HellermannTyton

Product solutions
for the healthcare sector

HellermannTyton

Cable management product solutions that help maintain hygiene and safety

Hygiene, safety and identification of equipment and infrastructure are mandatory in the healthcare sector. Consequently, cable management products that support these requirements are essential accessories.

HellermannTyton products are used around the world to secure, guide, insulate, protect and reliably identify cables and equipment in medical, clinical, laboratory and food processing environments.

From decades of experience producing cable management solutions across all industries around the world, we understand your individual local needs in terms of safety, hygiene, quality assurance and quality control.

At HellermannTyton we are committed to meeting the highest standards in our business activities and processes, as well as in our environmental engagement. Consequently, you can count on our products and processes being certified to ISO 9001 and ISO 14001. Our solutions will also help you fulfil the requirements of EU-Regulation 2017/745 to uniquely identify and track medical devices.

HellermannTyton is an experienced development and production partner at your side

Why choose HellermannTyton? You can rely on our products to be simple to install, use and maintain. Our expertise helps you meet your efficiency and safety standards.

With over 80 years of experience manufacturing plastic parts by injection moulding and extrusion, HellermannTyton is able to offer you innovative standard, customised or optimised solutions for all your cable management needs.

Help where you need it – precisely how you need it

Our product development teams are present in all global regions and we manufacture at 17 sites in 14 countries. This enables us to serve all customers locally with the strength of our global knowledge.

If you can't find the ideal solution off-the-shelf, HellermannTyton is an experienced partner for the fulfilment of your customised part requirements.

Our project teams and designers are accustomed to complex, urgent and confidential requests.
They are ready to guide you on the ideal choice of material and geometry for parts that must meet industry-specific technical parameters.

Anti-microbial cable ties

MGT-Series

MGT-Series cable ties have excellent anti-bacterial, anti-fungal and anti-viral properties. These cable ties are used for bundling and holding cables or tubes for all applications in which microbial development is unacceptable. This attachment solution is ideal for hospitals, medical device manufacturers, pharmaceutical companies, etc.

Features and Benefits

• Anti-microbial effect against the majority of viruses, bacteria, moulds and algae found in our immediate environment. Our MGT cable ties have successfully passed anti-microbial tests, and the agent used in our products, Diiodomethyl-P-tolyl sulfone, is effective against Staphylococcus aureus and Escherichia coli
• Safe for the human body, as demonstrated via various toxicity tests, thanks to the material used in PA66 with an anti-bacterial / antifungal agent
• Good mechanical performance in return for a low insertion effort
• Secure and robust clamping performance on cables, thanks to internal serrations
• Fast and easy to position by hand, or using our EV07 manual tensioning tool

Applications

• All applications for which preventing microbial development is essential
• Bundling or attachment of cables or tubing for various equipment in hospitals or laboratories
• Suitable for use in aseptic environment

Hospital equipment fixated with an antibacterial cable tie.
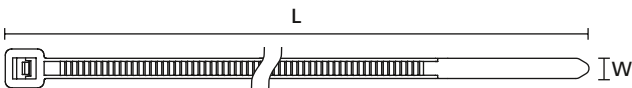
MGT-Series

TYPE	Width (W)	Length (L)	Bundle Ø max.	N	Material	Colour	Pack Cont.	Article-No.
MGT100	2.5	100.0	22.0	80	PA66 antibacterial	Aquamarine (AE)	100 pcs.	111-01731
MGT150	3.5	152.0	36.0	135	PA66 antibacterial	Aquamarine (AE)	100 pcs.	111-01732
MGT200	4.6	202.0	50.0	225	PA66 antibacterial	Aquamarine (AE)	100 pcs.	111-01733

All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content. Other packaging options may also be available.

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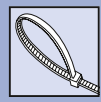
Cable tie withstands repeated sterilisation cycles

ACB-Series

The ACB cable tie has been specially designed to withstand repeated physical sterilisation processes (autoclaving, gamma irradiation sterilisation). This fixing solution, designed for polyphenylsulfone, a material recognised by the health sector, can be used by hospitals, manufacturers of medical devices, pharmaceutical companies and sterilisation treatment services.

Features and Benefits

- Excellent performance in a high temperature autoclave (up to + 160°C)
- Compatible with gamma irradiation sterilisation
- Superior resistance to water vapour and boiling water
- Good resistance to chemicals
- Excellent impact resistance
- Secure and robust hold, thanks to the internal serrations
- Fast and easy to position by hand, or using our EV07 manual tensioning tool

Applications

- All applications requiring sterilisation by autoclave or gamma irradiation
- Can be used for tube connectors intended for autoclaving
- Practical solution for attaching autoclavable labels to surgical instruments that are sterilised by autoclave
- Holds tubing in place for cleaning devices for medical apparatus (endoscope, autoclavable bag, etc.)

Cable tie can be used in autoclave and radiation sterilization.
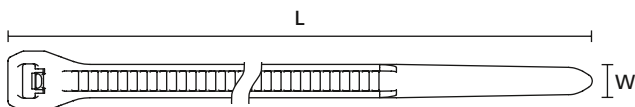
ACB-Series

TYPE	Width (W)	Length (L)	Bundle Ø max.	N	Material	Colour	Pack Cont.	Article-No.
ACB100	3.4	100.0	20.0	135	PPSU	Light Brown (LTBN)	100 pcs.	111-09000

All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content. Other packaging options may also be available.

Sterilisable cable tie formed to fit the shape of tubing

TBT-Series

The TBT cable tie withstands physical sterilisation processes. The chamfered head of this cable tie is a great asset, because it is formed to fit exactly the shape of the tubing, and thus enables secure coupling. This fixing solution for tubing fitments requiring autoclaving can be used by hospitals, manufacturers of medical devices, pharmaceutical companies and sterilisation treatment services.

Features and Benefits

- Chamfered head ensures secure and damage-free hold around the entire perimeter of the tubing, and for each connector
- Internal serration
- Excellent performance in a high temperature autoclave (up to +150°C)
- Excellent resistance to chemicals
- Resistant to abrasion
- Fast and easy to position by hand, or using our EV07 manual tensioning tool
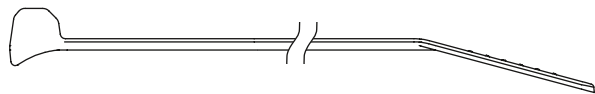
Applications

- All applications using an autoclave process
- Can be used for tube connectors requiring autoclaving

Fixation of artificial heart-lung lines with a Cable Tie.
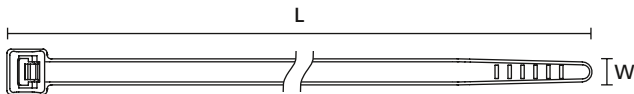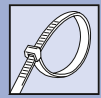
TBT-Series

Curved head design of TBT-Series

TYPE	Width (W)	Length (L)	Bundle Ø max.	N	Material	Colour	Pack Cont.	Article-No.
TBT150	3.9	150.0	36.0	240	PA9THS	White (WH)	100 pcs.	111-02208

All dimensions in mm. Subject to technical changes.
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Sterilisable cable tie with smooth head

PT-Series

PEEK cable ties have been specially designed for use in restrictive and demanding environments. Their excellent performance at high temperatures renders them particularly suitable for autoclaving medical devices and products. This fixing solution can be used by hospitals, manufacturers of medical devices, pharmaceutical companies and sterilisation treatment services.

Features and Benefits

- For high temperature applications from -55 °C up to +240 °C
- Outside serrated cable tie with smooth surface to the bundle
- Close fit to the cable bundle due to the deepening head shape
- Easy insertion combined with high tensile strength
- Takes up less space due to curved head design
- Combines the performance of a metal tie with the ease of use of a polyamide cable tie
- Manual and/or pneumatic tools available for greater process reliability

Applications

- All applications using autoclave process
- Can be used for tube connectors requiring autoclaving
- Enables a secure hold on tubing with thin or fragile insulation (e.g. tubing used to transfer solutions such as vaccines between containers etc.)

The contoured head takes up less space, gives a low insertion force and offers high strength.
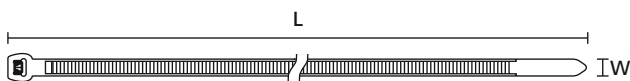
PEEK-Series

TYPE	Drawing	Width (W)	Length (L)	Bundle Ø min.	Bundle Ø max.	N	Material	Colour	Pack Cont.	Article-No.
PT2A		3.4	145.0	4.0	35.0	230	PEEK	Beige (BGE)	100 pcs.	118-00032

All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content. Other packaging options may also be available.

Please note! Not all products listed on this page may have this approval. Please check our website for latest approvals.
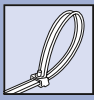
Cable tie locked by glass fibre pin

KR-Series, 1-Piece

KR-Series cable ties are distinguishable by the lack of serration on the strap and by their unique crimp lock system. These cable ties are particularly suited to applications where vibration is a factor. They make it possible to connect connectors for tubing, pipes, or various gussets in the medical sector.

Features and Benefits

• Pin-locked patented cable tie system
• Cable tie with high tensile strength
• Strap without serration to avoid damage to connectors
• Cable tie can withstand environments subject to vibration, thanks to lateral ridges that run the length of the strap
• Cable tie resistant to both low and high temperatures
• Fast and easy to apply, thanks to our manual tensioning tool KR6/8

Applications

• All applications requiring the use of connectors
• For fixing cables or tube connectors to medical devices that require regular handling and movement from place to place
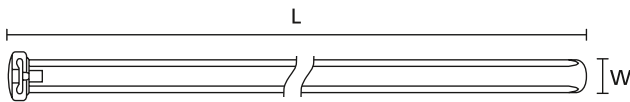

The KR-Series has been repeatedly proven in high vibration applications.
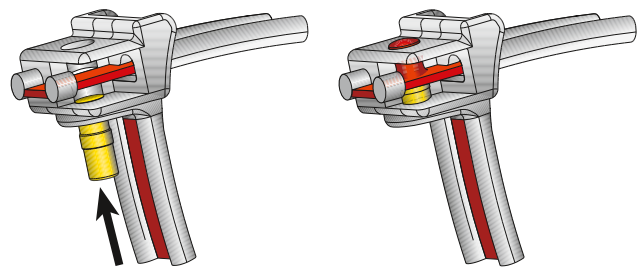

The unlocked head (yellow) of a KR-tie.   *The cable tie (red) is locked into place with the pin.*

Cable tie KR-Series

TYPE	Width (W)	Length (L)	Bundle Ø max.	N	Material	Colour	Pack Cont.	Article-No.
KR6/35	6.1	360.0	93.0	490	PA66HS	Natural (NA)	50 pcs.	121-63555
KR8/21	8.0	210.0	47.0	785	PA66HS	Natural (NA)	50 pcs.	121-82155
KR8/33	8.0	337.0	86.0	785	PA66HS	Natural (NA)	50 pcs.	121-83355
KR8/43	8.0	426.0	105.0	785	PA66HS	Natural (NA)	50 pcs.	121-74359

All dimensions in mm. Subject to technical changes.
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Cable Tie With Magnetic Closure

Cable Koala - Magnetic Cable Tie

The Cable Koala has been designed for use in a medical environment. The magnetic fastening and the soft, flexible material makes the Cable Koala ideal solution for managing cables and tubes around hospital beds and metal frameworks. With a smooth surface, there are no recesses where bacteria can build up like with regular cable ties, aiding infection prevention in a medical environment.

Features and Benefits

- Soft, flexible and elastic
- Integrated magnets within each end of the cable tie strap
- Multi-purpose application - used on metal surfaces, wrapped around frameworks or attached to itself
- Reusable- easy fastening and releasable cable tie
- Smooth surfaces of the Cable Koala cable tie with no recesses where bacteria can be trapped- facilitating infection control
- Customisable- magnetic cable tie can be printed on for identification purposes i.e. hospital name
- Easily identifiable due to bright colour
- Chemical and weathering resistant

Applications

- Secures cables to the sides of hospital beds using magnets
- Accessory for temporary organisation of cables or tubing on portable medical devices that need to be moved from room to room

Hose with magentic CKL330 attached to the hospital bed.
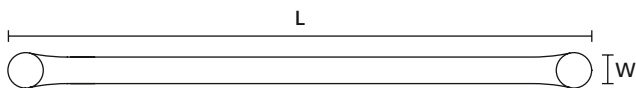
CKL-Series

TYPE	Width (W)	Length (L)	Material	Colour	Pack Cont.	Article-No.
CKL330	15.0	330.0	TPE	Yellow (YE)	5 pcs.	115-00140

All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content. Other packaging options may also be available.

Cable ties inside serrated with one-hand release mechanism

Releasable cable ties offer a solution of choice for temporary application, for packaging or securing cables, tubing etc.

These cable ties offer the advantage of being able to be released and re-secured quickly and simply. The cable ties in the REZ and ORF series are distinguishable by their

opening system works either by pinching the wings or pressing the lever lock.

Features and Benefits

- Releasable and reusable cable ties
- Simple release system: either by pinching the wings (REZ series), or pressing the lever lock (ORF series)
- Release the cable tie with one hand, even with gloves
- Cable ties, serrated inside (REZ series) or serrated outside (ORF series)
- Easily recognisable, thanks to their colour
- Available in several colours and sizes

Applications

- All applications requiring temporary securing of cables, tubing etc.
- Packaging applications (closing, opening bags, packets etc.)
- Secures different cables and tubing to prevent them from touching the floor
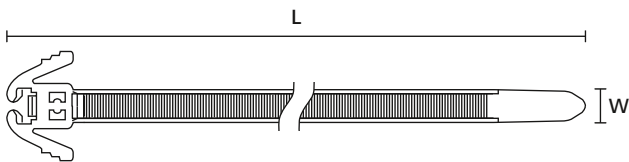- Enables the organisation of power cables for electrical equipment
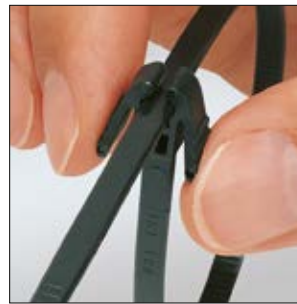
The REZ ties have a one-hand, simple release mechanism.

*Resueable ORF-Tie with lever lock.*

REZ-Series

REZ-Series

TYPE	Width (W)	Length (L)	Bundle Ø max.	N	Material	Colour	Pack Cont.	Article-No.
REZ200	4.7	200.0	50.0	135	PA66	Black (BK)	100 pcs.	115-40200
	4.7	200.0	50.0	135	PA66	Green (GN)	100 pcs.	115-00106

All dimensions in mm. Subject to technical changes. Minimum Order Quantity (MOQ) may differ from package content. Other packaging options may also be available.

ORF-Series
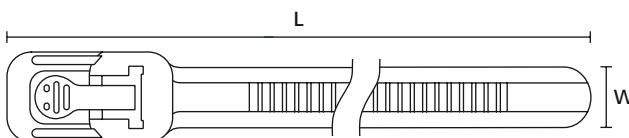
ORF-Series

TYPE	Width (W)	Length (L)	Bundle Ø max.	N	Material	Colour	Pack Cont.	Article-No.
ORF200	7.4	202.0	45.0	222	PA66	Yellow (YE)	100 pcs.	115-00121
ORF300	7.4	301.0	78.0	222	PA66	Natural (NA)	100 pcs.	115-00122

All dimensions in mm. Subject to technical changes. Minimum Order Quantity (MOQ) may differ from package content. Other packaging options may also be available.

Cable ties with quick release mechanism

SpeedyTie

The versatility of the SpeedyTie means that it is suitable for a multitude of applications like electro installations, heating and ventilation, construction, exhibitions and trade fairs. Whether it is used for permanent or temporarily solutions the SpeedyTie is a very strong helping hand in every situation.

Features and Benefits

- Releasable and reusable cable tie
- Bears loads of up to 888 N (approx. 90 kg)
- 750 mm long for use in a wide variety of applications
- Can be used for parallel bundling
- Easy to handle when wearing work gloves
- Available in signal yellow and in black

Applications

- All applications requiring temporary securing of cables, tubing etc.
- Packaging applications (closing, opening bags, packets etc.)
- Secures different cables and tubing to prevent them from touching the floor
- Enables the organisation of power cables for electrical equipment

Excess tails can be neatly tucked away.

Patented
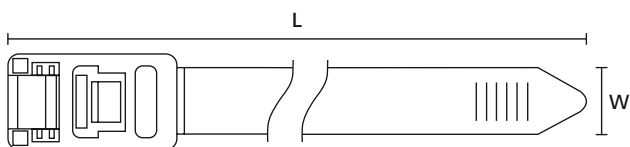
SpeedyTie

TYPE	Width (W)	Length (L)	Bundle Ø max.	N	Material	Colour	Pack Cont.	Article-No.
SpeedyTie (RTT750HR)	13.0	752.0	210.0	888	PA66	Yellow (YE), Red (RD)	25 pcs.	115-00000
	13.0	752.0	210.0	888	PA66	Yellow (YE), Red (RD)	5 pcs.	115-00001
	13.0	752.0	210.0	888	PA66HIR(S)	Black (BK), Red (RD)	5 pcs.	115-00030

All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content. Other packaging options may also be available.
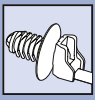
Fixing elements for tubes and harnesses with automatic locking feature, connectable

IAHC-Series, connectable

Offering a simple and secure method of attaching cables to panels. Originally designed for the automotive industry, these products are used in a wide range of applications with sheet metal panels across various industries.

Features and Benefits

- Push and click closure
- Coupling elements of the IAHC variants allow parts to connect
- IAHC( )T can only be connected with another IAHC element
- Vibration resistant, rattlefree and secure hold of bundle
- In case of maintenance easy replacement of bundle possible
- 360 degree rotatable for guiding bundles in different directions

Applications

- Attachng cables to medical beds or medical devices
- Parallel cable routing for medical beds or medical devices

IAHC( )AH in combination with an IAHC( )T.

W

L
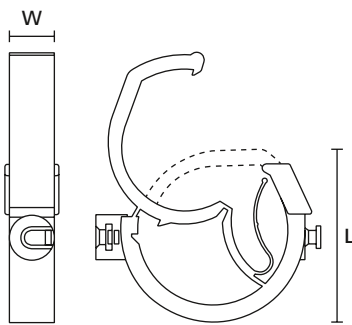
IAHC( )T   IAHC( )T

TYPE	Drawing	Bundle Ø max.	Width (W)	Length (L)	Material	Colour	Article-No.
IAHC1T		13.0	10.0	23.0	PA66HIRHS	Black (BK)	151-02883
IAHC2T		20.0	10.0	30.0	PA66HIRHS	Black (BK)	151-00199
IAHC3T		28.0	10.0	40.0	PA66HIRHS	Black (BK)	151-02884

All dimensions in mm. Subject to technical changes.

Fixing elements for tubes and harnesses with automatic locking feature

Offering a simple and secure method of attaching cables to panels. Originally designed for the automotive industry, these products are used in a wide range of applications with sheet metal panels across various industries.

Features and Benefits

- Push and click closure for fixation of wires
- AHC( )SS und AHC( )SB can be pushed onto a 5.0 mm stud

Applications

- Attaching cables to medical beds or medical devices
- Parallel cable routing for medical beds or medical devices

Automatic Harness Clip closed.
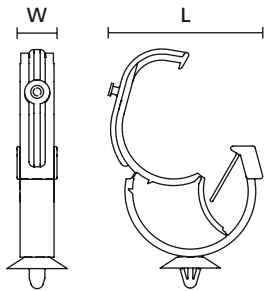
AHC( )AH   AHC( )AH

TYPE	Drawing	Bundle Ø max.	Width (W)	Length (L)	Hole Ø (FH)	Panel Thickness	Material	Colour	Article-No.
AHC2AH		-	10.0	29.0	6,2 - 6,7	0.7 - 3.0	PA66HIRHS	Black (BK)	151-02881
AHC3SB		28.0	10.0	43.0	-	-	PA66HIRHS	Black (BK)	151-00372
AHC2BH		20.0	10.0	32.5	6,2 x 12,2	0.5 - 3.0	PA66HIRHS	Black (BK)	151-02882

All dimensions in mm. Subject to technical changes.

Cable tie mounts with high performance adhesive

Adhesive cable tie mounts offer a fast and simple fixing solution, suitable for applications where the use of screws and the pre-drilling that is then necessary, is neither practical nor advisable. Available in different materials, flat or flexible, square or rectangular, these plates can be adapted to all usage conditions imposed by every type of working environment.

Features and Benefits

- Acrylic adhesive with strong and fast adhesion properties
- Secure fixing onto numerous surfaces, including those with low surface energy
- Dense, waterproof adhesive, resistant to cleaning products
- Secure hold of cable tie, no sliding even on a vertical plane
- Possibility of replacing the cable tie without removing the cable tie
- advantageous in narrow installation space

Applications

- All applications where drilling holes are not desirable or possible
- Attachment of cables, hoses and tubes to medical beds
- Securing tubing and cabling to medical devices in a hospital environment

Flexible cable tie mount, FlexTack in use on a concaved surface.

MATERIAL	Polyamide 6.6, heat stabilised (PA66HS)
Adhesive	Acrylate with base of acrylic foam
Operating Temperature	-40 °C to +85 °C
Flammability	UL 94 V2 (excluding adhesive)

HF ✓   RoHS ✓

FlexTack-Series FMB for round and angled surfaces
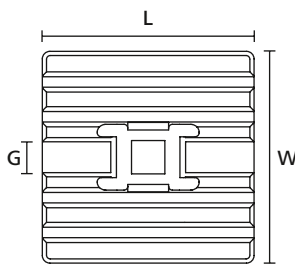
Flexible Adhesive Mount FMB4APT-A (plan view)
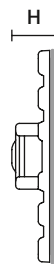
Flexible Adhesive Mount FMB4APT-A (side view)

TYPE	Width (W)	Length (L)	Height (H)	Strap Width max. (G)	Material	Colour	Adhesive	Pack Cont.	Article-No.
FMB4APT-A	28.0	28.0	6.3	5.4	PA66HS	Black (BK)	mod. Acrylate	100 pcs.	151-02219
	28.0	28.0	6.3	5.4	PA66HS	White (WH)	mod. Acrylate	100 pcs.	151-02977

All dimensions in mm. Subject to technical changes.
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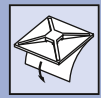
SolidTack-Series MB
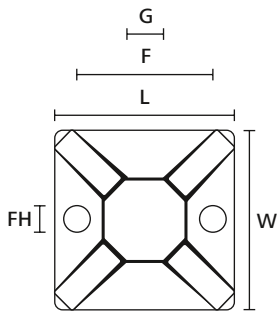
MB3-MB5 (plan view)

MB3-MB5 (side view)

MATERIAL	Polyamide 6.6 (PA66)
Adhesive	Acrylate with base of acrylic foam
Operating Temperature	-40 °C to +85 °C
Flammability	UL 94 V2 (excluding adhesive)

HF ✓ **RoHS** ✓

TYPE	Width (W)	Length (L)	Height (H)	Hole Ø (FH)	Fixing Hole Centres (F)	Strap Width max. (G)	Material	Colour	Adhesive	Pack Cont.	Article-No.
MB3APT-A	19.0	19.0	3.8	3,1	13.2	4.4	PA66	White (WH)	mod. Acrylate	100 pcs.	151-02978
MB4APT-A	28.0	28.0	4.7	4,0	20.2	5.6	PA66	White (WH)	mod. Acrylate	100 pcs.	151-02246

All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content. Other packaging options may also be available.

MB-Series square design, self-adhesive

Cable Tie Mount MB2A (side and plan view)

MATERIAL	Polyamide 6.6 (PA66)
Adhesive	Synthetic rubber with base of polyethylene foam
Operating Temperature	-40 °C to +60 °C
Flammability	UL 94 V2 (excluding adhesive)

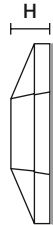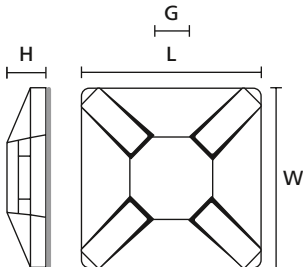**RoHS** ✓

MB3-MB5 (plan view)

MB3-MB5 (side view)

TYPE	Width (W)	Length (L)	Height (H)	Hole Ø (FH)	Strap Width max. (G)	Material	Colour	Adhesive	Pack Cont.	Article-No.
MB2A	13.0	13.0	4.1	-	2.7	PA66	White (WH)	Synthetic rubber	100 pcs.	151-01802
MB4A	28.0	28.0	4.7	4,0	5.4	PA66	White (WH)	Synthetic rubber	100 pcs.	151-28469

All dimensions in mm. Subject to technical changes.
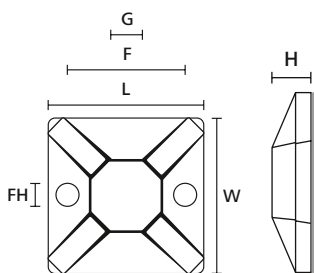Minimum Order Quantity (MOQ) may differ from package content. Other packaging options may also be available. * Plastic box

Clips for easy cable routing

MOC-Series

The open clips of the MOC-Series are very useful in managing tubes and hoses. They offer a simple, adaptable solution for various tube diameters. These double rotatable clips make it possible to secure and separate two routes.

Features and Benefits

- Compatible with corrugated tubing
- Independent rotation enables adjustment of cable routing
- Retaining device to prevent accidental disengagement of tubing
- 12 sizes with different diameters (5.5 mm to 29 mm)
- Different orientations et combinations possible

Applications

- Securing and parallel routing of corrugated respirator hoses
- Parallel cable routing for medical beds or medical devices
- Temporary fastening and replacement of tubes, hoses and cables possible

MOC-Series allows paralell routing of tubes, hoses and cables.
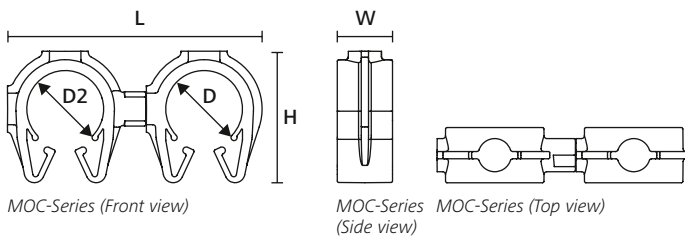
MOC-Series (Front view)

MOC-Series (Side view)   *MOC-Series (Top view)*

TYPE	Drawing	Ø (D)	Ø (D2)	Width (W)	Length (L)	Height (H)	Material	Colour	Article-No.
MOC14FMOC14M		13.9	13.9	10.0	45.6	23.8	PA66HIRHSUV	Black (BK)	156-02349
MOC14FMOC22M		22.1	13.9	12.0	55.6	36.5	PA66HIRHSUV	Black (BK)	156-02352
MOC22FMOC22M		22.1	22.1	12.0	65.4	36.5	PA66HIRHSUV	Black (BK)	156-02490
MOC5FMOC14M		13.9	4.7	10.0	35.7	23.8	PA66HIRHSUV	Black (BK)	156-02287

All dimensions in mm. Subject to technical changes.

HellermannTyton
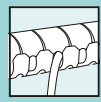
PTFE High temperature spiral binding

SBPTFE

The SBPTFE spiral frets enable the organisation and guiding of cables whilst also allowing diversions at any point and in any direction. Teflon-based, they are intended for electrical applications with high chemical constraints (e.g. cleaning products, aggressive fluids...) or those subjected to high temperatures.

Features and Benefits

• Resistant to very high temperatures
• Highly resistant to aggressive chemical agents (acids, alkalis and solvents)
• Non-stick, with good gliding properties
• Sterilisation by autoclave ethylene oxide (EtO)
• Highly resistant to abrasion

Applications

• Organisation, rearrangement and protection of cabling on medical devices.

Spiral binding SBPTFE is ideal for extreme conditions.

MATERIAL	Polytetrafluoroethylene (PTFE)
Operating Temperature	-60 °C to +260 °C, intermittent +350 °C
Flammability	UL 94 V0

RoHS ✓
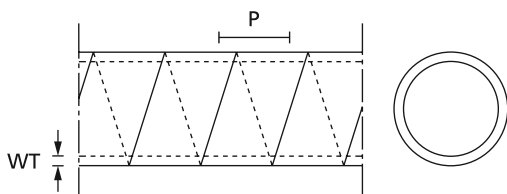
Spiral binding

TYPE	Nominal Ø	Wall (WT)	Pitch (P)	Bundle Ø min.	Bundle Ø max.	Colour	Reel Length	Article-No.
SBPTFE1.5	1.5	0.5	6.0	1.6	8	Natural (NA)	5 m	161-45000
SBPTFE4	4	0.7	7.8	5	20	Natural (NA)	5 m	161-45100
SBPTFE9	9	1.0	12.5	10	100	Natural (NA)	5 m	161-45200

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

HellermannTyton

Helawrap cable cover

HWPP for health care sector

Helawrap is used to bundle and protect cables and wires in the electrical industry, panel building, machine building and many other industrial applications. Helawrap is the time-saving solution for industrial applications.

Features and Benefits

- Ideal solution for bundling, protecting and fixing cables
- Quick and effortless to apply
- Good abrasion protection
- Special profile enables branching off cable at any point
- Can be removed and reapplied often
- Available in several colours and sizes
- Handy HAT applicator tool include

Application

- Organisation, rearrangement and protection of cabling on medical devices
- Routing and protection of height adjustment wiring in medical beds

Protecting and fixing cables with the Helawrap cable cover and accessory set.

MATERIAL	Polypropylene (PP)
Operating Temperature	-60 °C to +110 °C, intermittent +140 °C
Flammability	UL 94 HB

HF ✓   RoHS ✓

TYPE	Bundle Ø max.	Colour	Reel Length	Application Tool	Article-No.
HWPP8	9	Silver (SR)	25 m	HAT8	161-64103
HWPP16	16	Silver (SR)	25 m	HAT16	161-64203
HWPP20	21	Silver (SR)	25 m	HAT20	161-64303
HWPP25	27	Silver (SR)	25 m	HAT25	161-64403
HWPP30	32	Silver (SR)	25 m	HAT30	161-64503

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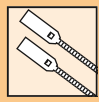
HellermannTyton

Custom printed plastic cable ties

HellermannTyton uses the latest printing and moulding technologies to guarantee you personalised quality printing on our standard range of labelled cable ties and security seals Our cable ties can be personalised to your requirements: identification number, serial numbering, name of your establishment, date of calibration test, etc. The SD30 range comes with serrated insides, to secure the closure of your bags and packets, and the SE30 range is ideal for sealing doors or locking systems.

Features and Benefits

- Resistant to chemicals, detergents and solvents
- Resistant materials
- Available in several colours
- Products can be personalised on demand

Applications

- Secure, personalised identification (respirator hoses, cords, etc.)
- Secure closure of cabinets containing sensitive products or materials
- Closure of bags possibly containing biological waste for example
- Securing medical equipment trolleys
- Ensuring traceability of sensitive materials (extinguishers, oxygen cylinders etc.)

T-Series and LK-Series.

MATERIAL	Polyamide 6.6 (PA66)
Operating Temperature	-40 °C to +85 °C
Flammability	UL 94 V2

HF ✓ RoHS ✓

T-Ties
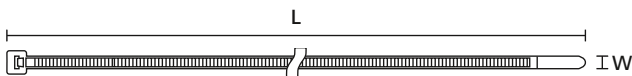
T-Series

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

All dimensions in mm. Subject to technical changes.
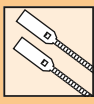
S-Series
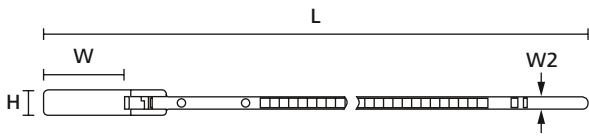
SD30

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	Green (GN)	100 pcs.	142-00351
	10.0	38.0	27.0	8.0	230.0	3.8	135	PA66	Yellow (YE)	100 pcs.	142-00352
	10.0	38.0	27.0	8.0	230.0	3.8	135	PA66	Blue (BU)	100 pcs.	142-00353
	10.0	38.0	27.0	8.0	230.0	3.8	135	PA66	Red (RD)	100 pcs.	142-00354
SD30PRN	10.0	38.0	27.0	8.0	235.0	3.8	134	PA66	Green (GN)	100 pcs.	142-00347
	10.0	38.0	27.0	8.0	235.0	3.8	134	PA66	Yellow (YE)	100 pcs.	142-00348
	10.0	38.0	27.0	8.0	235.0	3.8	134	PA66	Blue (BU)	100 pcs.	142-00349
	10.0	38.0	27.0	8.0	235.0	3.8	134	PA66	Red (RD)	100 pcs.	142-00350

All dimensions in mm. Subject to technical changes.

IT Ties
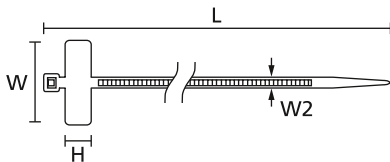
IT18R

TYPE	Bundle Ø min.	Bundle Ø max.	Width (W)	Height (H)	Length (L)	Width (W2)	N	Recommended Labels	Pack Cont.	Colour	Article-No.
IT18R	4.8	19.0	25.0	8.0	100.0	2.4	80	TAG23-06TD1	100 pcs.	Natural (NA)	111-81819
	6.0	22.0	25.0	8.0	100.0	2.3	80	TAG23-06TD1	100 pcs.	Natural (NA)	111-81821

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.

Please note! Not all products listed on this page may have this approval. Please check our website for latest approvals.
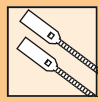
Plastic Plug Seals

Custom Printed PLS10SEQ, Plain SEQ and BP

In its range of products, HellermannTyton also offers laser printed products dedicated to the security of safety plugs. The PLS range has plugs with lever locks, which, when lifted and twisted, allow the upper and lower sections to be removed at pre-cut points.

These seals can be removed without the need for a cutting tool. PLS plugs can be adapted to fit most containers. Our safety plugs can also be personalised by our laser printing them before delivery.

Features and Benefits

• Resistant to chemicals, detergents and solvents
• Resistant materials
• Available in several colours
• Products can be personalised on demand

Application

• Securing your boxes and containers

Easily sealing containers and boxes.

MATERIAL	Polypropylene (PP)
Operating Temperature	-40 °C to +115 °C
Flammability	UL 94 HB

HF ✓   RoHS ✓
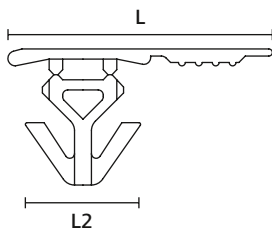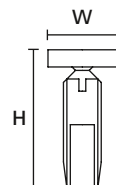
PLS10

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 pcs.	143-00095
	10.0	19.9	37.6	16.5	PP	Red (RD)	500 pcs.	143-00096
	10.0	19.9	37.6	16.5	PP	White (WH)	500 pcs.	143-00093
	10.0	19.9	37.6	16.5	PP	Yellow (YE)	500 pcs.	143-00094

All dimensions in mm. Subject to technical changes.
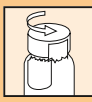
Tamper-evident security labelling, thermal transfer
Helatag 1203

These labels are ideal for marking and securing controlled products, such as boxes of medication, laboratory reagents, and boxes of consumables that are subject to use restrictions. To customise your labels, we offer our thermal printing solution, our TT431 or TT4030 printers, along with our TagPrint Pro editing software. You can thus easily print professional quality alphanumeric texts, barcodes, QR codes, logos and images.

Features and Benefits
• Resistant to water, alcohols, chemicals, and detergents
• If the label is removed, an indelible marking is deposited on the support
• Thermal printing

Applications
• Clear visualisation of whether a controlled product has been opened (boxes of medication, laboratory reagents, boxes of consumables: gloves, masks, etc.)
• Clear visualisation of whether a label has been torn from its support (securing closure of containers of biological waste and visualisation if they have possibly been opened)

Highly visible tamper evidence.

| MATERIAL	Type 1203, Polyester, silver matt, tamper-proof (1203)
Operating Temperature	-40 °C to +120 °C
Curing Temperature	from +7 °C
Adhesive	Acrylic
Thickness of Foil	53 µm
Chem. Material Properties	Excellent resistance to water, alcohol, most oils, greases, fuel, freezing fluid, brake fluid, aliphatic solvents, weak acids, salts and alkalis.
Recommended Ribbon Type	TT822OUT
Thermal Transfer Printer	TT431, TT4030

HF ✓ RoHS ✓
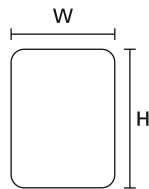
TYPE	Width (W)	Height (H)	Width of Liner (WL)	Labels per Row	Pack Cont.	Colour	Article-No.
TAG71TD6-1203-SR	12.7	11.1	101.6	6 pcs.	15,000 pcs.	Silver (SR)	596-71120
TAG15TD3-1203-SR	25.4	12.7	85.1	3 pcs.	7,500 pcs.	Silver (SR)	596-51203
TAG27TD2-1203-SR	38.1	19.1	85.1	2 pcs.	2,500 pcs.	Silver (SR)	596-71203
TAG67TD2-1203-SR	38.1	31.8	85.1	2 pcs.	1,000 pcs.	Silver (SR)	596-67120
TAG73TD1-1203-SR	50.8	25.4	55.0	1 pc.	2,000 pcs.	Silver (SR)	596-73120
TAG66TD1-1203-SR	50.8	36.5	56.8	1 pc.	1,000 pcs.	Silver (SR)	596-66120
TAG68TD1-1203-SR	63.5	25.4	69.0	1 pc.	2,000 pcs.	Silver (SR)	596-68120
TAG63TD1-1203-SR	63.5	38.1	70.0	1 pc.	1,000 pcs.	Silver (SR)	596-63120
TAG76TD1-1203-SR	63.5	50.8	70.0	1 pc.	500 pcs.	Silver (SR)	596-76120
TAG62TD1-1203-SR	76.2	50.8	82.0	1 pc.	500 pcs.	Silver (SR)	596-21203
TAG64TD1-1203-SR	88.9	36.5	95.0	1 pc.	1,000 pcs.	Silver (SR)	596-64120
TAG98TD1-1203-SR	101.0	160.0	105.0	1 pc.	250 pcs.	Silver (SR)	596-98120
TAG97TD1-1203-SR	101.6	74.0	106.0	1 pc.	500 pcs.	Silver (SR)	596-97120

All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content. Other packaging options may also be available.

Please note! Not all products listed on this page may have this approval. Please check our website for latest approvals.

HellermannTyton
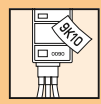
Laser printed labels

Helatag 1101

These white polyester labels assure professional print quality for your texts, barcodes logos, images, when used on your laser office printer.

All the templates for editing your labels are available on the HellermannTyton website.

Features and Benefits

- Resistant to water, alcohol, solvents and UV light.
- Operating temperatures between -40 °C and +150 °C
- Adhesion to smooth and flat surfaces
- Templates available on our website in Word and PDF format

Applications

- Identification of biomedical equipment (artificial respirators, blood pressure monitors, oximeters, etc.)
- Ideal for the purposes of traceability, inventory and metrology.

Clearly identified labels ensure easy network wire and cable management.

MATERIAL	Type 1101, Polyester, white (1101)
Operating Temperature	-40 °C to +150 °C
Curing Temperature	from 0 °C
Adhesive	Acrylic
Thickness of Foil	55 µm
Chem. Material Properties	Excellent resistance against water, alcohol, most oils, lubricants, fuels, aliphatic solvents, weak acid, salts, alkalis and UV light.

HF ✓   RoHS ✓
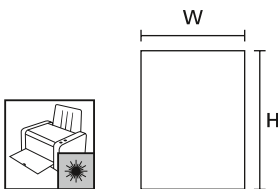
TYPE	Width (W)	Height (H)	Labels per Sheet	Sheets per Pack	Pack Cont.	Colour	Article-No.
TAG156LA4-1101-WH	10.2	10.2	532 pcs.	19 pcs.	10,000 pcs.	White (WH)	594-81101
TAG122LA4-1101-WH	15.0	9.0	372 pcs.	27 pcs.	10,000 pcs.	White (WH)	594-31101
TAG120LA4-1101-WH	15.2	6.4	528 pcs.	19 pcs.	10,000 pcs.	White (WH)	594-11101
TAG11LA4-1101-WH	16.5	5.1	605 pcs.	17 pcs.	10,000 pcs.	White (WH)	594-01101
TAG154LA4-1101-WH	17.0	9.0	341 pcs.	30 pcs.	10,000 pcs.	White (WH)	594-61101
TAG124LA4-1101-WH	19.0	11.0	260 pcs.	20 pcs.	5,000 pcs.	White (WH)	594-11017
TAG13LA4-1101-WH	19.1	6.4	440 pcs.	23 pcs.	10,000 pcs.	White (WH)	594-41101
TAG121LA4-1101-WH	20.0	8.0	315 pcs.	32 pcs.	10,000 pcs.	White (WH)	594-21101
TAG155LA4-1101-WH	25.4	8.5	231 pcs.	22 pcs.	5,000 pcs.	White (WH)	594-71101
TAG15LA4-1101-WH	25.4	12.7	154 pcs.	33 pcs.	5,000 pcs.	White (WH)	594-91101
TAG162LA4-1101-WH	38.1	12.7	110 pcs.	23 pcs.	2,500 pcs.	White (WH)	594-11010

All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content. Other packaging options may also be available.

c ᴿᵁ US   Please note! Not all products listed on this page may have this approval. Please check our website for latest approvals.

Asset identification label, thermal transfer

Helatag 1206

This multi-purpose white polyester label has the essential qualities to be useful in identifying your equipment. To customise your labels, we offer our thermal printing solution, our TT431 or TT4030 printers, along with our TagPrint Pro editing software. You can thus easily print professional quality alphanumeric texts, barcodes, QR codes, logos and images.

Features and Benefits

- Resistant to chemicals and abrasion
- Resistant to high temperatures
- Can be applied to smooth surfaces or critical surfaces (painted surfaces, plastics)
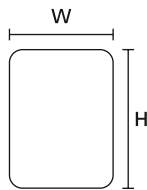- Excellent durability over time

Applications

- Identification of biomedical equipment (artificial respirators, blood pressure monitors, oximeters, etc.)
- Ideal for the purposes of traceability, inventory and metrology
- Identification of sterilisable products

Helatag labels for permanent asset identification.

MATERIAL	Type 1206, Polyester (1206)
Operating Temperature	-40 °C to +150 °C
Curing Temperature	from 0 °C
Adhesive	Acrylic
Thickness of Foil	50 µm
Chem. Material Properties	Excellent resistance to water, alcohol, most oils, greases, fuel, aliphatic solvents, weak acids, salts and alkalis.
Recommended Ribbon Type	TT822OUT
Thermal Transfer Printer	TT431, TT4030

HF ✓ RoHS ✓

TYPE	Width (W)	Height (H)	Width of Liner (WL)	Labels per Row	Pack Cont.	Colour	Article-No.
TAG71TD6-1206-WH	12.7	11.1	101.6	6 pcs.	15,000 pcs.	White gloss (GSWH)	596-12671
TAG13TD4-1206-WH	19.1	6.4	101.6	4 pcs.	10,000 pcs.	White gloss (GSWH)	596-12061
TAG61TD3-1206-WH	25.4	4.8	89.0	3 pcs.	10,000 pcs.	White gloss (GSWH)	596-12661
TAG01TD3-1206-WH	25.4	6.4	89.0	3 pcs.	7,500 pcs.	White gloss (GSWH)	596-01120
TAG34TD3-1206-WH	25.4	9.5	85.1	3 pcs.	7,500 pcs.	White gloss (GSWH)	596-12634
TAG15TD3-1206-WH	25.4	12.7	85.1	3 pcs.	7,500 pcs.	White gloss (GSWH)	596-12615
TAG31TD3-1206-WH	25.4	19.1	85.1	3 pcs.	5,000 pcs.	White gloss (GSWH)	596-12631
TAG35TD3-1206-WH	31.8	9.5	101.6	3 pcs.	7,500 pcs.	White gloss (GSWH)	596-12635
TAG17TD2-1206-WH	38.1	6.4	85.1	2 pcs.	5,000 pcs.	White gloss (GSWH)	596-12617
TAG27TD2-1206-WH	38.1	19.1	85.1	2 pcs.	2,500 pcs.	White gloss (GSWH)	596-12627
TAG77TD1-1206-WH	50.8	22.9	55.0	1 pc.	2,000 pcs.	White gloss (GSWH)	596-71206
TAG73TD1-1206-WH	50.8	25.4	55.0	1 pc.	2,000 pcs.	White gloss (GSWH)	596-12673
TAG63TD1-1206-WH	63.5	38.1	70.0	1 pc.	1,000 pcs.	White gloss (GSWH)	596-12663
TAG76TD1-1206-WH	63.5	50.8	70.0	1 pc.	500 pcs.	White gloss (GSWH)	596-61206
TAG4TD1-1206-WH	65.0	20.0	70.0	1 pc.	2,500 pcs.	White gloss (GSWH)	596-41206
TAG72TD1-1206-WH	69.9	31.8	76.0	1 pc.	1,000 pcs.	White gloss (GSWH)	596-12672
TAG62TD1-1206-WH	76.2	50.8	82.0	1 pc.	500 pcs.	White gloss (GSWH)	596-12662
TAG64TD1-1206-WH	88.9	36.5	95.0	1 pc.	1,000 pcs.	White gloss (GSWH)	596-12664

All dimensions in mm. Subject to technical changes. Minimum Order Quantity (MOQ) may differ from package content. Other packaging options may also be available.

c ^{UL} US — Please note! Not all products listed on this page may have this approval. Please check our website for latest approvals.

Supplied on a continuous roll

Helatag 1213

These coloured vinyl labels on a continuous roll are particularly adapted to identifying large surface areas, such as shelving, or zones in storage space. To customise your labels, we offer our thermal printing solution, our TT431 or TT4030 printers, along with our TagPrint Pro editing software. You can thus easily print professional quality alphanumeric texts, barcodes, QR codes, logos and images.

Features and Benefits

• Resistant to water, alcohols, chemicals and abrasion
• Wide range of colours
• Delivered on a continuous roll, for manual adaptation to the length required, or with the aid of a printer equipped with a cutting block

Applications

• Identification of hospital pneumatic systems
• Identification of shelving and storage space
• Identification of containers, boxes and cartons
• Delimitation of zones

Large and highly visible pipe marking.

MATERIAL	Type 1213, Vinyl, glossy colours (1213)
Operating Temperature	-40 °C to +90 °C
Curing Temperature	+8 °C to +40 °C
Adhesive	Acrylic
Thickness of Foil	95 µm
Chem. Material Properties	Resistant to water, alcohol, most oils, greases, fuel, aliphatic solvents, weak acids, salts and alkalis.

RoHS ✓
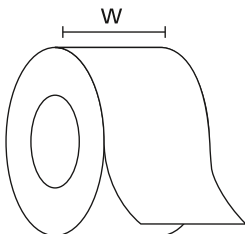
TYPE	Width (W)	Pack Cont.	Colour	Article-No.
TAGR4TD1-1213-YE	25.0	50 m	Yellow gloss (GSYE)	596-03103
TAG108TD1-1213-BU	40.0	50 m	Blue (BU)	596-12181
TAG108TD1-1213-GN	40.0	50 m	Green (GN)	596-12166
TAG108TD1-1213-GY	40.0	50 m	Grey (GY)	596-12188
TAG108TD1-1213-PK	40.0	50 m	Pink (PK)	596-00971
TAG108TD1-1213-YE	40.0	50 m	Yellow gloss (GSYE)	596-12167
TAGR1TD-1213-GN	101.6	50 m	Green (GN)	596-12170
TAGR1TD-1213-RD	101.6	50 m	Red (RD)	596-12168
TAGR1TD-1213-WH	101.6	50 m	White gloss (GSWH)	596-12171
TAGR1TD-1213-YE	101.6	50 m	Yellow gloss (GSYE)	596-12169

All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content. Other packaging options may also be available.

Panel plate labels, thermal transfer

Helatag 1220

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

Create crisp and clear professional looking labels by printing with HellermannTyton thermal transfer printers and ribbons.

Simple label design creation is easily achieved using TagPrint Pro.

Features and 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
- Print high contrast text and barcodes
- Print 'On Site' not order 'Off Site'
- Special sizes and colours are possible on request
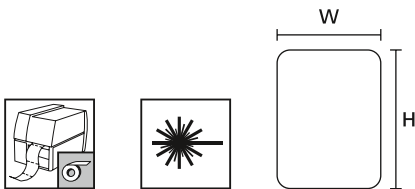- For outstanding chemical resistance use TT122OUT

Applications

- Easy identification of assets and storage racks
- Individual labelling of boxes and equipment
- Highly durable material
- Ideal for the purposes of traceability, inventory and metrology

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

MATERIAL	Type 1220, Polyester, white (1220)
Operating Temperature	-40 °C to +90 °C
Curing Temperature	from +10 °C
Adhesive	Acrylic
Thickness of Foil	50 µm
Chem. Material Properties	Excellent resistance to ageing, weathering and UV-radiation. Extensive resistance to the influence of chemicals and solvents.
Recommended Ribbon Type	TT122OUT, TT822OUT
Thermal Transfer Printer	TT431, TT4030

RoHS ✓

TYPE	Width (W)	Height (H)	Width of Liner (WL)	Labels per Row	Pack Cont.	Colour	Article-No.
TAG13-07TDK1-1220-WH	13.0	7.0	21.0	1 pc.	1,000 pcs.	White (WH)	596-00560
TAG22-22TDK1-1220-WH	22.0	22.0	28.0	1 pc.	1,000 pcs.	White (WH)	596-00561
TAG27-08TDK1-1220-WH	27.0	8.0	33.0	1 pc.	1,000 pcs.	White (WH)	596-00562
TAG27-12.5TDK1-1220-WH	27.0	12.5	33.0	1 pc.	1,000 pcs.	White (WH)	596-00558
TAG27-15TDK1-1220-WH	27.0	15.0	33.0	1 pc.	1,000 pcs.	White (WH)	596-00563
TAG27-18TDK1-1220-WH	27.0	18.0	33.0	1 pc.	1,000 pcs.	White (WH)	596-00564
TAG27-27TDK1-1220-WH	27.0	27.0	33.0	1 pc.	1,000 pcs.	White (WH)	596-00565
TAG35-18TDK1-1220-WH	35.0	18.0	41.0	1 pc.	1,000 pcs.	White (WH)	596-00566
TAG45-15TDK1-1220-WH	45.0	15.0	51.0	1 pc.	1,000 pcs.	White (WH)	596-00567
TAG45-25TDK1-1220-WH	45.0	25.0	51.0	1 pc.	1,000 pcs.	White (WH)	596-00568
TAG60-30TDK1-1220-WH	60.0	30.0	66.0	1 pc.	500 pcs.	White (WH)	596-00569
TAG90-45TDK1-1220-WH	90.0	45.0	96.0	1 pc.	500 pcs.	White (WH)	596-00570
TAG100-30TDK1-1220-WH	100.0	30.0	106.0	1 pc.	250 pcs.	White (WH)	596-00571
TAG100-70TDK1-1220-WH	100.0	70.0	106.0	1 pc.	250 pcs.	White (WH)	596-00572

All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content. Other packaging options may also be available.

HellermannTyton

Panel plate labels, thermal transfer

Helatag 1221

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

Create crisp and clear professional looking labels by printing with HellermannTyton thermal transfer printers and ribbons.

Simple label design creation is easily achieved using TagPrint Pro.

Features and 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
- Print high contrast text and barcodes
- Print 'On Site' not order 'Off Site'
- Special sizes and colours are possible on request
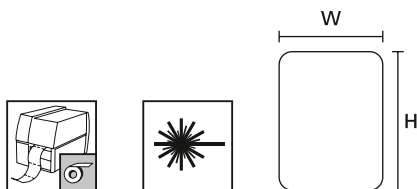- For outstanding chemical resistance use TT122OUT

Applications

- Easy identification of assets and storage racks
- Individual labelling of boxes and equipment
- Highly durable material
- Ideal for the purposes of traceability, inventory and metrology

*Panel labels are an ideal replacement for engraved plates.*

MATERIAL	Type 1221, Polyester, silver (1221)
Operating Temperature	-40 °C to +90 °C
Curing Temperature	from +10 °C
Adhesive	Acrylic
Thickness of Foil	50 µm
Chem. Material Properties	Excellent resistance to ageing, weathering and UV-radiation. Extensive resistance to the influence of chemicals and solvents.
Recommended Ribbon Type	TT122OUT, TT822OUT
Thermal Transfer Printer	TT431, TT4030

RoHS ✓

TYPE	Width (W)	Height (H)	Width of Liner (WL)	Labels per Row	Pack Cont.	Colour	Article-No.
TAG13-07TDK1-1221-SR	13.0	7.0	21.0	1 pc.	1,000 pcs.	Silver (SR)	596-00573
TAG22-22TDK1-1221-SR	22.0	22.0	28.0	1 pc.	1,000 pcs.	Silver (SR)	596-00574
TAG27-08TDK1-1221-SR	27.0	8.0	33.0	1 pc.	1,000 pcs.	Silver (SR)	596-00575
TAG27-12.5TDK1-1221-SR	27.0	12.5	33.0	1 pc.	1,000 pcs.	Silver (SR)	596-00576
TAG27-15TDK1-1221-SR	27.0	15.0	33.0	1 pc.	1,000 pcs.	Silver (SR)	596-00577
TAG27-18TDK1-1221-SR	27.0	18.0	33.0	1 pc.	1,000 pcs.	Silver (SR)	596-00578
TAG27-27TDK1-1221-SR	27.0	27.0	33.0	1 pc.	1,000 pcs.	Silver (SR)	596-00579
TAG35-18TDK1-1221-SR	35.0	18.0	41.0	1 pc.	1,000 pcs.	Silver (SR)	596-00580
TAG45-15TDK1-1221-SR	45.0	15.0	51.0	1 pc.	1,000 pcs.	Silver (SR)	596-00581
TAG45-25TDK1-1221-SR	45.0	25.0	51.0	1 pc.	1,000 pcs.	Silver (SR)	596-00582
TAG60-30TDK1-1221-SR	60.0	30.0	66.0	1 pc.	500 pcs.	Silver (SR)	596-00583
TAG90-45TDK1-1221-SR	90.0	45.0	96.0	1 pc.	500 pcs.	Silver (SR)	596-00584
TAG100-30TDK1-1221-SR	100.0	30.0	106.0	1 pc.	250 pcs.	Silver (SR)	596-00585
TAG100-70TDK1-1221-SR	100.0	70.0	106.0	1 pc.	250 pcs.	Silver (SR)	596-00586

All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content. Other packaging options may also be available.
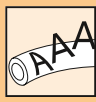
Self-laminating labels, thermal transfer

Helatag 323, high temperature

This self-laminating label consists of a white printable area with a protective laminate ensure the printed text is shielded from negative environmental influences - such as humidity, dirt, debris and mechanical abrasion. It is ideally suited for wire and cable marking in both high temperature and outside environments, particular used in industry as well as military technology.

Features and Benefits

- High temperature self-laminating labels with an inscription field
- Extremely scratch and chemical resistant
- Protective laminating foil ensures optimal protection against humidity, dirt, debris, and mechanical abrasion
- Survives 5 years external weathering in central European climate

Applications

- Ideal for identification of vials and tubes
- Easy marking with QR/datamatrix code
- Code/identification securely protected by laminate
- Resistent to solvents and chemicals

Easy marking of flexible, semi-rigid and rigid cables and wires.

MATERIAL	Type 323, Polyvinylidene Fluoride (323)
Operating Temperature	-40 °C to +140 °C
Curing Temperature	from +10 °C
Adhesive	Acrylic
Thickness of Foil	25 µm
Chem. Material Properties	Excellent resistance against water, UV radiation, weather influence and solvents based on petroleum.
Recommended Ribbon Type	TT932DOUT
Thermal Transfer Printer	TT431, TT4030

RoHS ✓
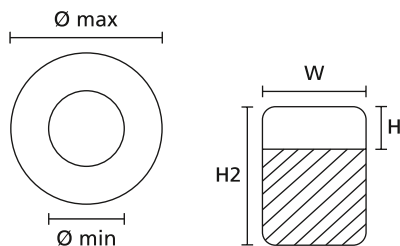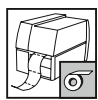
TYPE	Bundle Ø min.	Bundle Ø max.	Width (W)	Height (H)	Height (H2)	Width of Liner (WL)	Labels per Row	Pack Cont.	Colour	Article-No.
TAG51TD3-323-WHCL	1.4	3.0	25.4	8.8	19.1	85.0	3 pcs.	5,000 pcs.	White (WH), Transparent (CL)	596-51320
TAG26TD6-323-WHCL	1.5	3.0	12.7	9.5	19.1	85.0	6 pcs.	10,000 pcs.	White (WH), Transparent (CL)	596-26320
TAG36TD7-323-WHCL	2.0	4.7	12.7	9.0	23.8	95.0	7 pcs.	10,000 pcs.	White (WH), Transparent (CL)	596-36320
TAG2TD6-323-WHCL	3.5	7.6	12.7	12.7	36.5	82.0	6 pcs.	5,000 pcs.	White (WH), Transparent (CL)	596-02320
TAG22TD3-323-WHCL	3.5	7.6	25.4	12.7	36.5	82.0	3 pcs.	2,500 pcs.	White (WH), Transparent (CL)	596-22320
TAG24TD1-323-WHCL	3.5	7.6	50.8	12.7	36.5	55.0	1 pc.	1,000 pcs.	White (WH), Transparent (CL)	596-24320
TAG23TD5-323-WHCL	4.5	10.0	19.1	12.7	44.5	101.6	5 pcs.	5,000 pcs.	White (WH), Transparent (CL)	596-23320
TAG25TD3-323-WHCL	4.5	10.0	25.4	12.7	44.5	82.0	3 pcs.	2,500 pcs.	White (WH), Transparent (CL)	596-25320
TAG9TD3-323-WHCL	5.5	12.1	25.4	19.1	57.1	82.0	3 pcs.	2,500 pcs.	White (WH), Transparent (CL)	596-09320
TAG10TD2-323-WHCL	5.5	12.1	49.5	19.1	57.1	101.6	2 pcs.	1,000 pcs.	White (WH), Transparent (CL)	596-10320
TAG1TD2-323-WHCL	8.5	18.2	48.2	19.1	79.2	101.6	2 pcs.	1,000 pcs.	White (WH), Transparent (CL)	596-01320
TAG3TD3-323-WHCL	10.0	22.2	25.4	25.4	95.3	82.0	3 pcs.	1,000 pcs.	White (WH), Transparent (CL)	596-03320
TAG6TD1-323-WHCL	10.0	22.2	50.8	25.4	95.3	55.0	1 pc.	500 pcs.	White (WH), Transparent (CL)	596-06320
TAG107TD3-323-WHCL	12.0	37.5	25.4	31.8	149.9	82.0	3 pcs.	1,000 pcs.	White (WH), Transparent (CL)	596-10732
TAG38TD3-323-WHCL	20.8	47.5	25.4	38.1	187.2	82.0	3 pcs.	1,000 pcs.	White (WH), Transparent (CL)	596-38320
TAG07TD1-323-WHCL	20.8	47.5	50.8	25.4	187.2	55.0	1 pc.	250 pcs.	White (WH), Transparent (CL)	596-07320

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.
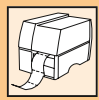
Labelling software

TagPrint Pro 4.0

TagPrint Pro 4.0 is the easy-to-use label/marker design and printing software in the HellermannTyton printing world. Compatible with Windows® 7, 8.1 and 10, TagPrint Pro 4.0 delivers an individualised, task-based experience that enables a user to easily develop print templates including bar codes, text and graphics to meet numerous applications. TagPrint Pro 4.0 streamlines labeling production by offering a user full control over the importing or entering of data, advanced security features, the option to group label designs under a single file name or job number, and the ability to batch print to either one or more printers at the same time.

Features and Benefits

- Powerful yet easy to use interface
- Built-in print automation capabilities -runs entire batches of labels and markers with one click
- Build your label or marker design from a template or from scratch
- Design Wizards easily guide a user through the addition of text, images, and barcodes to create a label
- Inverse, flip, and mirror image options for graphic images
- Open Excel files directly rather than copy and paste from Excel
- Multiple methods of scaling text in horizontal and vertical planes
- Save jobs in a queue and print all at one time with „Print later" function
- Connect or import directly from other databases including Excel, Access, text files
- Panel Label Wizard: Create dynamic endless strips with several text elements
- Double Sided Design: Create labels easily for double-sided printing

Applications

- Easy label setup for unique identification, including QR/datamatrix codes
- Printing from different file formats and databases

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

System Requirements	TagPrint Pro Standalone/TagPrint Pro Client PC running Microsoft Windows XP SP3, Vista SP1 or later, Windows 7, 8, 10 .NET Framework 4 512 MB RAM (XP SP3) 1.0 GB RAM (Vista/Windows 7, 8, 10) 500 MB available hard disk space.

TYPE	Article-No.
TagPrintPro4.0-EMEA	556-00059

Subject to technical changes.
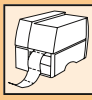
Thermal transfer printer

TT431, Small to medium volume printing

The TT431 thermal transfer printer is perfect for printing on HellermannTyton materials such as self-adhesive labels, shrinkable tubing and identification tags. Thanks to its low weight and compact construction, the TT431 integrates seamlessly into any workstation. It is easy to use due to its intuitive colour LCD touch display and clear status messages which can be shown in multiple languages. The optional cutter and perforator make this printer ideal for a wide range of applications. 300 dpi resolution ensures that barcodes, warning symbols, logos and text are as sharp as they can be.

Features and Benefits

- Small to medium volume single sided printing
- Print on HellermannTyton cable markers and labels
- Uses standard ribbons
- Barcodes: standard and 2D
- Print speed up to 150 mm/s
- Adjustable label sensor
- Multiple language selection
- Windows drivers: 32/64 Bit Windows Vista,7, 8, 10, Windows Server 2008, 2008 R2, 2012, 2012 R2, 2016, 2019

Applications

- Personalisation of labels for the purposes of metrology, referencing, traceability and security, etc.

TT431 thermal transfer printer designed for ease of operation.

Print Method	Thermal transfer
Print Head Type	300 dpi, flat type
Print Speed	up to 150 mm/s
Max. Print Width	105.70 mm
Label Height Max (metric)	4,000 mm
Interfaces	USB 2.0, Ethernet 10/100 Base T, RS232
Supported Barcodes, Printer	Standard and 2D
Printer Memory	256 MB RAM
Dimensions W x H x D	253 mm x 189 mm x 322 mm
Weight	4 kg

RoHS ✓

TYPE	Pack Cont.	Article-No.
TT431	1 pc.	556-00400

All dimensions in mm. Subject to technical changes.

TYPE	Description	Article-No.
S430 Cutter	Cutter for TT430/TT431	556-00452
P430 Perforator	Perforator for TT430/TT431	556-00456
TT External Reel Holder	External Reel Holder	556-00451
TT430/TT431 300dpi Printhead	Printhead for TT430/TT431	556-00453
TT430/TT431 Print Roller	Print Roller for TT430/TT431	556-00454

Subject to technical changes.

Please note! Not all products listed on this page may have this approval. Please check our website for latest approvals.

Thermal transfer printer

TT4030, High volume printing

HellermannTyton's premium printer TT4030 is specifically designed for medium and heavy duty industrial applications. The 300 dpi print head fulfils all standard requirements for printing bar codes, warning signs, logos and written information. Optional premium quality accessories such as a perforator and cutter are designed to work seamlessly with the printer and will suit the most demanding needs.

Printing high definition graphics such as 2d barcodes, standard bar codes, numbers and text on adhesive labels, thermo plastics such as heat shrink and cable markers (Tiptags) is easily done.

A colour LCD Touchscreen with modern user interface helps intuitive operation.

Creation of professional looking industrial identification is simplified by the use of HellermannTyton´s label creation software TagPrint Pro 3.0.

Whether in stand-alone mode, as a PC application or in a network - the robust TT4030 printers can meet every requirement.

Features and Benefits

• High volume single sided printing
• Print on HellermannTyton heatshrink tubing, cable markers and labels
• Uses standard 300 m ribbons
• Barcodes: standard and 2D
• Print speed up to 300 mm/s (30 mm/s recommended for ladder style products and tubing)
• Multiple language selection
• Windows drivers: 32 / 64 bit for Windows XP, Windows Vista, Windows 7, 8, 10

Applications

• Personalisation of labels for the purposes of metrology, referencing, traceability and security, etc.

TT4030 thermal transfer printer for high volumes.

Print Method	Thermal transfer
Print Head Type	300 dpi, flat type
Print Speed	up to 300mm/s
Max. Print Width	105.70 mm
Label Height Max (metric)	2,000 mm
Interfaces	RS232 C, USB 2.0, Ethernet 10/100 Base T
Supported Barcodes, Printer	Standard, 2D
Printer Memory	256 MB RAM
Dimensions W x H x D	252 mm x 288 mm x 460 mm
Weight	9.98 kg

HF ✓   RoHS ✓

TYPE	Article-No.
TT4030	556-04037

Subject to technical changes.

TYPE	Description	Article-No.
P4030 Perforator	Perforator for TT4030	556-04051
TT4030 Printhead	Printhead for TT4030	556-04041
S4030 Cutter	S4030 Cutter for TT4030	556-04050
TT External Reel Holder	External Reel Holder	556-00451
Printer Roller TT4030/TT4000+	Printer Roller for TT4030/TT4000+	556-04005

Subject to technical changes.

CE   Please note! Not all products listed on this page may have this approval. Please check our website for latest approvals.

Our RFID solution

In order to improve the management of your equipment, HellermannTyton offers a range of HF / NFC and UHF RFID cable ties and tags. The stored information on the RFID tags and ties can be read by mobile or fixed RFID readers for automating asset status reporting and inventorising. Reading distances can vary from short distances of a few centimeters to very long ranges of a few meters depending on the frequency.

Radio Frequency Identification, for short RFID simply means the use of radio frequency waves to uniquely identify objects. RFID tags attached to items allow users to automatically and uniquely identify and track inventory and assets.

A new European Regulations on Medical Devices (MDR) concerning the traceability of these devices will be published in short term. The use of a Unique Identification Number (Unique Device Identification: UDI) for certain classes of medical devices will therefore take effect in 2021. Thanks to our RFID tags, ties and readers - and also in combination with datamatrix codes on our standard labels you can be assured of compliance with this new directive.

HellermannTyton works with local professional software partners who specialise in certain applications for different industries. These strong partnerships will help you with your traceability issues, inventory management or maintenance monitoring.

RFID technology will allow you to increase your efficiency, save time and limit human error - as each tagged item and asset is detected and identified automatically and matched up with the correct information in your database - using its unique ID or your own serial numbers.

Features and benefits:
- Unique identification with preprogrammed ID or your own serial numbers
- Wide variety of tags, ties readers in HF / NFC and UHF frequency
- Each tagged item and asset is detected and identified automatically and matched up with the correct information in your database
- Elimination of typing errors

Applications
- Traceability of contaminated waste in the elimination circuit
- Equipment traceability
- Inventory operations and inventory reports
- Management of documentation related to MD (medical devices)
- Helps with identification, collection, reporting, and analysis of any untoward occurrences associated with the use of medical devices

12. RFID reader scans in all directions: no line of sight necessary

1. Greater production efficiency: several functions at once: fastening, product labelling, product safety, product tracking and much more.

11. Labelling and identification of hard-to-reach parts: reliable alternative to barcode labels owing to insufficient space or unsuitable materials

2. Quick implementation using the HellermannTyton solution: for a seamless reading and writing process, HellermannTyton provides appropriate control devices for the RFID cable ties as part of its RFID system solution.

10. Robust and resistant to harsh environments and cleaning processes (hermetic embedding of the RFID chip and sealed into the cable tie in the glass tube)

3. Tool and inventory management: tools and stock can be easily and reliably located and organised.

9. Faster and more accuate data capture than paper based solution

4. Clear labelling despite dirt: stored digital information remains readable at all times, no matter how much dirt is encrusted on it.

8. Clear identification of objects with a unique ID

5. Reusability: information can be added to and read from RFID chips again and again.

7. Flexible non-contact data communication
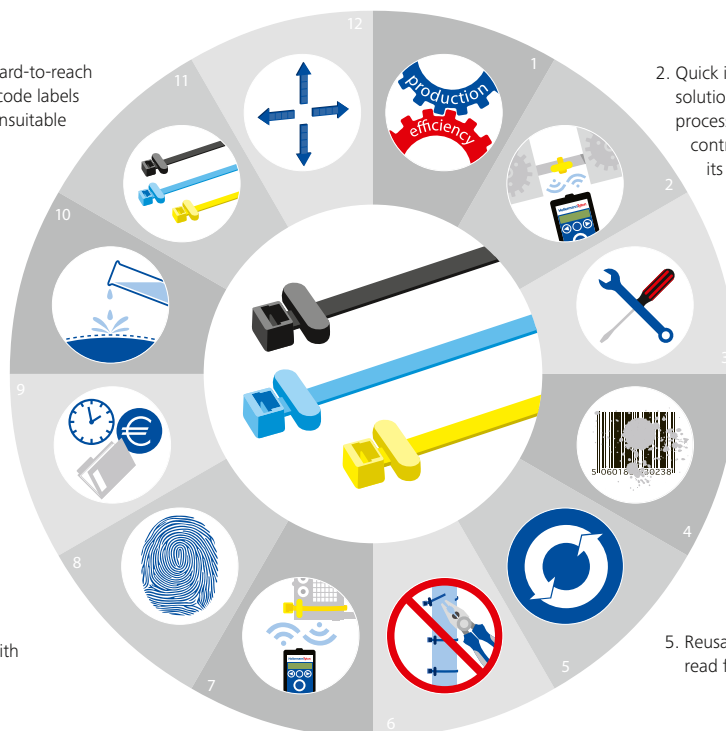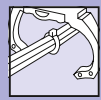
6. Counterfeiting protection: if the cable tie is removed, it cannot be reused for the same purpose.

HellermannTyton

Automatic bundling up to Ø 20 mm

Autotool 2000 CPK

The Autotool 2000 CPK is an electrically operated and automated cable tying system. It has been developed to speed up bundling processes and to make the production more efficient. Besides the high speed bundling, this cable tying system is characterized by its simple operation and user-friendly ergonomics. The Autotool 2000 CPK offers a display for the settings and user information in 20 languages. One main feature of the Autotool 2000 CPK is the software „HT Data Management CPK".

This feature enables the easy parameterization of the tool for customers applications. The parameterization can easily be carried out via computer. Additionally the „HT Data Management CPK" offers an export function for the saved manufacturing data as well as further service functions. Therefore it ensures a consistent documentation for every binding process through the tool. The firmware of the AT2000 CPK tool enables various bundling and cutting functions. It is possible to define a loop diameter and to choose the length of an extended strap as an example. The function to cut with the tension released is of great value especially for applications with a very flexible bundling good (like silicone cables).

The Autotool 2000 CPK is ideally suited for handling high volume applications in wire harness facilities, automotive and industrial companies and in the packaging sector. With either the Bench mount kit CPK or the Overhead suspension CPK, the Autotool 2000 CPK is suitable for both stationary and flexible applications.

By using the optional Power pack CPK with control box the Autotool 2000 CPK can be integrated into fully automated production lines through a serial interface. Due to the removable handle less assembly space is needed.

Bandoleers of 50 cable ties as well as reels of 3,500 cable ties can be used.

Features and Benefits

- Electrically operated cable tying system
- Power supply through Power pack CPK - Input: 100-240 V a.c., 50/60 Hz; Output: 25.2 V d.c., max. 150 W
- Integration into fully automated production lines (Power pack CPK with control box necessary)
- Cycle time 0.8-1.2 sec. depending on quality and force
- Stationary and flexible use with devices possible
- HT Data Management CPK software (included) - for extensive data evaluation and monitoring of the tensioning process
- User-friendly menu in various languages included
- Process-reliable, constant and reproducable bundling and cutting up to Ø 20 mm
- Removable handle for space-saving integration

Application

- Manufacture of medical equipment (dental surgeries, etc.)

Autotool 2000 CPK.


HT Data Management CPK - software for Autotool 2000 CPK.

Power pack CPK for Autotool 2000 CPK.

TYPE	Description	Article-No.
Autotool 2000 CPK	Autotool 2000 CPK	106-00000
Power pack CPK	Power pack CPK	106-00100
Power pack CPK with control box	Power pack CPK with control box	106-00110

Subject to technical changes.

Power Supply	Electronically operated
Cycle Time	0.8-1.2 sec. depending on quality and force
Weight	1.8 kg
Tension Force	Adjustable

HellermannTyton 33

Automatic bundling up to Ø 20 mm

Cable ties for Autotool 2000 systems
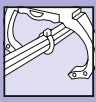
The inside-serrated cable ties are designed for use specifically in the automatic cable tying systems. The Autotool 2000 CPK is ideally suited for handling high volumes applications in wire harness facilities, automotive and industrial companies as wells as the packaging sector.
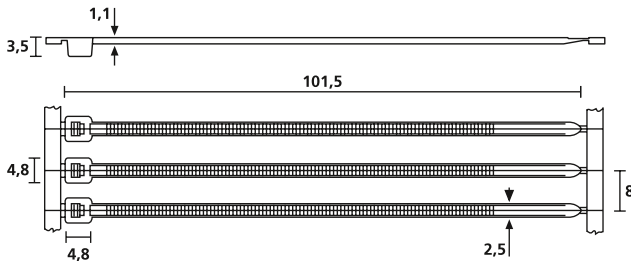
Features and Benefits

- Available in bandoleers of 50 cable ties or reels of 3,500 cable ties
- Repetitive tension on the bundles
- Easily recyclable

Cable ties for Autotool 2000 systems.

MATERIAL	Polyamide 6.6, heat stabilised (PA66HS)
Operating Temperature	-40 °C to +105 °C, (+145 °C, 500 h)
Flammability	UL 94 V2

HF ✓ RoHS ✓

Bandoleer T18RA

TYPE	Bundle Ø max.	[N]	Colour	Material	Pack Cont.	Article-No.
T18RA3500	20.0	80	Natural (NA)	PA66HS	3,500 pcs.	120-50009

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

[N] = **Minimum Loop Tensile Strength for Cable Ties (Newton)**

c(UL)us Please note! Not all products listed on this page may have this approval. Please check our website for latest approvals.

HellermannTyton
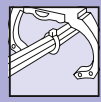
Waste-free bundling up to Ø 80 mm

Autotool System 3080

The Autotool System 3080 is an automated and electric cable tying system. It has been developed to speed up bundling processes and operates waste-free.

The advantage of three quick-changeable jaw sizes allows the Autotool System 3080 to adapt perfectly to different bundle diameters up to Ø 80 mm.

With either the Bench mount kit 3080 or the Overhead suspension 3080, the Autoool System 3080 is suitable for both stationary and flexible applications. The Autotool System 3080 can also be integrated into fully automated production lines.

Custom designed jaws are available to enable bundling of foot parts on production lines.

Features and Benefits

- Electrically operated cable tying system (Power pack 3080 necessary)
- Power pack 3080 - Input: 240/150 V a.c., 50/60 Hz; Output: 48 V d.c., max. 150 W
- High quality, waste-free bundling up to Ø 80 mm with flush cut off
- Jaws with diameters of 30, 50 and 80 mm - included in delivery
- Cycle time 1.1-2.4 seconds depending on bundle diameter
- Integration into Bench mount kit 3080 or Overhead suspension 3080 possible
- Integration into fully automated production lines possible
- Foot part bundling with custom jaw design Ø 50 mm

Autotool System 3080.

Autotool System 3080 with three different jaws - to optimize the cycle time for different bundle diameters.

TYPE	Description	Article-No.
ATS3080	Autotool System 3080	102-00000
Power pack 3080	Power pack 3080	102-00100

Subject to technical changes.

Power pack 3080.

Power Supply	Electrically operated
Cycle Time	1.1-2.4 sec. depending on bundle diameter
Weight	1.9 kg
Tension Force	Adjustable
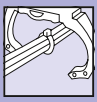
Waste-free bundling up to Ø 80 mm

Cable ties for Autotool System 3080

The outside serrated strap is perfectly suitable for sensitive surfaces and can be used for bundling and fixing of cables, pipes and hoses, as well as for bag sealing.

The materials are particularly appropriate for high volume bundling applications in cable assembly, automotive, industrial and packaging applications.

Features and Benefits

- Innovative two-piece consumables: closure and strap
- Outside serrated strap protects the bundle
- Available on reels of 500 m strap and 5,000 pcs. closures

Closures and strap for Autotool System 3080.

MATERIAL	Polyamide 6.6, high impact modified, heat and UV-stabilised (PA66HIRHSUV)	Polyamide 6.6, heat and UV-stabilised (PA66HSUV)
Operating Temperature	-40 °C to +95 °C, (+105 °C, 5000 h; +145 °C, 500 h)	-40 °C to +105 °C, (+145 °C, 500 h)
Flammability	UL 94 HB	UL 94 V2

RoHS✓   RoHS✓
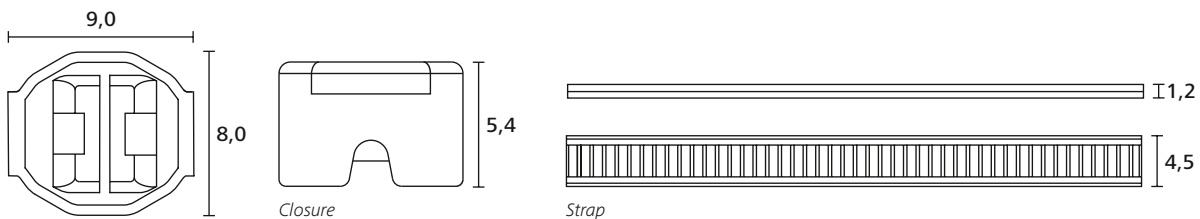
Closure   *Strap*

TYPE	Description	Bundle Ø max.	N	Colour	Material	Pack Cont.	Article-No.
Closures Natural ATS3080	Closures Natural ATS3080	80.0	225	Natural (NA)	PA66HSUV	5,000 pcs.	102-66209
Strap Natural ATS3080	Strap Natural ATS3080	80.0	225	Natural (NA)	PA66HIRHSUV	500 m	102-66109

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

N = **Minimum Loop Tensile Strength for Cable Ties (Newton)**

Manual tensioning tool plastic housing

EVO7 up to 4.8 mm strap width

HellermannTyton's EVO7 mechanical hand tool was ergonomically designed to reduce the risks of repetitive stress injuries to operators while concurrently increasing productivity. The EVO7 Tension/Lock/Cut Technology delivers performance, safety and comfort for the operators. Available in a standard grip span (EVO7) or short grip span (EVO7SP), for smaller hands. Additional accessories are available.

Features and Benefits

- Ergonomic, slip-proof handle for a comfortable and secure grip
- Extremely low-maintenance
- Fast and precise application with minimum effort (TLC mechanism)
- Convenient and simple tension adjustment
- Extended, slim nose for use in narrow spaces
- Housing made of resilient and lightweight glass fibre-reinforced polyester
- Standard grip span (90 mm) and short grip span (80 mm) available

The EVO7: Maximum performance with minimum effort.

TYPE	Description	Strap Width max.	Strap Thickness max.	Weight	Article-No.
EVO7	EVO7	4.8	1.5	0.275 kg	110-70129

All dimensions in mm. Subject to technical changes.

SAE Please note! Not all products listed on this page may have this approval. Please check our website for latest approvals.

Manual tensioning tool for KR-Series

KR6/8

Application tool KR6/8 crimps the glass-fibre-reinforced locking pin of the KR seal and leads to plastic deformation of the tie ends. This produces a very proof permanent connection.

Features and Benefits

- Tough metal tool for applying KR cable ties only
- For tensioning, fixing and cutting KR cable ties
- Simply change the front plate to apply 6 mm or 8 mm straps

The manual tensioning tool KR6/8 for KR-Series cable ties.

TYPE	Description	Strap Width max.	Weight	Article-No.
KR6/8	KR6/8	8.0	0.69 kg	121-00680

All dimensions in mm. Subject to technical changes.

Mask E-Guard

Comfort Strips for Masks

Ideal for use with disposable facemasks, Mask E-Guard is a comfort strip designed to relieve pressure and strain from the ears when wearing face masks. Masks can be worn without hooking the elastic behind the ears.

Features & Benefits

- Soft EVA material that does not snag hair or skin
- Easy to clean
- Reusable
- Delivered as roll of 12 or 250 pieces
- Use multiple pieces joined together for larger heads
- Customer branding available upon request

Re-useable Mask E-Guard.

MATERIAL	Ethylenevinylacetate (EVA)

TYPE	Material	Colour	Pack Cont.	Article-No.
Mask E-Guard	EVA	White (WH)	12	111-04000
	EVA	White (WH)	250	111-04001

All dimensions in mm. Subject to technical changes.

HellermannTyton

Multifunctional antimicrobial handle

**EasyDoor™ - Don't touch anything, EasyDoor™ does it for you**

EasyDoor™ limits the risk of hand/object contact and the microbes outbreak and can be used by professionals or individuals for several applications (public establishments, companies, factories, warehouses, schools, hospitals, public transports, ...)

Features and Benefits

- Multifunctional - adaptation to all types of situation
- Antimicrobial additive - permanently prevents the proliferation of bacteria, fungi and H1N1 virus
- Washable (dishwasher, hydro alcoholic gel/spray, chemical disinfectant or wipes) - hygienic
- Reusable product and reuse of plastic scrap during manufacturing - No waste
- Ergonomic design - adapted to the shape of the hand, without muscular tiredness or tension
- Transport bracket - hanged up to the belt to avoid contact with other objects
- Low contact surface EasyDoor™/object - avoids transmision of microbes and contributes to the sanitary integrity of private and collective spaces
- Made with fiberglass - high mechanical resistance

EasyDoor™ - Touchless door opener.
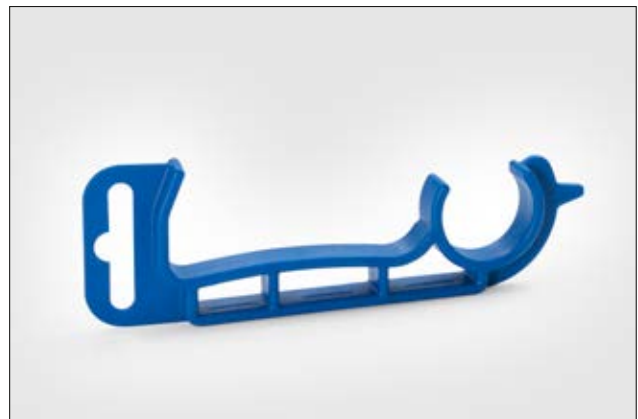
EasyDoor™ - Multifunctional antimicrobial handle.

MATERIAL	Polypropylene, glass-fibre reinforced (PPGF20%)

TYPE	Pack Cont.	Article-No.
EasyDoor	10 pcs.	148-00162
	1,000 pcs.	148-00160

All dimensions in mm. Subject to technical changes.