

HELLERMANN TYTON

February 2011



Cable Care
HELLERMANN TYTON



A3

HellermannTyton
snapfix **Cableater**
THE TOTAL PVC CONDUIT REPAIR SYSTEM SLIT HARNESS WRAP

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Bringing you the best

HAMER
LIMITED

Cable Care
HELLERMANN TYTON



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HellermannTyton Cable Ties



MATERIAL

Nylon Type 6/6 - a high grade engineering thermoplastic.

FEATURES

High strength, toughness, flexibility, excellent abrasion resistance and good electrical insulation.

ENVIRONMENTAL EFFECTS

Nylon is virtually unaffected by air at normal temperatures. Ultra-violet light, as present in sunlight, causes a gradual deterioration of mechanical properties and black colour is recommended for outdoor use.

PHYSICAL PROPERTIES

- Moisture Content** Dependent upon temperature and humidity. Nylon 6/6 is hygroscopic, and therefore absorbs or releases moisture depending on it's environment. Thus, the moisture level of the material will affect tensile strength, stiffness and elongation of the product.
- Tensile Strength** Varies with water content. e.g. at 23°C. 2.5% moisture = 790 kg/cm² (11,200 psi)
- Melting Point** 260°C
- Temperature Range** -40°C to + 85°C Continuous Service
- Flammability** Rated as V-2 on Underwriters Laboratories Specification UL-94
- Chemical Properties** Nylon 6/6 displays good resistance to all alkalis. Excellent resistance is shown to most organic solvents and to oil and petrol. In general Nylon 6/6 is only attacked by strong oxidising agents such as sulphuric and nitric acid.
It is halogen free so it does not release dangerous gases, such as chlorine, bromine, fluorine and iodine when burned.

MATERIAL SPECIFICATIONS

	Nylon 6/6 General Purpose	Nylon 6/6 2% Carbon UV Stabilized
Tensile Strength	12,000	12,000
Continuous Operating Temp.	-40°C +85°C	-40°C +85°C
UL Flame Rating	94V-2	94V-2
Oxygen Index	28%	26%
Gamma Radiation Resistance	1 x 10 ⁵ Rads	1 x 10 ⁵ Rads
UV Resistance	Poor	Good
Chem. Resistance (1 - Poor, 10 - Good)	6	6
- Hydrocarbons	8	8
- Chlorinated Hydrocarbons	6	6
- Acids	2	2
- Bases	6	6
- Salts	3	3

BLACK WEATHER RESISTANT TIES

Material:- Nylon Type 6/6
High grade engineering thermoplastic with 2% carbon included for military specification. Carbon acts as an UV stabiliser, prolonging the life of the product under ultraviolet conditions.

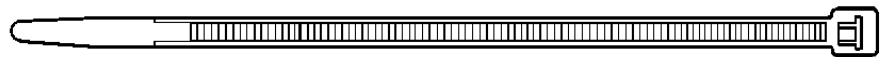
All other characteristics are the same as standard Nylon 6/6.



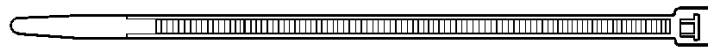
Hellermann Cable Ties

STANDARD TIES - MILITARY SPECIFICATIONS

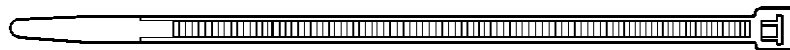
Hamer Code	Reference Number	Colour	Pack Size	Length mm	Width mm	Tensile Strength Kg	Max. Bundle Dia. mm.
HCT300	T18R Ties	Natural	100	100	2.5	8.1	16
HCT305	T18R-W Ties	Black	100	100	2.5	8.1	16
HCT310	T18I Ties	Natural	100	144	2.5	8.1	35
HCT315	T18L Ties	Natural	100	200	2.5	8.1	53
HCT320	T18L-W Ties	Black	100	200	2.5	8.1	53



Hamer Code	Reference Number	Colour	Pack Size	Length mm	Width mm	Tensile Strength Kg	Max. Bundle Dia. mm.
HCT330	T30R Ties	Natural	100	150	3.5	13.6	35
HCT333	T30R Ties	Natural	1000	150	3.5	13.6	35
HCT335	T30R-W Ties	Black	100	150	3.5	13.6	35
HCT340	T30LL Ties	Natural	100	300	3.5	13.6	75
HCT343	T30LL-W Ties	Black	100	300	3.5	13.6	75



Hamer Code	Reference Number	Colour	Pack Size	Length mm	Width mm	Tensile Strength Kg	Max. Bundle Dia. mm.
HCT350	T50R Ties	Natural	100	200	4.6	22.7	56
HCT355	T50R-W Ties	Black	100	200	4.6	22.7	56



Hamer Code	Reference Number	Colour	Pack Size	Length mm	Width mm	Tensile Strength Kg	Max. Bundle Dia. mm.
HCT370	T50L Ties	Natural	100	385	4.6	22.7	109
HCT375	T50L-W Ties	Black	100	385	4.6	22.7	109

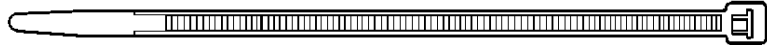


Hamer Code	Reference Number	Colour	Pack Size	Length mm	Width mm	Tensile Strength Kg	Max. Bundle Dia. mm.
HCT380	T60R Ties	Natural	100	301	4.8	22.7	73
HCT385	T60R-W Ties	Black	100	301	4.8	22.7	73





Hamer Code	Reference Number	Colour	Pack Size	Length mm	Width mm	Tensile Strength Kg	Max. Bundle Dia. mm.
HCT400	T120R Ties	Natural	100	390	7.6	54.4	108
HCT405	T120R-W Ties	Black	100	390	7.6	54.4	108
HCT410	T120M Ties	Natural	100	465	7.6	54.4	130
HCT415	T120M-W Ties	Black	100	465	7.6	54.4	130
HCT425	T120L-W Ties	Black	100	760	7.6	54.4	228



Hamer Code	Reference Number	Colour	Pack Size	Length mm	Width mm	Tensile Strength Kg	Max. Bundle Dia. mm.
HCT430	T150M Ties	Natural	100	540	8.8	79.4	152.4
HCT435	T150M-W Ties	Black	100	540	8.8	79.4	152.4



STANDARD TIES - NON-MILITARY SPECIFICATIONS

Hamer Code	Reference Number	Colour	Pack Size	Length mm	Width mm	Tensile Strength Kg	Max. Bundle Dia. mm.
HCT520	LK3X Ties	Natural	100	270	8.6	45.4	70
HCT530	LK5	Natural	100	540	13	113.4	152
HCT540	LK5-W Ties	Black	100	540	13	113.4	152

* While stocks Last



OUTSIDE SERRATED TIES

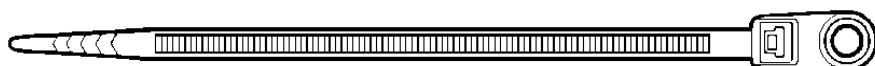
Hamer Code	Reference Number	Colour	Pack Size	Length mm	Width mm	Tensile Strength Kg	Min	Max
HCT205	HCT205	Green	1000	100	2.5	8.1	1.6	20
HCT210	HCT210	Brown	200	100	2.5	8.1		16
HCT225	HCT225	Blue	1000	100	2.5	8.1	1.6	20
HCT235	HCT235	Orange	1000	100	2.5	8.1	1.6	20
HCT240	HCT240	Natural	200	100	2.5	8.1		16



MOUNTING HEAD TIES

Hamer Code	Reference Number	Colour	Pack Size	Length mm	Width mm	Tensile Strength Kg	Max. Bundle Dia. mm.
HCT360	T50MRN	Natural	100	200	4.6	22.7	50

* While stocks Last



RELEASABLE TIES

Hamer Code	Reference Number	Colour	Pack Size	Length mm	Width mm	Tensile Strength Kg	Max. Bundle Dia. mm.
HCT650	REL250 Ties	Black	100	250	7.5	20.4	68
*HCT670	RT50R	White	100	140	8.6	22	35

* While stocks Last



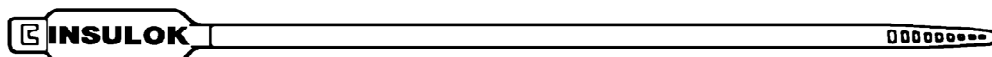
DOUBLE HEADED TIES

Hamer Code	Reference Number	Colour	Pack Size	Length mm	Width mm	Tensile Strength Kg	Max. Bundle Dia. mm.
HCT660	T50IDH Double Head	Natural	100	305	4.6	22 – 1 st lp 18 – 2 nd lp	38/2 loops



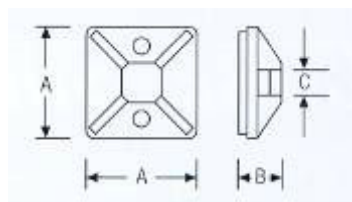
IDENTIFICATION TIES

Hamer Code	Reference Number	Colour	Pack Size	Length mm	Width mm	Tensile Strength Kg	Max. Bundle Dia. mm.
HCT630	IT50R	Natural	100	203	25 x 11	22.7	44

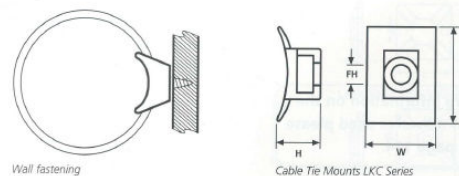


MOUNTING BASES

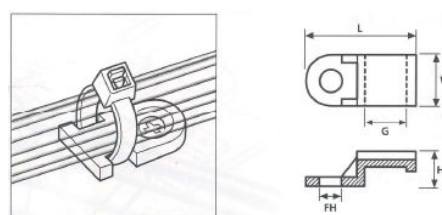
Hamer Code	Reference Number	Colour	Pack Size	A	B	Max Cable Tie Width
HCT715	MB3A	Black/Natural	100	19	3.8	3.5
HCT720	MB4A	Natural	100	28.5	4.7	5.6



Hamer Code	Reference Number	Colour	Pack Size	H	W	L	Max Cable Tie Width
HCT745	LKC	Black	100	13.5	17	25	8

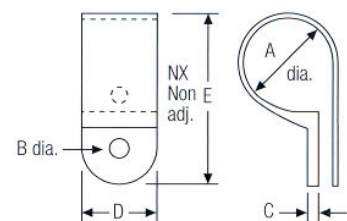


Hamer Code	Reference Number	Colour	Pack Size	H	W	L	Max Cable Tie Width
HCT700	MB1	Natural	100	3.5	8	12.5	2.6
HC720	MB2	Black	100	3.3	12.5	20.5	5



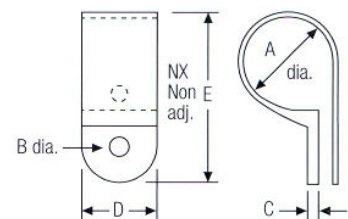
“P” CLIPS

Hamer Code	Reference Number	Colour	A	B	C	D	E
HCT678	NX0	Black	3.4	3.5	1.0	6.2	12.0
HCT684	NX2A	Black	7.6	3.9	1.0	9.4	20.0
HCT686	NX3	Black	8.0	3.9	1.0	9.4	20.5



"H" CLIPS (*Supersedes "P" Clips when stock levels sold out*)

Hamer Code	Reference Number	Colour	A	B	C	D	E
HCT101	H1P	Black	3.2	4.2	0.8	10	10
HCT102	H2P	Black	5.0	4.2	1.0	10	13
HCT103	H3P	Black	6.5	4.2	1.0	10	13
HCT104	H4P	Black	8.0	4.2	1.2	10	14
HCT105	H5P	Black	9.5	4.2	1.2	10	15
HCT107	H7P	Black	12.5	4.2	1.2	10	20
HCT109	H9P	Black	16.0	4.2	1.5	10	24
HCT115	H15P	Black	25.5	5.5	1.5	12	35



CABLELOKS

Hamer Code	Reference Number	Cable Range	Size	Pack Qty
HCT850	CABLELOK1080	3.8 - 5.2	R1	50
HCT860	CABLELOK1081	5.25 - 8.0	R2	50
HCT870	CABLELOK1082	8.0 - 9.5	R3	50
HCT880	CABLELOK1084	8.0 - 14.0	B1	25
HCT890	CABLELOK1085	13.0 - 16.5	B2	25



TENSIONING TOOLS

Hamer Code	Reference Number	Tie Sizes
HCT801	MARK 7P	2.5 - 4.6mm wide, pneumatic
HCT802	MARK 8	2.5 - 4.8mm wide, tensioning and cutting tool



Hellermann PVC Insulation Tape

HELLERMANN PREMIUM

Hamer Code	Reference Number
HP600	Black
HP610	Red
HP620	Yellow
HP630	Blue
HP640	Green
HP650	White
HP670	Rainbow Packs 2 x white, 2 x light blue, 2 x red, 2 x green & 2 x black

UL Listed. Size 0.18mm x 19mm x 20m, 250 per box
Suitable for up to 600V, temperatures between -10 to 80°C



Hamer Code	Reference Number
HP900	Black

UL Listed. 0.18mm x 50mm x 30m, 50 per box. Suitable for up to 600V, temperatures between -10 to 80°C

Hamer Code	Reference Number
HP950	Black

UL Listed. 0.18mm x 72mm x 30m, 50 per box. Suitable for up to 600V, temperatures between -10 to 80°C

HELLERMANN STANDARD

Hamer Code	Reference Number
HP700	Black
HP710	Red
HP720	Yellow
HP730	Blue
HP740	Green
HP750	White
HP760	Rainbow Packs 2 x white, 2 x blue, 2 x red, 2 x green & 2 x black
HP770	Silver

0.18mm x 19mm x 20m, 250 per box.



Hellermann Snapfix Conduit Repair

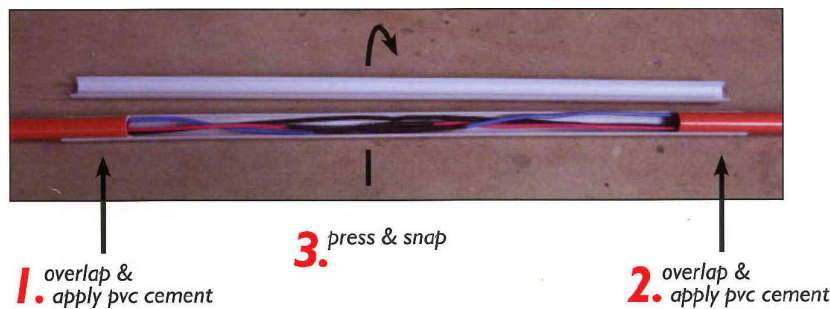
SNAPFIX

Hamer Code	Reference Number
SNA20E	20mm Grey Conduit Repair Strip
SNA25E	25mm Grey Conduit Repair Strip
SNA32E	32mm Grey Conduit Repair Strip
SNA40E	40mm Grey Conduit Repair Strip
SNA50E	50mm Grey Conduit Repair Strip
SNA20EO	20mm Orange Conduit Repair Strip
SNA25EO	25mm Orange Conduit Repair Strip
SNA32EO	32mm Orange Conduit Repair Strip
SNA40EO	40mm Orange Conduit Repair Strip
SNA50EO	50mm Orange Conduit Repair Strip

Features:

- IP66 rated
- Suitable for underground
- Standard length of 1 metre, per strip
- Available for 20, 25, 32, 40 and 50mm conduits
- Inside diameter of Snapfix is equal to the outside diameter of electrical conduits

with **snapfix** it's as easy as 1-2-3
THE TOTAL PVC CONDUIT REPAIR SYSTEM



Repairs up to 500mm with a single strip
 (*requires 2 strips to repair a one metre patch).



Hellermann Helacon Series

HELACON WIRE CONNECTORS

Hamer Code	Description	Colour	Width	Height	Depth	Pack
HECP2	2 way connector	Yellow	11.75mm	10.45mm	19mm	100
HECP3	3 way connector	Orange	15.90mm	10.45mm	19mm	100
HECP4	4 way connector	Clear	20.05mm	10.45mm	19mm	75
HECP5	5 way connector	Blue	24.20mm	10.45mm	19mm	50
HECP6	6 way connector	Violet	28.35mm	10.45mm	19mm	50
HECP8	8 way connector	Grey	36.65mm	10.45mm	19mm	40
HECPMIX	Jar of mixed sizes containing: 6 x HECP2, 13 x HECP3, 14 x HECP4, 9 x HECP5, 6 x HECP6 3 x HEP8					

The range of push-in wire connectors is used for fast, easy and reliable connection and distribution of cable and conductors in electrical housing applications. They may be used within a typical range of housing voltage up to 450 volts. A huge variety of input poles allows high flexibility in application depending on the number of conductors and available space.

Cross-sections of up to 2.5mm² can conveniently be processed and allow the use of thicker conductors when a voltage drop occurs.

The way of cable distribution and branch connections varies from country to country due to the different types of wires, diameters, colours, junction boxes and mounting systems in use.

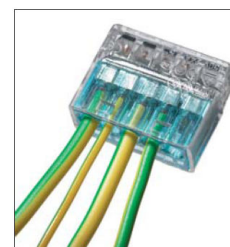
No matter how distinct the individual requirements are - the HelaCon connector series offers the best solution for every task.



Easy push-in, safe fitting and optical check due to newly developed double spring



Material Data	
Material Housing	Polycarbonate (PC)
Material Plated Brass	Brass Tinned
Material Spring Plate	Stainless Steel
Max Current	24 A
Max Voltage	450 V (VDE), 600 V (cULus)
Wire Range (cULus)	AWG 12 to 22 solid/stranded
Wire Range (VDE)	0.5 to 2.5mm ² solid/stranded (max 7 cores)
Stripping Length	11 mm
Flammability	UL94 V0
Operating Temperature	-30°C to +110°C (VDE), -30°C to +105°C (cULus)
Certification	VDE, NEMKO, SEMKO, FIMKO, DEMKO, KEMA-KEUR, cULus



Any cross section between 0.5 and 2.5mm² can be used concurrently.



Cableater Harness Wrap

CABLEATER ROLLS

Hamer Code	Product Code	Description
	SHR-08-PPB	100 metres x 10mm Cableater Polypropylene – Black,
	SHR-16-PPB	50 metres x 16mm Cableater Polypropylene - Black
	SHR-20-PPB	30 metres x 20mm Cableater Polypropylene - Black
	SHR-25-PPB	20 metres x 25mm Cableater Polypropylene - Black
	SHR-32-PPB	15 metres x 32mm Cableater Polypropylene - Black

Purchasing rolls results in an approx 10% saving over the same length purchased at cut price

CABLEATER CUT LENGTHS

Hamer Code	Product Code	Description
RC100	SHR-08-PPB	Cableater 10mm Polypropylene – Black
RC120	SHR-16-PPB	Cableater 16mm Polypropylene – Black
RC140	SHR-20-PPB	Cableater 20mm Polypropylene – Black
RC160	SHR-25-PPB	Cableater 25mm Polypropylene – Black
RC180	SHR-32-PPB	Cableater 32mm Polypropylene – Black

CABLEATER CUT TO ORDER

MINIMUM OF 5 METERS/INCREMENTS OF 5 METERS

CABLEATER TOOLS

Hamer Code	Product Code	Description
RC200	STKP-2-08-ABS	Application Tool 10mm Blue ABS
RC250	CAT-15-PP-BU	App.Tool 16mm ABS (was STKP-2-16-ABS)
RC255	CAT-20-PP-BU	App.Tool 20mm ABS (was STKP-2-20-ABS)
RC260	CAT-25-PP-BU	App.Tool 25mm ABS (was STKP-2-25-ABS)
RC240	CAT-32-PP-BU	App.Tool 32mm ABS (was STKP-2-32-ABS)
RC205	STKP-2-08-AL	Application Tool 10mm Diecast Al.
RC215	STKP-2-16-AL	Application Tool 16mm Diecast Al.
RC225	STKP-2-20-AL	Application Tool 23mm Diecast Al.
RC235	STKP-2-25-AL	Application Tool 25mm Diecast Al.



CONTRACTOR PACKS

Hamer Code	Product Code	Description
RC105	CP-10-6M	Cableater 10mm Contractor Packs - (6 mtr + App. Tool)
RC125	CP-16-6M	Cableater 16mm Contractor Packs - (6 mtr + App. Tool)

CABLEATER RETAILER PACKS

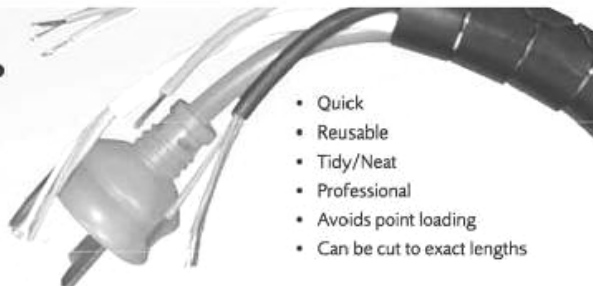
Hamer Code	Product Code	Description
RC300	SHR-08-RP	5 metres x 10mm Cableater + application tool*
RC320	SHR-16-RP	4 metres x 16mm Cableater + application tool*
RC340	SHR-20-RP	3 metres x 20mm Cableater + application tool*
RC360	SHR-25-RP	2 metres x 25mm Cableater + application tool*

* Includes 4 cable ties + 2 mounting bases + 2 H clips
Complete with high impact colour blister for in-store display

Cableater

SLIT HARNESS WRAP

Hamer Limited is proud to introduce **Cableater**, a professional slit harness wrap which tidies cable muddle in seconds.



- Quick
- Reusable
- Tidy/Neat
- Professional
- Avoids point loading
- Can be cut to exact lengths

Turn this

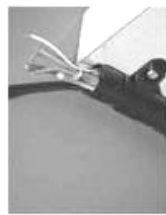


Before

into this



After



Screw Saddle



Adhesive Foot

Offering protection to cable and a professional finish. Including fixing accessories to run cableater under desks or along shelves.



10mm • 16mm • 23mm • 25mm

4 handy sizes available to tidy everything from small stereo cable to large power cables.

**Tidies Cable
in Seconds**



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