



Pre-Printed Cable Markers

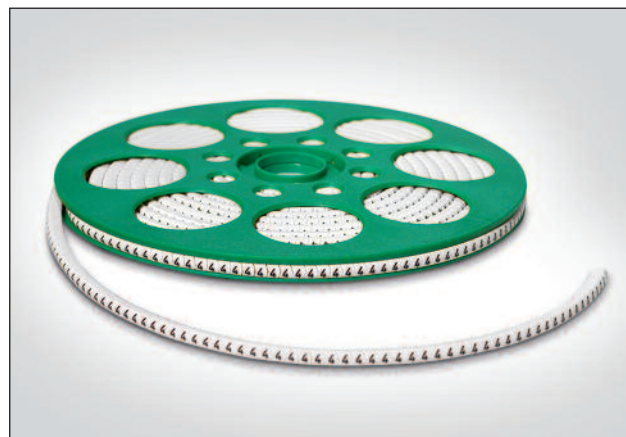
Helagrip, Slide on, Chevron Cut

Helagrip is used to mark cable and wire. Ideally suited to panel building, mass transit, utilities, telecommunications, and electrical contracting.

Characters are 0-9, A-Z, and standard electrical symbols. Available in reels of 250 or 1000 dependant on the size.

Features and Benefits

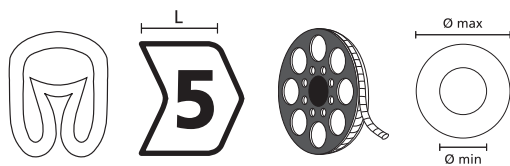
- Easy to apply one size marker to fit a wide range of cables
- Markers are applied before termination takes place
- Chevron cut to lock markers together ensuring text remains in place
- Traditional wire marking available in yellow, white and colour code
- Flexible material so product remains securely on the wire



Chevron Cut Helagrip Markers.

MATERIAL	Flexible Polyvinyl Chloride, cadimium free (PVC)
Opertation Temperature	-65°C to +105°C, intermittent +135°C
Flammability	UL94 V0 (3mm)
Specifications	BS-2782-540B, BS-6746C, IEC 757, UL224

RoHS ✓



TYPE	Bundle Ø min mm	Bundle Ø max mm	Length (L) mm	Pack Cont.
HGDC1-3	1.0	3.0	3.5	1000
HGDC2-5	2.0	5.0	3.5	1000
HGDC4-9	4.0	9.0	5.0	250



See page 444 in the Product Catalogue for black on yellow and colour coded markers



Pre-Printed Cable Markers

Helagrip, Slide on, Chevron Cut Black on White

HGDC1-3 Reels of 1000	
Mark	Article-No.
A	516-01755
B	516-01756
C	516-01757
D	516-01758
E	516-01759
F	516-01760
G	516-01761
H	516-01762
I	516-01763
J	516-01764
K	516-01765
L	516-01766
M	516-01767
N	516-01768
O	516-01781
P	516-01770
Q	516-01771
R	516-01772
S	516-01773
T	516-01774
U	516-01775
V	516-01776
W	516-01777
X	516-01778
Y	516-01779
Z	516-01780
0	516-01781
1	516-01782
2	516-01783
3	516-01784
4	516-01785
5	516-01786
6	516-01787
7	516-01788
8	516-01789
9	515-01699
→	516-01791
←	516-01792
↔	516-01793
↗	516-01794
↘	516-01795

HGDC2-5 Reels of 1000	
Mark	Article-No.
A	515-02019
B	515-02029
C	515-02039
D	515-02049
E	515-02059
F	515-02069
G	515-02079
H	515-02089
I	515-02099
J	515-02109
K	515-02119
L	515-02129
M	515-02139
N	515-02149
O	515-02279
P	515-02169
Q	515-02179
R	515-02189
S	515-02199
T	515-02209
U	515-02219
V	515-02229
W	515-02239
X	515-02249
Y	515-02259
Z	515-02269
0	515-02279
1	515-02289
2	515-02299
3	515-02309
4	515-02319
5	515-02329
6	515-02339
7	515-02349
8	515-02359
9	515-02699
→	515-02419
←	515-02379
↔	515-02389
↗	515-02399
↘	515-02409

HGDC4-9 Reels of 250	
Mark	Article-No.
A	515-03795
B	515-03796
C	515-03797
D	515-03798
E	515-03799
F	515-03800
G	515-03801
H	515-03802
I	515-03803
J	515-03804
K	515-03805
L	515-03806
M	515-03807
N	515-03808
O	515-03821
P	515-03810
Q	515-03811
R	515-03812
S	515-03813
T	515-03814
U	515-03815
V	515-03816
W	515-03817
X	515-03818
Y	515-03819
Z	515-03820
0	515-03821
1	515-03822
2	515-03823
3	515-03824
4	515-03825
5	515-03826
6	515-03827
7	515-03828
8	515-03829
9	515-03699
→	515-03942
←	515-03831
↔	515-03832
↗	515-03833
↘	515-03834





Pre-Printed Cable Markers

Helagrip Cassette

A variety of marks in a convenient dispenser.

MHG1-3CASS contains 50 each of colour coded numbers 0, 1, 2 and 3 and 25 each of 4, 5, 6, 7, 8, 9 and A, E, L, N, R, S, T, +, - and earth printed black on white

MHG2-5CASS contains 25 each of colour coded numbers 1, 2, 3, 4, 5, 6, 7, 8, 9 and A, E, L, N, R, S, T, +, - and earth printed black on white.

- TJC Applicator tool included



Helagrip Cassette.

Type	Contents	Cable Ø Range mm	Marker Length mm	Application Tool	Article Number
MHG1-3CASS		1.0 - 3.0	3.5	TJC1-3	518-06013
MHG2-5CASS		2.0 - 5.0	3.5	TJC2-5	518-06025

Pre-Printed Cable Markers

Helagrip Kit

Some of the most commonly used markers supplied in a kit.

Each kit contains 250 each of colour coded numbers 0, 1, 2, 3, 4, 5, 6, 7, 8, 9 and L, N, R, S, T, +, - and earth printed black on white.



Helagrip Kit.

Type	Contents	Cable Ø Range mm	Marker Length mm	Application Tool	Article Number
MHG1-3KIT		1.0 - 3.0	3.5	TJC1-3	518-05013
MHG2-5KIT		2.0 - 5.0	3.5	TJC2-5	518-05025



TJC applicator tools sold separately.
See page 175 in Additions Catalogue



Pre-Printed Cable Markers

Ovalgrip, Slide on, Straight Cut Black on White

Ideally suited to panel building, mass transit, utilities, telecommunications and electrical contracting. Markers are available in black on white with characters 0-9, A-Z and standard electrical symbols.

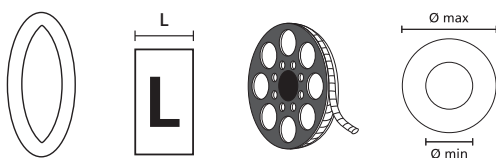
Features and Benefits

- Oval shaped markers designed to fit AT1, AT2 or AT3 (depends on Ovalgrip size)
 - AT1 Arrowtags will fit 7 size 50 markers.
 - AT2 Arrowtags will fit 8 size 85 markers.
 - AT3 Arrowtags will fit 14 size 85 markers.
- Ideal for use in maintenance and repair and fixed with cable ties
- Direct application to wire and cable before termination is also recommended
- HODS85 markers are available as bags of 100 or reels of 1000



Suitable for a variety of different applications.

MATERIAL	Flexible Polyvinyl Chloride, cadmium free (PVC)
Operation Temperature	-65°C to +105°C, intermittent +135°C
Flammability	UL94 V0 (3mm)
Specifications	BS-2782-540B, BS-6746C, IEC 757, IEC 304, UL224



TYPE	Bundle Ø min. mm	Bundle Ø max. mm	Length (L) mm	Pack Cont.	For Size
HODS50	1.7	3.6	4.0	1000	AT1
HODS85	1.8	6.3	4.5	100/1000	AT2/AT3

 See page 447 in Product Catalogue for black on yellow and colour coded ovalgrip markers

 See page 458 in Product Catalogue for arrowtags



Pre-printed Cable Markers

Ovalgrip, Slide on, Straight Cut Black on White

HODS50 - Reels of 1000		
Article-No.		Pack Cont.
A	531-00109	1000
B	531-00110	1000
C	531-00111	1000
D	531-00112	1000
E	531-00113	1000
F	531-00114	1000
G	531-00115	1000
H	531-00116	1000
I	531-00117	1000
J	531-00118	1000
K	531-00119	1000
L	531-00120	1000
M	531-00121	1000
N	531-00122	1000
O	531-00123	1000
P	531-00124	1000
Q	531-00125	1000
R	531-00126	1000
S	531-00127	1000
T	531-00128	1000
U	531-00129	1000
V	531-00130	1000
W	531-00131	1000
X	531-00132	1000
Y	531-00133	1000
Z	531-00134	1000
0	531-00099	1000
1	531-00100	1000
2	531-00101	1000
3	531-00102	1000
4	531-00103	1000
5	531-00104	1000
6	531-00105	1000
7	531-00106	1000
8	531-00107	1000
9	531-15374	1000
+	531-00718	1000
-	531-00719	1000
/	531-00720	1000
.	531-00721	1000
±	531-00722	1000

HODS85 - Reels of 1000		
Article-No.		Pack Cont.
A	531-07825	1000
B	531-07826	1000
C	531-07827	1000
D	531-07828	1000
E	531-07829	1000
F	531-07830	1000
G	531-07831	1000
H	531-07832	1000
I	531-07833	1000
J	531-07834	1000
K	531-07835	1000
L	531-07836	1000
M	531-07837	1000
N	531-07838	1000
O	531-07815	1000
P	531-07840	1000
Q	531-07841	1000
R	531-07842	1000
S	531-07843	1000
T	531-07844	1000
U	531-07845	1000
V	531-07846	1000
W	531-07847	1000
X	531-07848	1000
Y	531-07849	1000
Z	531-07850	1000
0	531-07815	1000
1	531-07816	1000
2	531-07817	1000
3	531-07818	1000
4	531-07819	1000
5	531-07820	1000
6	531-07821	1000
7	531-07822	1000
8	531-07823	1000
9	531-07737	1000
+	531-07813	1000
-	531-07810	1000
/	531-07812	1000
.	531-07811	1000
±	531-07814	1000

HODS85 - Bags of 100			
Article-No.			Pack Cont.
A	MHO85X5WE-100 A	531-07861	100
B	MHO85X5WE-100 B	531-07862	100
C	MHO85X5WE-100 C	531-07863	100
D	MHO85X5WE-100 D	531-07864	100
E	MHO85X5WE-100 E	531-07865	100
F	MHO85X5WE-100 F	531-07866	100
G	MHO85X5WE-100 G	531-07867	100
H	MHO85X5WE-100 H	531-07868	100
I	MHO85X5WE-100 I	531-07869	100
J	MHO85X5WE-100 J	531-07870	100
K	MHO85X5WE-100 K	531-07871	100
L	MHO85X5WE-100 L	531-07872	100
M	MHO85X5WE-100 M	531-07873	100
N	MHO85X5WE-100 N	531-07874	100
O	MHO85X5WE-100 O	531-07875	100
P	MHO85X5WE-100 P	531-07876	100
Q	MHO85X5WE-100 Q	531-07877	100
R	MHO85X5WE-100 R	531-07878	100
S	MHO85X5WE-100 S	531-07879	100
T	MHO85X5WE-100 T	531-07880	100
U	MHO85X5WE-100 U	531-07881	100
V	MHO85X5WE-100 V	531-07882	100
W	MHO85X5WE-100 W	531-07883	100
X	MHO85X5WE-100 X	531-07884	100
Y	MHO85X5WE-100 Y	531-07885	100
Z	MHO85X5WE-100 Z	531-07886	100
0	MHO85X5WE-100 0	531-07851	100
1	MHO85X5WE-100 1	531-07852	100
2	MHO85X5WE-100 2	531-07853	100
3	MHO85X5WE-100 3	531-07854	100
4	MHO85X5WE-100 4	531-07855	100
5	MHO85X5WE-100 5	531-07856	100
6	MHO85X5WE-100 6	531-07857	100
7	MHO85X5WE-100 7	531-07858	100
8	MHO85X5WE-100 8	531-07859	100
9	MHO85X5WE-100 9	531-07860	100
+	MHO85X5WE-100 +	531-08051	100
-	MHO85X5WE-100 -	531-08010	100
/	MHO85X5WE-100 /	531-08011	100
.	MHO85X5WE-100 .	531-08054	100



These markers are supplied fully severed in bags of 100





Pre-Printed Cable Markers

Ovalgrip Kit

Some of the most commonly used markers supplied in a kit.

Each kit contains 125 each of colour coded numbers 0, 1, 2, 3, 4, 5, 6, 7, 8, 9 and L, N, R, S, T, +, - and earth printed black on white



A convenient idea for a range of applications.

Type	Contents	Bundle min mm	Bundle max mm	Article Number
MHO85KIT		2.5	6.0	531-00253



Pre-Printed Cable Markers

MP Markers, Thin Wall, Slide On, Straight Cut

These high grade PVC markers have a thin wall which makes them ideal for identifying wire in areas where space is at a premium.

Features and Benefits

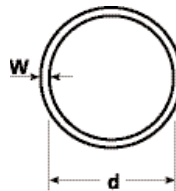
- Flexible markers to make installation easier
- Lighter than other markers due to the thin wall
- The material can be expanded up to 150%
- Supplied fully severed in bags of 1000



Ideal for identification in small spaces.

MATERIAL	PVC
Colours	International resistor colour code 0-9
Temperature	-65 to +105°C
Material Specification	UL224, BS-3858 Type 3, IEC 304

RoHS



d internal diameter
L length of single mark
W wall thickness

TYPE	Wall Thickness (mm)	Inside Ø (mm)	Length (L) (mm)	Tools	Pack Cont.
MP10	0.35	1.0	3.0	-	1000
MP12	0.35	1.2	3.0	-	1000
MP15	0.35	1.5	3.0	TJC1-3	1000
MP20	0.35	2.0	5.0	TJC2-5	1000
MP25	0.35	2.5	5.0	TJC2-5	1000
MP30	0.35	3.0	5.0	TJC2-5	1000
MP40	0.35	4.0	5.0	TJC4-9	1000
MP55	0.35	5.5	5.0	-	1000



TJC applicator tools sold separately.
See page 175 in Additions Catalogue



Pre-printed Cable Markers

MP markers, Thin Wall, Slide On, Straight Cut - Colour Coded

MP10	
Mark	Article-No.
0	520-02600
1	604-00203
2	604-00204
3	604-00205
4	604-00206
5	604-00207
6	604-00208
7	604-00209
8	604-00210
9	604-00211

MP12	
Mark	Article-No.
0	604-00300
1	604-00301
2	604-00302
3	604-00303
4	604-00304
5	604-00305
6	604-00306
7	604-00307
8	604-00308
9	604-00309

MP15	
Mark	Article-No.
0	604-00402
1	604-00403
2	604-00404
3	604-00405
4	604-00406
5	604-00407
6	604-00408
7	604-00409
8	604-00410
9	604-00411

MP20	
Mark	Article-No.
0	604-00547
1	604-00548
2	604-00549
3	604-00550
4	604-00551
5	604-00552
6	604-00553
7	604-00554
8	604-00555
9	604-00556

MP25	
Mark	Article-No.
0	604-00610
1	604-00611
2	604-00612
3	604-00613
4	604-00614
5	604-00615
6	604-00616
7	604-00617
8	604-00618
9	604-00619

MP30	
Mark	Article-No.
0	604-00715
1	604-00716
2	604-00717
3	604-00718
4	604-00719
5	604-00720
6	604-00721
7	604-00722
8	604-00723
9	604-00724

MP40	
Mark	Article-No.
0	604-00826
1	604-00827
2	604-00828
3	604-00829
4	604-00830
5	604-00831
6	604-00832
7	604-00833
8	604-00834
9	604-00835

MP55	
Mark	Article-No.
0	604-00907
1	604-00908
2	604-00909
3	604-00910
4	604-00911
5	604-00912
6	604-00913
7	604-00914
8	604-00915
9	604-00916



Thimble Jig

Thimble Jig Applicator Tool

PTFE coated applicator tools designed for use with Helagrip and MP markers.

Features and Benefits

- PTFE coating ensures that the markers can be slipped onto the wire with minimum effort.



Use TJC tools for easy application.

TYPE	Diameter max. mm	Diameter min. mm	Pack Cont.
TJC1-3	2.8	1.3	1
TJC2-5	5.0	2.3	1
TJC4-9	9.0	4.0	1

Adhesive Markers

Adhesive Vinyl Cloth Markers

Adhesive vinyl cloth markers printed with black on white numbers 0-9. Supplied in 2.4m rolls of each digit in a handy dispenser. Designed for easy marking of wires and cables.

Features and Benefits

- Easy to use
- PVC film with high opacity and adhesion strength
- Excellent adhesion to various surfaces
- Indoor use only



Handy wire marker dispenser.

TYPE	Length	Width mm	Pack Cont.
MT1	2.4m per roll	5.0	1



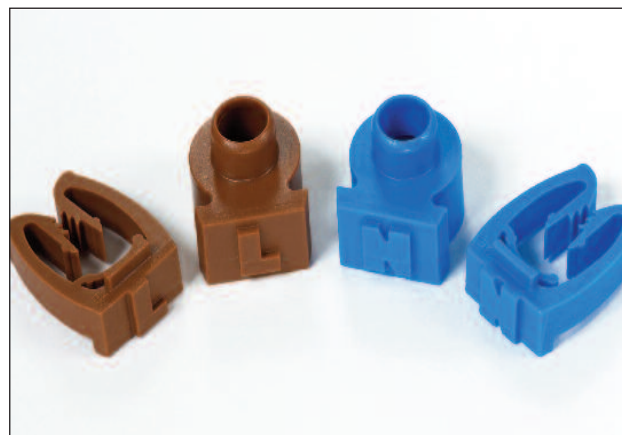
Smart Meter Cable Identification

Smart Meter Clips and Collars

As the installation of Smart Meters are rolled out across the UK and Europe it is ever more critical for installers to have a quick, safe and uniform identification method for cables. With a built in revenue protection system the Smart Meter clips and collars save time and cost compared to alternative methods.

Features and Benefits

- Quick, clean and safe installation
- Identification moulded onto the collar and clip
- No waste disposal
- Provides revenue protection
- Colour coded
- Captive when fitted
- Low profile
- Adaptable to multiphase
- No application tools
- Suitable for 16mm² and 25mm² cables



Smart Meter Clips and Collars.

MATERIAL	Polyamide 6.6 (PA66)
Operating Temperature	-40°C to +85°C (+105°C, 500h)
Flammability	UL94 (1.4mm)
Specifications	BS-7671



TYPE	Identification mark	Description	Colour	Pack Cont.	Article No.
SMCLIPBRL	L	Clip	Brown	1000 pcs.	539-00002
SMCLIPLBN	N	Clip	Light Blue	1000 pcs.	539-00003
SMCOLLARBRL	L	Collar	Brown	1000 pcs.	539-00000
SMCOLLARLBN	N	Collar	Light Blue	1000 pcs.	539-00001

L1, L2, L3 are also available for multiphase installations



Smart Meter Cable Stripping Tools

CORE16 and CORE25

The CORE tools strip the cable safely to a pre-defined length, ensuring that the cable is stripped correctly first time, every time, to provide a quick, easy and compliant install.

The inner and outer sheathing is removed by the CORE tool leaving a shoulder that allows the cable to fit perfectly inside the Smart Meter collars.

Features and Benefits

- To be used in conjunction with smart meter clips and collars
- Speeds up installation time
- Strips the cable correctly every time
- Reduces the amount of cable wasted
- Ergonomic design
- Reduces risk of injury compared to using conventional methods



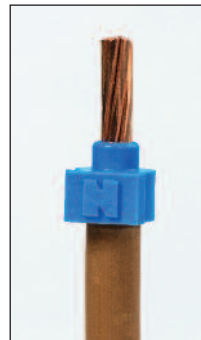
The CORE tools are designed to accurately strip cable to the required length.



Insert cable, twist to strip cable.



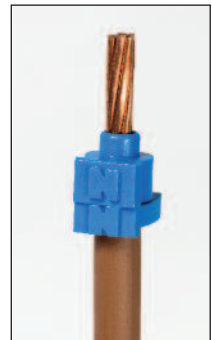
Push Smart meter collar onto cable.



Push clip up to secure.

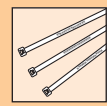


Final indent.



TYPE	Application	For Cable Diameter
CORE16	Smart Meter clips and collars	16mm ²
CORE25	Smart Meter clips and collars	25mm ²





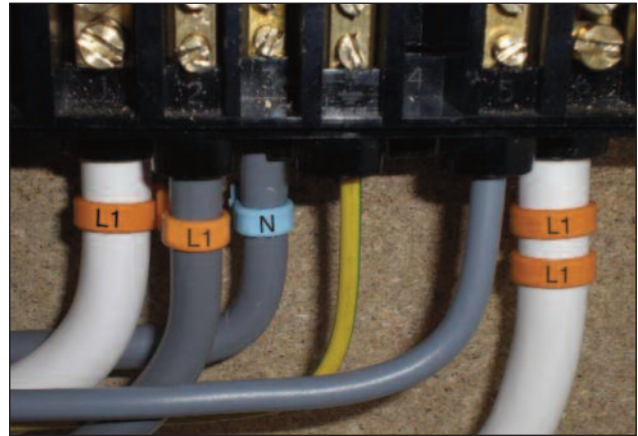
Printed Cable Ties

Printed Cable Ties for Metering Installation

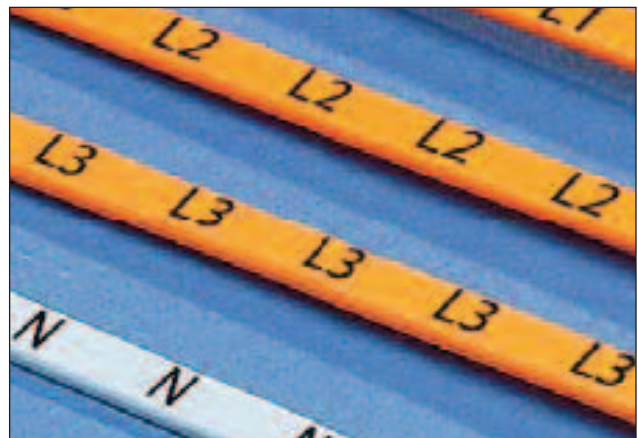
A range of printed ties specifically designed for meter installations.

Features and Benefits

- Manufactured from Virgin Grade PA66 material
- MOQ applies
- Colours available: Light Blue Printed N, Dark Blue printed N, Orange Printed L, Orange Printed L1, Orange Printed L2, Orange Printed L3, Brown Printed L1, Brown Printed L2, and Brown Printed L3.



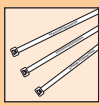
Printed Cable Ties for Metering Installation.



Printed Cable Ties.

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





Identification Cable Ties

Printed Ties for General ID purposes

Used to easily identify cables, pipes, tools and equipment.

Features and Benefits

- Can be custom printed to your requirements
- Manufactured from virgin grade PA66 material
- Available in various colours
- Other sizes available on request
- MOQ applicable



Identification Cable Ties.

TYPE	Description	Length mm	Width mm	Printable Area mm	Pack Cont.
T50RPRN	Printed Tie	200	4.6	100	1000
LK2APRN	Printed Tie	275	4.6	200	1000

RoHS

Identification Cable Ties

Printed Ties to Identify Vibration Risk

A range of cable ties for use on power tools and other equipment to identify vibration risk.

Features and Benefits

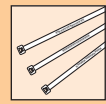
- Can be used to identify 3 risk levels: Low, Medium and High
- Custom printed to your specific requirements
- Available in red, blue, green, yellow and orange
- MOQ applicable



Printed Ties.

TYPE	Description	Length mm	Width mm	Printable Area mm	Pack Cont.
T120RPRN	Printed Tie	380	7.6	180	1000

RoHS



Identification Cable Ties

Printed Fluorescent Ties

A range of fluorescent cable ties which can be custom printed for your specific requirements.

Features and Benefits

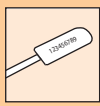
- Easily identifies tools and equipment
- Manufactured from virgin grade PA66 material
- Available in fluorescent orange or yellow
- MOQ applicable



Printed Fluorescent Ties.

TYPE	Description	Length mm	Width mm	Printable Area mm	Pack Cont.
T120IPRN	Printed Tie	300	7.6	180	1000





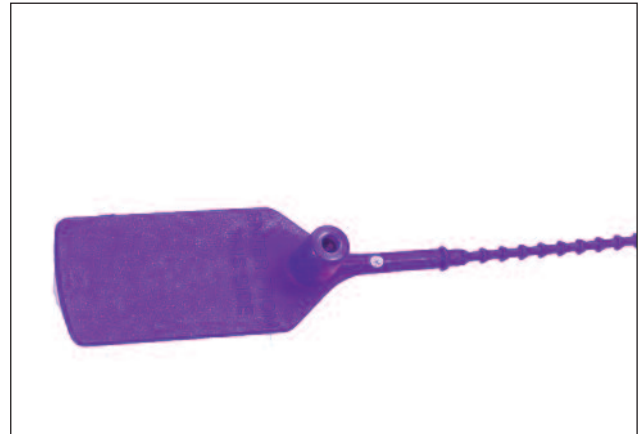
Security Seals

Pull Tight Security Seal

A range of pull tight security seals suitable for fire doors, fire extinguishers, safety deposit boxes and coin boxes.

Features and Benefits

- Moulded in high grade polypropylene
- Supplied in mats of 10
- Available with a sequential serial number if required
- Customised printing available at extra cost, MOQ will apply



PTSK Security Seal.

TYPE	Description	Length mm	Width mm	Flag Length mm	Flat Width mm	Printable Area mm	Pack Cont.
PTSK	Pull Tight Seal	195	2.4	40	19.5	32	2000

RoHS

Security Seals

Pull Tight Security Seal

A range of pull tight security seals suitable for transportation, postal bags and roll cages.

Features and Benefits

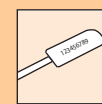
- Moulded in high grade polypropylene
- 220mm long
- Customised printing available at extra cost, MOQ will apply



PTSK2 Security Seal.

TYPE	Description	Length mm	Width mm	Flag Length mm	Flat Width mm	Printable Area mm	Pack Cont.
PTSK2	Pull Tight Seal	220	8	85	27	50	1000

RoHS



Security Seals

Pull Tight Security Seal

These pull tight security seals are suitable for postal bags, security containers and transportation.

Features and Benefits

- 350mm long
- Moulded in high grade polypropylene
- Customised printing available at extra cost, MOQ will apply



PTSK3 Security Seal.

TYPE	Description	Length mm	Width mm	Flag Length mm	Flat Width mm	Printable Area mm	Pack Cont.
PTSK3	Pull Tight Seal	350	8	85	27	50	1000



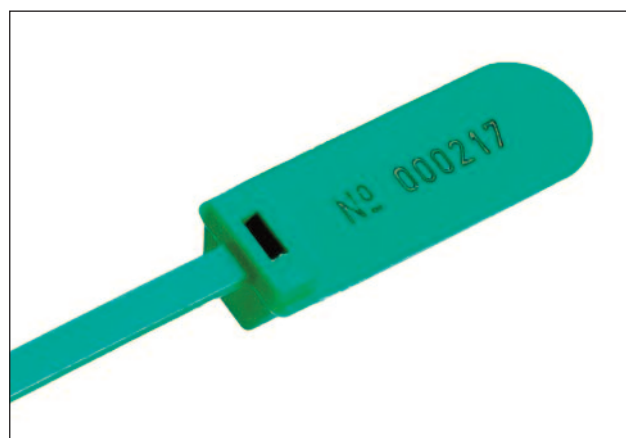
Security Seals

Fixed Length Security Seal

These security seals suitable for vehicle doors, roll cages and tankers.

Features and Benefits

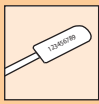
- 200mm long
- Moulded in high grade polypropylene
- Customised printing available at extra cost, MOQ will apply



FLSK Security Seal.

TYPE	Description	Length mm	Width mm	Flag Length mm	Flat Width mm	Printable Area mm	Pack Cont.
FLSK	Fixed Length Seal	200	5.9	55	19.5	50	1000





Security Seals

Pluglok Security Closure

This range of pluglok security closures are for use with the attached lid distribution containers.

Features and Benefits

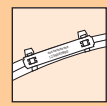
- Easy application and removal giving considerable time savings
- Manufactured in high grade polypropylene
- Other sizes available on request
- Available in green, red, white and yellow
- Please state colour when ordering



PLS10 Pluglok Seal.

TYPE	Description	Pack Cont.
PLS10	Pluglok Security Seal	1000





Identification Tags for Cable Bundles, Thermal Transfer

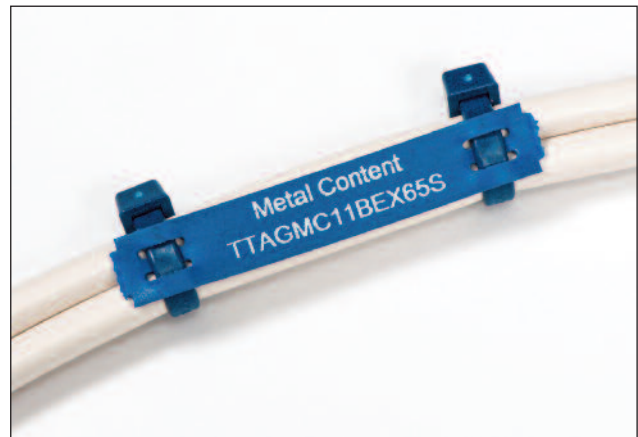
TTAGMC – Metal Content Tiptags, Polyolefin

TTAGMC is designed for use in identifying wire, cable bundles and equipment in food and pharmaceutical industries, where material needs to be detectable by its metal content.

Printers: TT4000+ and TT430
 Ribbon: TTRW or TTDTHOUT
 Software: TagPrint ProV3

Features and Benefits

- Identification tags for use with large wire and cable bundles
- Perforated format that includes fastening slots for fixing ties
- Outstanding chemical resistance
- Non-burning
- High temperature resistance
- Available in blue as standard
- Special lengths, widths and colours available on request

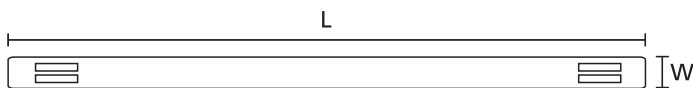


Metal Content Tiptags.

MATERIAL	Polyolefin
Operation Temperature	-40°C to +85°C
Flammability	UL94(1.4mm)
Recommended Ribbon Type	TTRW, TTDHOUT



RoHS ✓



TYPE	Length (L) mm	Width (W) mm	Pack Cont.	Colour	Article-No.
TTAGMC11BEX65S	65.0	11.0	190	Blue (BU)	556-26500
TTAGMC11BEX100S	100.0	11.0	120	Blue (BU)	556-26501
TTAGMC15BEX65S	65.0	15.0	190	Blue (BU)	556-26502
TTAGMC15BEX100S	100.0	15.0	120	Blue (BU)	556-26503



For printers, ribbons and software see section 5.6 in our Product Catalogue



RFID (Radio Frequency Identification)

What is RFID?

HellermannTyton has developed a range of nylon and metal identification cable ties with RFID tag to enable users to easily fix the RFID tag to equipment that needs to carry a serial number for tracking and identification purposes.

There are currently three options available with more configurations currently in development. Each variant comes fitted with the appropriate RFID transponder.

Data relating to an item is stored on a RFID tag attached to an item, in this case a cable tie. Similar to a bar code the tag is a data carrier, it carries data programmed into a small computer chip and operates at a wide range of frequencies.



RFID Cable Ties.

Applications include:

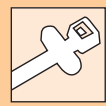
- Theft prevention
- Keg and gas cylinder tracking
- Asset management
- Attendance verification
- Security tagging
- Leak detection
- Essential maintenance
- Baggage tagging

Advantages of RFID over other ID technologies:

- Reliable operation in harsh environments (i.e. wet, dusty, dirty conditions; corrosive environments, vibration and shock)
- No need for contact or line-of-sight
- Freedom from line-of-sight constraints (transponders can be read irrespective of orientation and through virtually any material, including flush mounted in or surface mounted on metals)



Application.



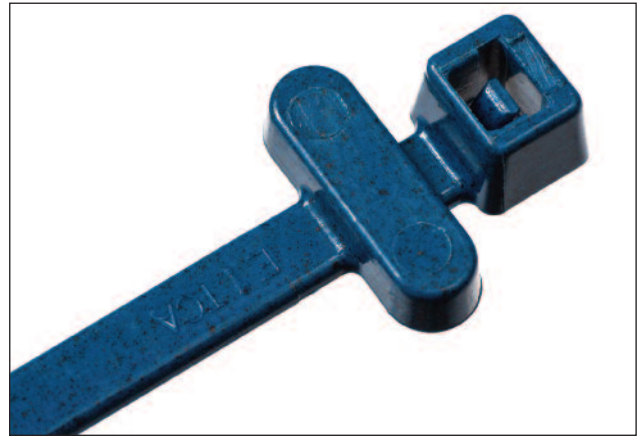
Cable Ties Complete with RFID Transponder Metal Content Nylon

Low Frequency (LF) and High Frequency (HF)

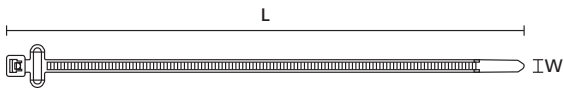
To complement our standard range of nylon RFID cable ties, we have introduced a metal content version made from polyimide 6.6 with metal particles (PA66MC) to be used within the food and pharmaceutical industries.

Features and Benefits

- Complete with either a low frequency (LF) or High Frequency (HF) transponder
- Standard colour blue



Metal Content RFID Cable Tie.



TYPE	Length (L) mm	Width (W) mm	Material	Colour	Pack Cont.	Article No.
MCTRFIDCHA.NL3P	200	4.6	PA66MP with HF RFID	BLUE	100	111-01676
MCTRFIDCLA.NL3P	200	4.6	PA66MP with LF RFID	BLUE	100	111-01976



Please see page 457 of Product Catalogue for other ranges



Material specification, please see page 24 of the Product Catalogue



HF ✓

RoHS ✓





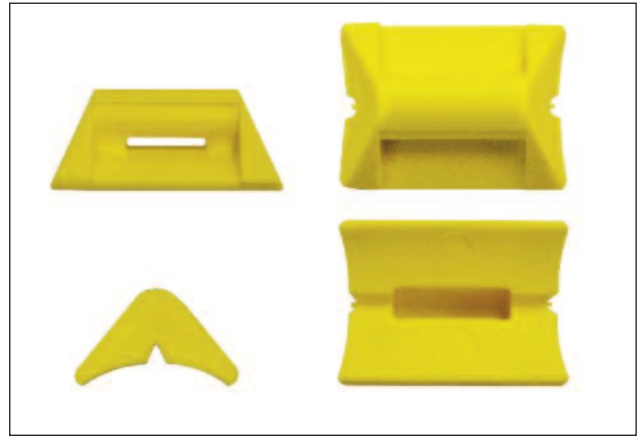
Cable Tie Cradle complete with RFID Transponder

High Frequency (HF)

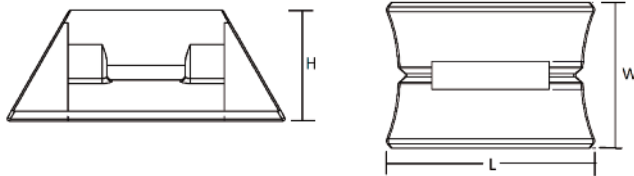
To complement the RFID cable ties, HellermannTyton also has an RFID cradle which can be used when the standard RFID cable tie is not long enough. The cradle is manufactured in thermoplastic polyurethane (TPU) and has a slot to allow any length of cable tie up to 7.9mm wide and is pre-fitted with a high frequency RFID transponder.

Features and Benefits

- Standard colour is yellow, other colours are available upon request
- High frequency (13.56 MHz) as standard
- Made from durable TPU and is suitable to be used in salt water conditions
- Cable Tie slot to suit standard cable ties up to 7.9mm wide
- ATEX approved transponder



Cable Tie Cradle with RFID Transponder.



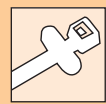
TYPE	Height (H) mm	Width (W) mm	Length (L) mm	Colour	Pack Cont.	Article No.
RFID-CRADLE-HF	11.31	19.80	27.87	Yellow	100	151-01472



Material specification, please see page 24 of the Product Catalogue



Other frequencies available on request



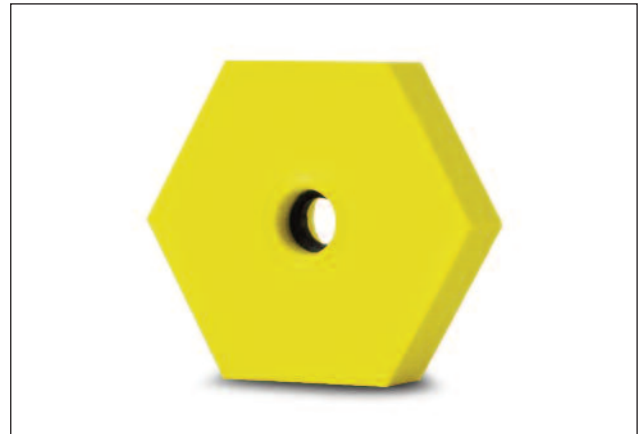
HEX TAG Complete with RFID Transponder

High Frequency (HF)

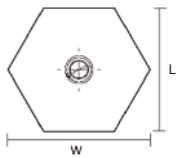
Alongside the cradle, HellermannTyton also has an RFID HEX TAG which can be used when a cable tie fixing is not suitable. The HEX TAG is manufactured in Polyamide 6.6 (PA66) and has a hole in its centre which is used to fix the tag to a piece of equipment either a stud, bolt or screw.

Features and Benefits

- Standard colour is yellow, other colours are available upon request
- High frequency (13.56 MHz) as standard. Other frequencies available upon request
- ATEX approved transponder



HEX TAG.



TYPE	Height (H) mm	Width (W)/Length (L) mm	Hole Ø mm	Colour	Pack Cont.	Article No.
RFID-HEXTAG-HF	8.0	33.35	6.5	Yellow	100	151-01582



Material specification, please see page 24 of the Product Catalogue



RFID Reader

RFID Readers for Scanning RFID Identification Products

RFID readers are used to simply and quickly read data from transponders which are integrated into our RFID range of identification products. The readers are suitable for a wide range of applications and are available as handheld or desktop devices for high or low frequency ranges.

Features and Benefits

- Very easy to use
- Different versions to meet different needs
- The USB interface enables the reader to be connected easily to a PC
- HS9 readers can be connected to a smartphone or PC via Bluetooth
- Compatible with Android and iOS devices



High Frequency Desktop Reader.

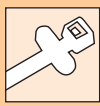


Low or High Frequency Bluetooth reader.

TYPE	Description	Reading System	Operating Frequency	Article No.
RFID-HS9BT-LF	Hand Held Reader	ASK 64-bit Manchester	125 kHz, Low Frequency (LF)	556-00701
RFID-HS9BT-HF	Hand Held Reader	ISO 14443, ISO 15693	13.56 MHz, High Frequency (HF)	556-00700
RFID-DT22	Desktop Reader	ISO 14443A, ISO 15693	13.56 MHz, High Frequency (HF)	556-00702



For more information please contact our customer services department or consult our RFID brochure



Stainless Steel Cable Ties Complete with RFID Transponder

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

The HellermannTyton range of stainless steel cables ties complete with a fitted RFID transponder are ideal for asset management applications in harsh environments. Using our proven range of MBT polyester coated stainless steel range the tie comes fitted with a slide on carrier holding either a high frequency (HF) or ultra high frequency (UHF) RFID transponder.

Features and Benefits

- Standard colour red, black coating is also available as a special
- 316 Stainless Steel
- Patented non-releasable locking feature
- Comfortable handling and installation
- Eliminates contact corrosion between dissimilar materials during application



Stainless Steel Cable Tie with RFID Transponder.

TYPE	Length (L) mm	Width (W) mm	Frequency	Colour	Pack Cont.	Article No.
MBT8HFCRFID KIT	201	7.9	HF RFID transponder	RED	50 pcs	156-01167
MBT14HFCRFID KIT	362	7.9	HF RFID transponder	RED	50 pcs	111-01586
MBT20HFCRFID KIT	521	7.9	HF RFID transponder	RED	50 pcs	111-01587
MBT27HFCRFID KIT	685	7.9	HF RFID transponder	RED	50 pcs	111-01588
MBT33HFCRFID KIT	838	7.9	HF RFID transponder	RED	50 pcs	111-01589

TYPE	Length (L) mm	Width (W) mm	Frequency	Colour	Pack Cont.	Article No.
MBT8HHFRFID KIT	201	7.9	UHF RFID transponder	RED	50 pcs	156-01565
MBT14HHFRFID KIT	362	7.9	UHF RFID transponder	RED	50 pcs	156-01566
MBT20HHFRFID KIT	521	7.9	UHF RFID transponder	RED	50 pcs	156-01567
MBT27HHFRFID KIT	685	7.9	UHF RFID transponder	RED	50 pcs	156-01568
MBT33HHFRFID KIT	838	7.9	UHF RFID transponder	RED	50 pcs	156-01569

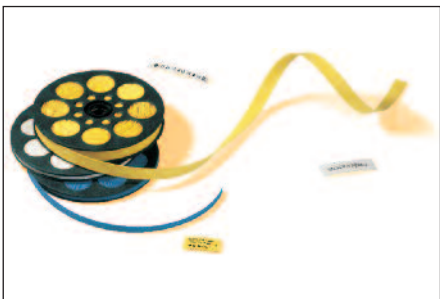
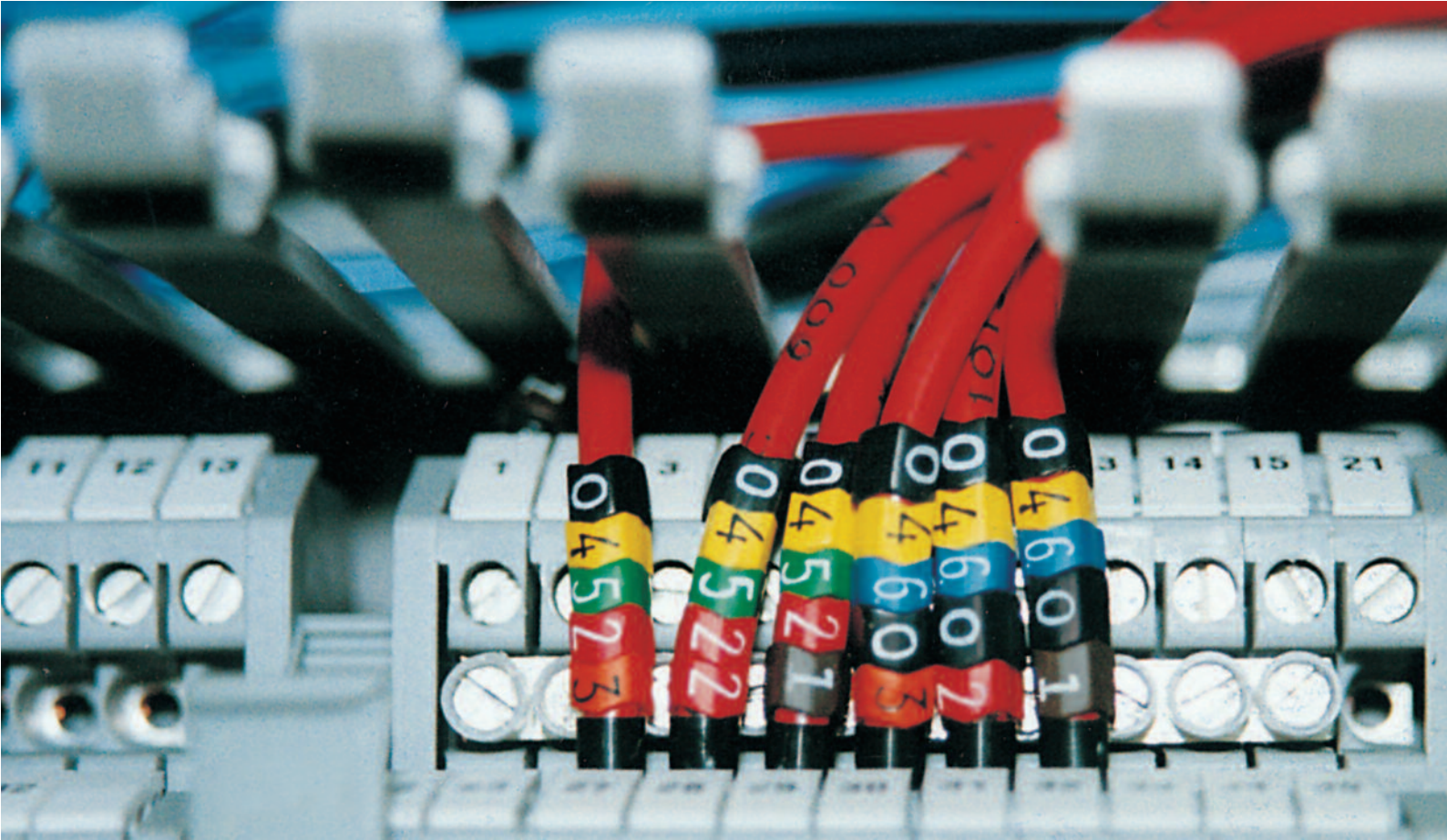


See pages 522-523 Product Catalogue
For recommended tools MK9SST / MK9PSST /
HDT16 / KST-STG200



Material specification, please see page 24 of
the Product Catalogue

Identification Systems



For more information on our complete Identification range of products, please see our Product Catalogue Section 5 Identification Systems

