

Ribbon	Printer	Page
TTDTHOUT	TT431	204
TTRW	TT431	204

Suitable for the following industries:



Cable Ties with Integrated RFID Transponder

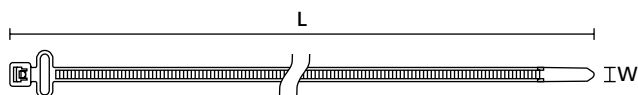
T50RFID – Low Frequency (LF) and High Frequency (HF)

- Idle temperature -40°C to +85°C
- Operating temperature min. -40°C to +85°C (PA66)
- Operating temperature max. -25°C to +85°C (PA66W)
- Flammability UL 94 V2
- Flexible, contactless data communication
- Clear identification of objects through unique numbering
- Faster data management compared to paper solution
- More accurate documentation processes – prevention of human errors
- Robust and resistant to harsh environments and cleaning processes
- Low frequency (LF – 125kHz) - Read only
- High frequency (HF – 13.56MHz) - Rewritable



Cable ties with RFID transponder

HF ✓ RoHS ✓



T50RFID, MCTRFID

Type	Frequency	Bundle Ø min.	Bundle Ø max.	Width (W)	Length (L)	N	Material	Colour	Qty	Article-No.
T50RFIDCLA	125kHz (LF)	1.5	50	4.6	200	225	PA66	Yellow (YL) ■	100	111-01638
T50RFIDCHA	13,56MHz (HF)	1.5	50	4.6	200	225	PA66	Yellow (YL) ■	100	111-01639
	13,56MHz (HF)	1.5	50	4.6	200	225	PA66	Black (BK) ■	100	111-01591
	13,56MHz (HF)	1.5	50	4.6	200	225	PA66W	Black (BK) ■	100	111-02406
	13,56MHz (HF)	1.5	50	4.6	200	225	PA66	Light Blue (LTBU) ■	100	111-01673

All dimensions in mm. Subject to technical changes.

Minimum Order Quantity (MOQ) may differ from package content. Other packaging options may also be available.

Recommended Tools

Type	EVO7i
Page	57

Suitable for the following industries:



Detectable Cable Ties with Integrated RFID Transponder

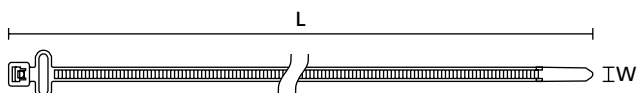
MCTRFID – Low Frequency (LF) and High Frequency (HF)

- Idle temperature -40°C to +85°C
- Operating temperature -25°C to +85°C
- Flammability UL 94 HB
- Magnetic or X-Ray detectable RFID cable ties (detection level depending on specific application)
- Total metal dispersion throughout tie
- For safe handling of production processes
- Blue colour for easy visual detection
- Flexible, contactless data communication
- Clear identification of objects through unique numbering
- Faster data management compared to paper solution
- More accurate documentation processes – prevention of human errors
- Robust and resistant to harsh environments and cleaning processes
- Low frequency (LF – 125kHz) - Read only
- High frequency (HF – 13.56MHz) - Rewritable
- Supports quality control



Detectable cable ties (metal content) with RFID transponder

HF ✓ RoHS ✓



T50RFID, MCTRFID

Type	Frequency	Bundle Ø min.	Bundle Ø max.	Width (W)	Length (L)	N	Material	Colour	Article-No.
MCTRFIDCLA	125kHz (LF)	1.5	50	4.6	200	225	PA66MP	Blue (BL) ■	111-01976
MCTRFIDCHA	13,56MHz (HF)	1.5	50	4.6	200	225	PA66MP	Blue (BL) ■	111-01676

All dimensions in mm. Subject to technical changes.

Minimum Order Quantity (MOQ) may differ from package content. Other packaging options may also be available.

Recommended Tools

Type	EVO7i
Page	57

Suitable for the following industries:



Stainless Steel Ties with RFID Transponder

MBTRFID – High Frequency (HF) and Ultra High Frequency (UHF)

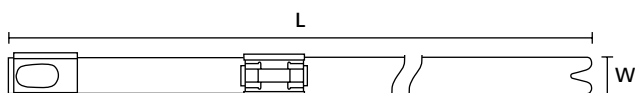
- Idle temperature -25°C to +70°C
- Operating temperature -25°C to +70°C
- Flammability non-burning (except coating)
- MBT stainless steel (316) tie complete with RFID transponder
- Harsh environments
- Flexible, contactless data communication
- Clear identification of objects through unique numbering
- Faster data management compared to paper solution
- More accurate documentation processes – prevention of human errors
- High frequency (HF – 13.56MHz)
- Ultra high frequency (UHF – 869MHz)
- Rewritable
- Where high tensile strength and durability is important



Stainless steel RFID cable ties for product identification in harsh environments

HF ✓ RoHS ✓

i Patented non-releasable locking feature



MBTRFID

Type	Frequency	Bundle Ø min.	Bundle Ø max.	Width (W)	Length (L)		Colour	Article-No.
MBT8HFCRFID	13,56MHz (HF)	17	50	7.9	201	1 020	Red (RD) ■	156-01167
MBT14HFCRFID	13,56MHz (HF)	17	102	7.9	362	1 020	Red (RD) ■	111-01586
MBT20HFCRFID	13,56MHz (HF)	17	152	7.9	521	1 020	Red (RD) ■	111-01587
MBT27HFCRFID	13,56MHz (HF)	17	203	7.9	681	1 020	Red (RD) ■	111-01588
MBT33HFCRFID	13,56MHz (HF)	17	254	7.9	838	1 020	Red (RD) ■	111-01589
MBT8HHFRFID	869MHz (UHF)	17	50	7.9	201	1 020	Red (RD) ■	156-01565
MBT14HHFRFID	869MHz (UHF)	17	102	7.9	362	1 020	Red (RD) ■	156-01566
MBT20HHFRFID	869MHz (UHF)	17	152	7.9	521	1 020	Red (RD) ■	156-01567
MBT27HHFRFID	869MHz (UHF)	17	203	7.9	681	1 020	Red (RD) ■	156-01568
MBT33HHFRFID	869MHz (UHF)	17	254	7.9	838	1 020	Red (RD) ■	156-01569

All dimensions in mm. Subject to technical changes.

Minimum Order Quantity (MOQ) may differ from package content. Other packaging options may also be available.

Recommended Tools

Type	MK9SST
Page	58

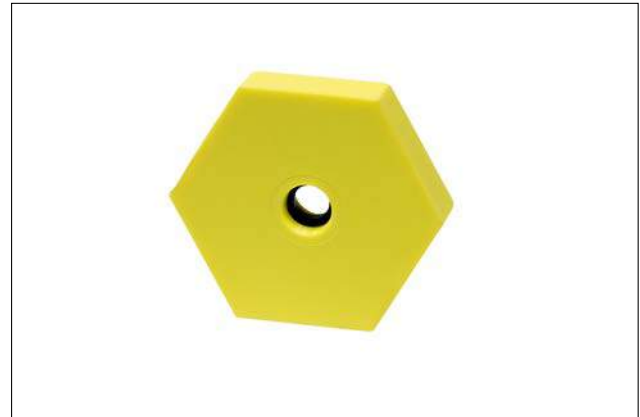
Suitable for the following industries:



Accessories with RFID Transponder

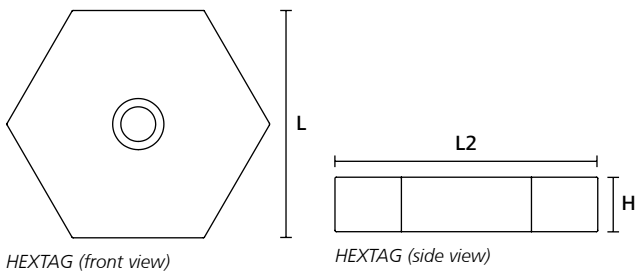
HEXTAG – High Frequency (HF)

- Idle temperature -40°C to +85°C
- Operating temperature -40°C to +85°C
- Flammability UL 94 V2
- Fitted using a fixing element through centre hole
- Flexible, contactless data communication
- Clear identification of objects through unique numbering
- Faster data management compared to paper solution
- More accurate documentation processes – prevention of human errors
- Robust and resistant to harsh environments and cleaning processes
- High frequency (HF – 13.56MHz)
- Rewritable
- Yellow colour for easy visual detection
- Central hole allows a simple mounting in applications where a RFID cable tie solution is not suitable



RFID HEXTAG – for applications where a RFID cable tie solution is not suitable

HF ✓ RoHS ✓



Type	Frequency	Height (H)	Length (L)	Length (L2)	Material	Colour	Article-No.
RFID HEXTAG	13,56MHz (HF)	8	33.4	38.39	PA66	Yellow (YL)	151-01582

All dimensions in mm. Subject to technical changes.

Suitable for the following industries:



Accessories with RFID Transponder

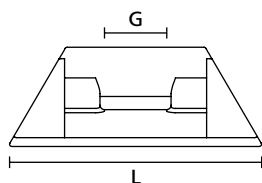
CRADLE – High Frequency (HF)

- Idle temperature -40°C to +85°C
- Operating temperature -25°C to +85°C
- Flammability UL 94 V2
- Cable tie slot to suit HellermannTyton's standard cable ties up to 7.9mm wide
- Suitable for salt water conditions
- Flexible, contactless data communication
- Clear identification of objects through unique numbering
- Faster data management compared to paper solution
- More accurate documentation processes – prevention of human errors
- Robust and resistant to harsh environments and cleaning processes
- Date on RFID chip can be reprogrammed (HF) – no waste
- Yellow colour for easy visual detection
- Other colours and frequencies are available on request
- High frequency (HF – 13.56MHz)
- Rewritable

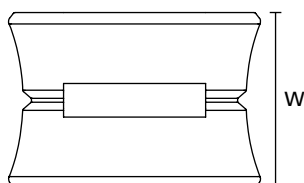


RFID CRADLE – can be used with a standard HellermannTyton cable tie

HF ✓ RoHS ✓



CRADLE (front view)



CRADLE (rear view)



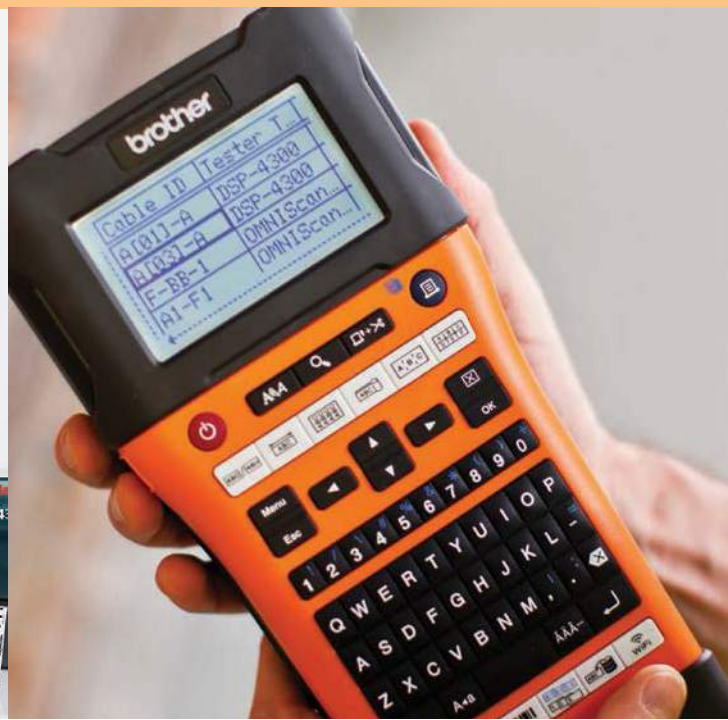
CRADLE (side view)

Type	Frequency	Width (W)	Length (L)	Strap Width max. (G)	Material	Colour	Article-No.
RFID CRADLE	13,56MHz (HF)	19.8	27.9	7.9	TPU	Yellow (YL) ■	151-01472

All dimensions in mm. Subject to technical changes.

Suitable for the following industries:





5.2 Printers and Labels

Hand-held Labelling Printers

- Brother P-touch 208-209
- HellermannTyton HTZ Heatshrink Compatible Tapes 208
- HellermannTyton HTZ Compatible Tapes 209
- Dymo 210-211
- Dymo Printer Tapes 211

Desktop Printers and Accessories

- Thermal Transfer Printers (TT431) 212

Labelling Software

- TagPrint Pro 4.0 212

Printer Ribbons

- Thermal Printer Ribbons – Heatshrink and TIPTAGS 213

Heatshrink Labels

- Shrinkable Markers "Ladder Style" Thermal Transfer 214-217

Industrial Application Labels

- Panel Plate Labels Thermal Transfer 218-219

Security Labelling

- Tamper-Evident Security Labelling Thermal Transfer 220

Brother P-Touch D210

- 20.0mm/sec print speed
- 14 Fonts (8 Alpha, 6 Numeric)
- 617 Symbols
- 99 Frames
- Uses 6.0/9.0/12.0mm tapes
- Uses X6 AAA Alkaline Batteries (not included)
- Auto design & deco mode functions
- Easy to view LCD screen

Code	Description
PTD210	Home and office labeller



Brother P-Touch PTH110

- Prints labels up to 12mm in width
- 180dpi Print
- Print speed of 20mm/second
- Three fonts, 10 text styles and three character sizes
- 253 Symbols
- 15 Decorative frames

Code	Description
PTH110	Home and office labeller



HellermannTyton HTZ Heatshrink Compatible Tapes

Code	Tape (W)	Tape (L)	Colour	Article-No.
HTZHS12BKYL	12	1.5	Black/Yellow	911-01641
HTZHS6BKWT	6	1.5	Black/White	
HTZHS6BKYL	6	1.5	Black/Yellow	
HTZHS9BKWT	9	1.5	Black/White	911-01637
HTZHS9BKYL	9	1.5		
HTZHS12BKWT	12	1.5	Black/White	911-01640

Heatshrink tube, strong adhesive tape & flexi tape available on request.
Other tapes and colours available upon request.



Brother P-Touch E300

- Complete with durable carry case
- AC adaptor included
- Advanced serialisation features
- PC style keyboard
- 20.0mm/sec print speed
- Cable wrap, cable flag, face plate, patch panel and heatshrink tubing labelling functions
- Tape widths - 6.0/9.0/12.0/18.0mm
- 2.0 x 8.0mm TZ laminated tape included (18.0mm)

Code	Description
PTE300	Industrial hand-held labeller



Brother P-Touch PTE550

- Complete with durable carry case
- AC adaptor included
- QWERTY keypad
- 30.0mm/sec print speed
- 12 Fonts and 384 built-in symbols
- DB board, flag, cable wrap & USB download labelling functions
- Tape widths - 6.0/9.0/12.0/18.0/24.0mm
- 2.0 x 8.0mm TZ laminated tape included (12.0 & 24.0mm)
- Wi-Fi and USB

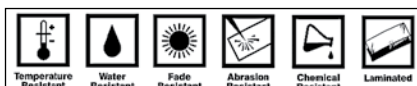
Code	Description
PTE550	Industrial hand-held labeller



HellermannTyton HTZ Compatible Tapes

Code	Tape (W)	Length (m)	Colour	Article-No.
HTZ121	9	8	Black/CL	911-01620
HTZ131	12	8	Black/CL	911-01621
HTZ231	12	8	Black/White	911-01624
HTZ233	12	8	Blue/White	911-01626
HTZ251	24	8	Black/White	911-01628
HTZ621	9	8	Black/Yellow	911-01630
HTZ631	12	8	Black/Yellow	911-01631
HTZ641	28	8	Black/Yellow	911-01632

Tape (w) in mm. Strong adhesive tape & flexi tape available on request. Other tapes and colours available upon request.



Material specifications available on request.



Dymo Label Manager 160

- 8 Print styles
- 2 Print lines
- 6 Print sizes
- QWERTY keyboard
- 228 symbols and clip-art images
- Tape widths - 6.0/9.0/12.0mm (Standard D1 labels)
- 12.0mm/sec print speed
- 180dpi Print resolution

Code	Description
DYMO160	Industrial hand-held labeller



Dymo Rhino M1011

- Uses 12.0mm stainless steel and aluminium labels
- Built-in hole punch
- Built-in cable tie slot punch
- Easy-to-use cutting handle
- Deep emboss ensures excellent character legibility
- Rugged cast aluminium frame

Code	Description	Width (W)	Length (m)
DYMO11	Dymo Industrial Metal Tape Embosser		
DYTM11AA	Aluminium Tape - Adhesive	12	3.6
DYTM11AL	Aluminium Tape	12	4.8
DYTM11SS	Stainless Steel Tape	12	6.4

All dimensions in mm. Subject to technical changes.



Dymo Rhino Industrial 4200 Kit

- 5 Print styles
- 5 Print lines
- 7 Print sizes
- QWERTY keyboard
- Pre-programmed library with 150 symbols
- Tape widths - 6.0/9.0/12.0/19.0mm (IND Rhino labels)
- 15.0mm/sec print speed
- 180dpi Print resolution
- Print directly onto IND Heatshrink Tube
- Carry case

Code	Description
DYMO4200KIT	Industrial hand-held labeller



Dymo Rhino Industrial 6000 Kit

- 5 Print styles
- 5 Print lines
- 7 Print sizes
- ABC keyboard
- Pre-programmed library with 250+ symbols
- Tape widths - 6.0/9.0/12.0/19.0/24.0mm (IND Rhino labels)
- 10.0mm/sec print speed
- 180dpi Print resolution
- Print directly onto IND heatshrink tube
- Rechargeable battery pack
- Connect to PC via USB
- Create downloadable labels on your PC using Rhino Connect Software



Code	Description
DYMO6000KIT	Industrial hand-held labeller

Dymo Printer Tapes

Code	Width (W)	Length (m)	Material	Colour
DYT12BKWT	12	7	Laminated	Black/White
DYT12FNBKWT	12	3.5	Nylon	Black/White
DYT19FNBKWT	19	3.5	Nylon	Black/White
DYT12PPBKWT	12	3.5	Polyester	Black/White
DYT19PPBKWT	19	3.5	Polyester	Black/White
DYT12VBKWT	12	5.5	Vinyl	Black/White
DYT19VBKWT	19	3.5	Vinyl	Black/White
*DYT6HSBKYL	6	1.5	Heatshrink	Black/Yellow
*DYT9HSBKYL	9	1.5	Heatshrink	Black/Yellow
*DYT12HSBKYL	12	1.5	Heatshrink	Black/Yellow
*DYT19HSBKYL	19	1.5	Heatshrink	Black/Yellow

All dimensions in mm. Subject to technical changes.

* Heatshrink tape 3:1 shrink ratio / Only compatible with Rhino labelling tools

D1 Labels feature:



UV Resistant



Water Resistant



Cold/Heat Resistant

Other tape colours and sizes available upon request.

Industrial Labels feature:



Easy-Peel Backing



UV Resistant



Water Resistant



Cold/Heat Resistant



Oil Resistant



Chemical Resistant



Thermal Transfer Printer

TT431, Small to Medium Print Volumes

- Standard applications e.g. barcodes (2D), warning symbols, graphics and alphanumeric characters
- Thermal Transfer material:
 - TIPTAG cable markets
 - Shrinkable markers
 - Labels
- Colour touch display with clear menu tree structure
- Windows compatible

Technical Overview

Article-No.(order Code)	556-00400
Print Method	Thermal transfer
Print Resolution (dpi)	300
Max Print Speed (mm/s)	150
Max Print Width (mm)	105.7
Interface	3x USB ports – all support 500mA
Storage	RAM up to 256MB Flash 50MB
Software	TagPrint Pro 3.0
Dimensions (mm)	243(W) x 189(H) x 322(L)
Weight (kg)	4



i Colour touch screen with menu based on smartphone functionality

Labelling Software

TagPrint Pro 4.0

- Easy to use label/marker design and printing software
- Print automation allows labels to be printed at multiple printers simultaneously
- Visual preview allows users to view leable designs
- Connect or import directly from other databases including Excel, Access, text files
- Text, graphics and barcode functionalities
- Advance security feature



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

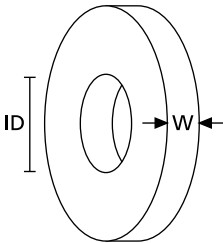
Technical Overview

Article-No.	556-00059
System Requirements	Windows compatible NET Framework 4 1.0 GB RAM/ 500 MB HDD

Thermal Printer Ribbons

Heatshrink and TIPTAGS

- High quality print
- Ribbons specifically designed to maximize print performance for recommended material
- Standard inside core diameter is 25.4mm



Ribbons for printing on tubes and Tiptags

RoHS ✓



Thermal transfer print technology heats up certain dots in print head. Transfers ink very precisely from ribbon onto print material surface.

Ordering Information

Type	Recommended Material	Colour	Width (W)	Length (m)	Article-No.
TT822OUT8 110MM	TCGT/TULT	Silver (SR) ■	110	300	556-00161
TTRW 30MM	TCGT/TULT(DS)	White (WT) □	30	300	556-00125
TTRW 60MM	TCGT/TULT(DS)	White (WT) □	60	300	556-00137
TTDTHOUT 40MM	TCGT/TULT(DS)/TLFX(DS)/TDRT(DS)/TLFD DS/TIPTAG	Black (BK) ■	40	300	556-00139
TTDTHOUT 60MM	TCGT/TULT(DS)/TLFX(DS)/TDRT(DS)/TLFD DS/TIPTAG	Black (BK) ■	60	300	556-00140
TTDTHOUT 100MM	TCGT/TULT(DS)/TLFX(DS)/TDRT(DS)/TLFD DS/TIPTAG	Black (BK) ■	100	300	556-00141
TTRHTBK 70MM	THTT/THTT DS/TAGHT	Black (BK) ■	70	300	556-00204
TTRHTBK 100mm	THTT/THTT DS/TAGHT	Black (BK) ■	100	300	556-00210
TTRHTWH 70mm	THTT/THTT DS/TAGHT	White (WT) □	70	300	556-00209
TTRHTWH 100mm	THTT/THTT DS/TAGHT	White (WT) □	100	300	556-00211
TTRC+ 30MM	TIPTAG PU/TCGT/TULT	Black (BK) ■	30	300	556-00114
TTRC+ 60MM	TIPTAG PU/TCGT/TULT	Black (BK) ■	60	300	556-00115
TTRC+ 100MM	TIPTAG PU/TCGT/TULT	Black (BK) ■	100	300	556-00103

All dimensions in mm. Subject to technical changes.

Minimum Order Quantity (MOQ) may differ from package content.

Shrinkable Markers "Ladder Style", Termal Transfer

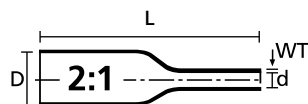
TLFX DS – 2:1 (Yellow and White)

- Shrink ratio 2:1
- Operating temperature -55°C to +105°C
- Min. Shrink temperature +100°C
- Low smoke propagation, density and toxicity
- High oxygen index value (35.4%)
- 50mm, 25mm and 16mm pre-cut marker options as standard, other lengths available on request
- Cable range 38.1mm to 1.2mm
- European rail approved 2:1 heatshrink marker material
- Pre-cut into a convenient "ladder" style
- Allows printing on both sides of marker
- Delivery in convenient storage boxes
- EN 45545-2 Classification R22 HL3, R23 HL3



Shrinkable rail approved markers TLFX DS

HF ✓ RoHS ✓ LFH ✓

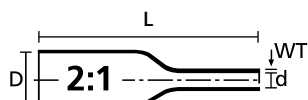


Type	Supplied ØD min.	Recovery Ød max.	Length (L)	Wall (WT)	Qty	Colour	Article-No.
TLFX24DS-2x25WH	2.4	1.2	25	0.52	10 000	White (WT) □	553-60020
TLFX24DS-2x25YE	2.4	1.2	25	0.52	10 000	Yellow (YL) ■	553-60029
TLFX24DS-1x50WH	2.4	1.2	50	0.52	5 000	White (WT) □	553-60000
TLFX24DS-1x50YE	2.4	1.2	50	0.52	5 000	Yellow (YL) ■	553-60010
TLFX32DS-2x25WH	3.2	1.6	25	0.64	10 000	White (WT) □	553-60021
TLFX32DS-2x25YE	3.2	1.6	25	0.64	10 000	Yellow (YL) ■	553-60030
TLFX32DS-1x50WH	3.2	1.6	50	0.64	5 000	White (WT) □	553-60001
TLFX32DS-1x50YE	3.2	1.6	50	0.64	5 000	Yellow (YL) ■	553-60011
TLFX48DS-2x25WH	4.8	2.4	25	0.64	10 000	White (WT) □	553-60022
TLFX48DS-2x25YE	4.8	2.4	25	0.64	10 000	Yellow (YL) ■	553-60031

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

EN 45545-2 **ASTM** **NF F** **UNI CEI**

TLFX DS – 2:1 (Yellow and White)



Type	Supplied ØD min.	Recovery Ød max.	Length (L)	Wall (WT)	Qty	Colour	Article-No.
TLFX48DS-1x50WH	4.8	2.4	50	0.64	5 000	White (WT) <input type="checkbox"/>	553-60002
TLFX48DS-1x50YE	4.8	2.4	50	0.64	5 000	Yellow (YL) <input checked="" type="checkbox"/>	553-60012
TLFX64DS-2x25WH	6.4	3.2	25	0.73	6 000	White (WT) <input type="checkbox"/>	553-60023
TLFX64DS-2x25YE	6.4	3.2	25	0.73	6 000	Yellow (YL) <input checked="" type="checkbox"/>	553-60032
TLFX64DS-1x50WH	6.4	3.2	50	0.73	3 000	White (WT) <input type="checkbox"/>	553-60003
TLFX64DS-1x50YE	6.4	3.2	50	0.73	3 000	Yellow (YL) <input checked="" type="checkbox"/>	553-60013
TLFX95DS-2x25WH	9.5	4.8	25	0.70	5 000	White (WT) <input type="checkbox"/>	553-60024
TLFX95DS-2x25YE	9.5	4.8	25	0.70	5 000	Yellow (YL) <input checked="" type="checkbox"/>	553-60033
TLFX95DS-1x50WH	9.5	4.8	50	0.70	2 500	White (WT) <input type="checkbox"/>	553-60004
TLFX95DS-1x50YE	9.5	4.8	50	0.70	2 500	Yellow (YL) <input checked="" type="checkbox"/>	553-60014
TLFX127DS-2x25WH	12.7	6.4	25	0.70	3 000	White (WT) <input type="checkbox"/>	553-60025
TLFX127DS-2x25YE	12.7	6.4	25	0.70	3 000	Yellow (YL) <input checked="" type="checkbox"/>	553-60034
TLFX127DS-1x50WH	12.7	6.4	50	0.70	1 500	White (WT) <input type="checkbox"/>	553-60005
TLFX127DS-1x50YE	12.7	6.4	50	0.70	1 500	Yellow (YL) <input checked="" type="checkbox"/>	553-60015
TLFX190DS-2x25WH	19	9.5	25	0.78	3 000	White (WT) <input type="checkbox"/>	553-60026
TLFX190DS-2x25YE	19	9.5	25	0.78	3 000	Yellow (YL) <input checked="" type="checkbox"/>	553-60035
TLFX190DS-1x50WH	19	9.5	50	0.78	1 500	White (WT) <input type="checkbox"/>	553-60006
TLFX190DS-1x50YE	19	9.5	50	0.78	1 500	Yellow (YL) <input checked="" type="checkbox"/>	553-60016
TLFX254DS-2x25WH	25.4	12.7	25	0.93	2 000	White (WT) <input type="checkbox"/>	553-60027
TLFX254DS-2x25YE	25.4	12.7	25	0.93	2 000	Yellow (YL) <input checked="" type="checkbox"/>	553-60036
TLFX254DS-1x50WH	25.4	12.7	50	0.93	1 000	White (WT) <input type="checkbox"/>	553-60007
TLFX254DS-1x50YE	25.4	12.7	50	0.93	1 000	Yellow (YL) <input checked="" type="checkbox"/>	553-60017
TLFX381DS-2x25WH	38.1	19.1	25	0.98	1 000	White (WT) <input type="checkbox"/>	553-60028
TLFX381DS-2x25YE	38.1	19.1	25	0.98	1 000	Yellow (YL) <input checked="" type="checkbox"/>	553-60037
TLFX381DS-1x50WH	38.1	19.1	50.0	0.98	500	White (WT) <input type="checkbox"/>	553-60008
TLFX381DS-1x50YE	38.1	19.1	50.0	0.98	500	Yellow (YL) <input checked="" type="checkbox"/>	553-60018

All dimensions in mm. Subject to technical changes.

Minimum Order Quantity (MOQ) may differ from package content.

Recommended Printers

Ribbon	Printer	Page
TTDTHOUT	TT431	212

Suitable for the following industries:



EN 45545-2 ASTM NF F UNI CEI

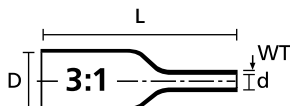
Shrinkable Markers "Ladder Style", Thermal Transfer

TULT DS – 3:1 (Yellow and White)

- Shrink ratio 3:1
- Operating temperature -55°C to +135°C
- Min. shrink temperature +90°C
- 50mm, 25mm and 16mm pre-cut marker options as standard, other lengths available on request
- Good mechanical strength and resistance to organic solvents and chemicals
- Highly flexible
- Delivery in convenient storage boxes
- Pre-cut and formatted into a convenient "ladder" style
- Printing on both sides of the marker
- UL recognised



TULT DS – shrinkable markers with good mechanical strength for a wide range of applications



Type	Supplied ØD min.	Recovery Ød max.	Length (L)	Wall (WT)	Material	Qty	Colour	Article-No.
TULT2.4-0.8DS-2x25WH	2.4	0.8	25	0.73	PO-X	2 000	White (WT) <input type="checkbox"/>	553-71002
TULT2.4-0.8DS-2x25YE	2.4	0.8	25	0.73	PO-X	2 000	Yellow (YL) <input checked="" type="checkbox"/>	553-71003
TULT2.4-0.8DS-1x50WH	2.4	0.8	50	0.73	PO-X	1 000	White (WT) <input type="checkbox"/>	553-71000
TULT2.4-0.8DS-1x50YE	2.4	0.8	50	0.73	PO-X	1 000	Yellow (YL) <input checked="" type="checkbox"/>	553-71001

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

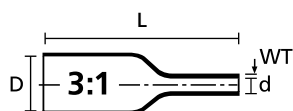
Recommended Printers

Ribbon	Printer	Page
TTDTHOUT	TT431	212

Suitable for the following industries:



TULT DS – 3:1 (Yellow and White)



Type	Supplied ØD min.	Recovery Ød max.	Length (L)	Wall (WT)	Material	Qty	Colour	Article-No.
TULT3-1DS-2x25WH	3	1	25	0.6	PO-X	2 000	White (WT) □	553-71008
TULT3-1DS-2x25YE	3	1	25	0.6	PO-X	2 000	Yellow (YL) ■	553-71009
TULT3-1DS-1x50WH	3	1	50	0.6	PO-X	1 000	White (WT) □	553-71006
TULT3-1DS-1x50YE	3	1	50	0.6	PO-X	1 000	Yellow (YT) ■	553-71007
TULT4.8-1.6DS-2x25WH	4.8	1.6	25	0.66	PO-X	2 000	White (WT) □	553-71014
TULT4.8-1.6DS-2x25YE	4.8	1.6	25	0.66	PO-X	2 000	Yellow (YL) ■	553-71015
TULT4.8-1.6DS-1x50WH	4.8	1.6	50	0.66	PO-X	1 000	White (WT) □	553-71012
TULT4.8-1.6DS-1x50YE	4.8	1.6	50	0.66	PO-X	1 000	Yellow (YL) ■	553-71013
TULT6-2DS-2x25WH	6	2	25	0.69	PO-X	2 000	White (WT) □	553-71020
TULT6-2DS-2x25YE	6	2	25	0.69	PO-X	2 000	Yellow (YL) ■	553-71021
TULT6-2DS-1x50WH	6	2	50	0.69	PO-X	1 000	White (WT) □	553-71018
TULT6-2DS-1x50YE	6	2	50	0.69	PO-X	1 000	Yellow (YL) ■	553-71019
TULT9-3DS-2x25WH	9	3	25	0.79	PO-X	1 000	White (WT) □	553-71026
TULT9-3DS-2x25YE	9	3	25	0.79	PO-X	1 000	Yellow (YL) ■	553-71027
TULT9-3DS-1x50WH	9	3	50	0.79	PO-X	500	White (WT) □	553-71024
TULT9-3DS-1x50YE	9	3	50	0.79	PO-X	500	Yellow (YL) ■	553-71025
TULT12-4DS-2x25WH	12	4	25	0.84	PO-X	1 000	White (WT) □	553-71032
TULT12-4DS-2x25YE	12	4	25	0.84	PO-X	1 000	Yellow (YL) ■	553-71033
TULT12-4DS-1x50WH	12	4	50	0.84	PO-X	500	White (WT) □	553-71030
TULT12-4DS-1x50YE	12	4	50	0.84	PO-X	500	Yellow (YL) ■	553-71031
TULT18-6DS-2x25WH	18	6	25	1	PO-X	1 000	White (WT) □	553-71038
TULT18-6DS-2x25YE	18	6	25	1	PO-X	1 000	Yellow (YL) ■	553-71039
TULT18-6DS-1x50WH	18	6	50	1	PO-X	500	White (WT) □	553-71036
TULT18-6DS-1x50YE	18	6	50	1	PO-X	500	Yellow (YL) ■	553-71037
TULT24-8DS-2x25WH	24	8	25	1.2	PO-X	500	White (WT) □	553-71044
TULT24-8DS-2x25YE	24	8	25	1.2	PO-X	500	Yellow (YL) ■	553-71045
TULT24-8DS-1x50WH	24	8	50	1.2	PO-X	250	White (WT) □	553-71042
TULT24-8DS-1x50YE	24	8	50	1.2	PO-X	250	Yellow (YL) ■	553-71043
TULT39-13DS-2x25WH	39	13	25	1.25	PO-X	500	White (WT) □	553-71050
TULT39-13DS-2x25YE	39	13	25	1.25	PO-X	500	Yellow (YL) ■	553-71051
TULT39-13DS-1x50WH	39	13	50.0	1.25	PO-X	250	White (WH) □	553-71048
TULT39-13DS-1x50YE	39	13	50.0	1.25	PO-X	250	Yellow (YL) ■	553-71049

All dimensions in mm. Subject to technical changes.

Minimum Order Quantity (MOQ) may differ from package content.



Panel Plate Labels, Thermal Transfer

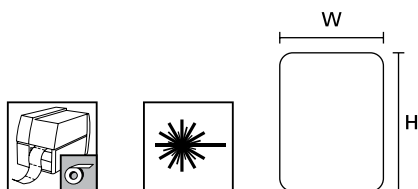
HELATAG 1221 (Silver)

- Operating temperature -40°C to +90°C
- Curing temperature from +4°C
- Adhesive acrylic
- Thickness of foil 625µm
- Excellent resistance to ageing, weathering, UV-radiation and influence of chemicals and solvents
- 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
- Rounded corners ensure better long term durability of adhesion
- Print high contrast text and barcodes
- Print 'On Site' not order 'Off Site'
- Special sizes and colours available on request
- For outstanding chemical resistance use TT122OUT



Panel labels are an ideal replacement for engraved plates

RoHS ✓



Type	Width (W)	Height (H)	Width of Liner (WL)	Material	Qty	Colour	Article-No.
TAG13-07TDK1-1221-SR	13	7	21	PET	1 000	Silver (SR) ■	596-00573
TAG22-22TDK1-1221-SR	22	22	28	PET	1 000	Silver (SR) ■	596-00574
TAG27-08TDK1-1221-SR	27	8	33	PET	1 000	Silver (SR) ■	596-00575
TAG27-12.5TDK1-1221-SR	27	12.5	33	PET	1 000	Silver (SR) ■	596-00576
TAG27-15TDK1-1221-SR	27	15	33	PET	1 000	Silver (SR) ■	596-00577
TAG27-18TDK1-1221-SR	27	18	33	PET	1 000	Silver (SR) ■	596-00578
TAG27-27TDK1-1221-SR	27	27	33	PET	1 000	Silver (SR) ■	596-00579
TAG35-18TDK1-1221-SR	35	18	41	PET	1 000	Silver (SR) ■	596-00580
TAG45-15TDK1-1221-SR	45	15	51	PET	1 000	Silver (SR) ■	596-00581
TAG45-25TDK1-1221-SR	45	25	51	PET	1 000	Silver (SR) ■	596-00582
TAG60-30TDK1-1221-SR	60	30	66	PET	500	Silver (SR) ■	596-00583
TAG90-45TDK1-1221-SR	90	45	96	PET	500	Silver (SR) ■	596-00584
TAG100-30TDK1-1221-SR	100	30	106	PET	250	Silver (SR) ■	596-00585
TAG100-70TDK1-1221-SR	100	70	106	PET	250	Silver (SR) ■	596-00586

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

Recommended Printers

Ribbon	Printer	Page
TTDTHOUT	TT431	212
TT822OUT	TT431	212

Suitable for the following industries:



Panel Plate Labels, Thermal Transfer

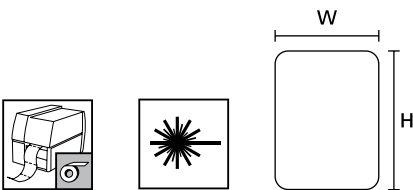
HELATAG 1220 (White)

- Operating temperature -40°C to +90°C
- Curing temperature from +4°C
- Adhesive Acrylic
- Thickness of foil 625µm
- Excellent resistance to ageing, weathering and UV-radiation. Extensive resistance to the influence of chemicals and solvents.
- 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
- Print high contrast text and barcodes
- Print 'On Site' not order 'Off Site'
- Special sizes and colours are possible on request
- For outstanding chemical resistance use TT1220UT



Panel labels Helatag 1220 – high performance adhesive ensures optimal adhesion to uneven surfaces

RoHS ✓



Type	Width (W)	Height (H)	Width of Liner (WL)	Material	Labels per Row	Qty	Colour	Article-No.
TAG13-07TDK1-1220-WH	13	7	21	PET	1 pc.	1 000	White (WT) <input type="checkbox"/>	596-00560
TAG22-22TDK1-1220-WH	22	22	28	PET	1 pc.	1 000	White (WT) <input type="checkbox"/>	596-00561
TAG27-08TDK1-1220-WH	27	8	33	PET	1 pc.	1 000	White (WT) <input type="checkbox"/>	596-00562
TAG27-12.5TDK1-1220-WH	27	12.5	33	PET	1 pc.	1 000	White (WT) <input type="checkbox"/>	596-00558
TAG27-15TDK1-1220-WH	27	15	33	PET	1 pc.	1 000	White (WT) <input type="checkbox"/>	596-00563
TAG27-18TDK1-1220-WH	27	18	33	PET	1 pc.	1 000	White (WT) <input type="checkbox"/>	596-00564
TAG27-27TDK1-1220-WH	27	27	33	PET	1 pc.	1 000	White (WT) <input type="checkbox"/>	596-00565
TAG35-18TDK1-1220-WH	35	18	41	PET	1 pc.	1 000	White (WT) <input type="checkbox"/>	596-00566
TAG45-15TDK1-1220-WH	45	15	51	PET	1 pc.	1 000	White (WT) <input type="checkbox"/>	596-00567
TAG45-25TDK1-1220-WH	45	25	51	PET	1 pc.	1 000	White (WT) <input type="checkbox"/>	596-00568
TAG60-30TDK1-1220-WH	60	30	66	PET	1 pc.	500	White (WT) <input type="checkbox"/>	596-00569
TAG90-45TDK1-1220-WH	90	45	96	PET	1 pc.	500	White (WT) <input type="checkbox"/>	596-00570
TAG100-30TDK1-1220-WH	100	30	106	PET	1 pc.	250	White (WT) <input type="checkbox"/>	596-00571
TAG100-70TDK1-1220-WH	100	70	106	PET	1 pc.	250	White (WT) <input type="checkbox"/>	596-00572

All dimensions in mm. Subject to technical changes.

Minimum Order Quantity (MOQ) may differ from package content.

Recommended Printers

Ribbon	Printer	Page
TTDTHOUT	TT431	212
TT822OUT	TT431	212

Suitable for the following industries:



Tamper-Evident Security Labelling, Thermal Transfer

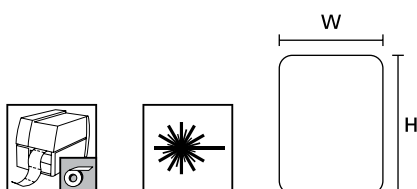
HELATAG 1203 (Silver)

- Operating temperature -40°C to +120°C
- Curing temperature from +7°C
- Adhesive Acrylic
- Thickness of foil 53µm
- Excellent resistance to water, alcohol, most oils, greases, fuel, freezing fluid, brake fluid, aliphatic solvents, weak acids, salts and alkalis
- Tamper-evident labels leave clear reminder that label has been removed
- Mark assets securely and unambiguously
- Print labels with customer unique references
- Use text, graphics and barcodes as required



Highly visible tamper evidence

HF ✓ RoHS ✓



Type	Width (W)	Height (H)	Width of Liner (WL)	Material	Qty	Colour	Article-No.
TAG71TD6-1203-SR	12.7	11.1	101.6	PET	15 000	Silver (SR) ■	596-71120
TAG15TD3-1203-SR	25.4	12.7	85.1	PET	7 500	Silver (SR) ■	596-51203
TAG27TD2-1203-SR	38.1	19.1	85.1	PET	2 500	Silver (SR) ■	596-71203
TAG67TD2-1203-SR	38.1	31.8	85.1	PET	1 000	Silver (SR) ■	596-67120
TAG73TD1-1203-SR	50.8	25.4	55	PET	2 000	Silver (SR) ■	596-73120
TAG66TD1-1203-SR	50.8	36.5	56.8	PET	1 000	Silver (SR) ■	596-66120
TAG68TD1-1203-SR	63.5	25.4	69	PET	2 000	Silver (SR) ■	596-68120
TAG63TD1-1203-SR	63.5	38.1	70	PET	1 000	Silver (SR) ■	596-63120
TAG76TD1-1203-SR	63.5	50.8	70	PET	500	Silver (SR) ■	596-76120
TAG62TD1-1203-SR	76.2	50.8	82	PET	500	Silver (SR) ■	596-21203
TAG64TD1-1203-SR	88.9	36.5	95	PET	1 000	Silver (SR) ■	596-64120
TAG98TD1-1203-SR	101	160	105	PET	250	Silver (SR) ■	596-98120
TAG97TD1-1203-SR	101.6	74	106	PET	500	Silver (SR) ■	596-97120

Recommended Printers

Ribbon	Printer	Page
TT822OUT	TT431	212

Suitable for the following industries:

