



# Contents

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## Welcome,

We are very proud of our companys dynamic development and how we invest in the future, in new technologies and environmentally friendly solutions.

In addition to our world leading range of identification solutions, we also offer an extensive range of cable ties, terminations, tooling and cable management products.

Partex consists of a parent company and several subsidiaries. However we want to be known as one organisation rather than as several separate companies, We want the family culture and atmosphere of the parent company Partex Gullspang in Sweden, to permeate the entire group, creating one big family.

On the following pages we invite you to familiarise yourself with our company and our products.

If you require a copy of our identification products catalogue, please don't hesitate to contact us.



## ABOUT PARTEX



PARTEX MARKING SYSTEMS was founded in 1948 by Tore Lööf in Gullspang Sweden. Since the beginning we have engaged in the production of complete marking systems and cable accessories.

Many of our clients know that Partex is a Swedish company and that we introduced the most popular one-character marker, the PA-Marker. But you should know that our offer is much wider. This catalogue will be a useful guide to the world of cable ties, terminations, tooling and cable management products.

It is worth mentioning that many of our products were established in response to specific requests from our customers. If you have a special requirement, please do not hesitate to contact us.

## PARTEX UK



Starting from a small High Street office in 1965 we have grown continuously. Today, still based in Coleshill near Birmingham, we operate from a state of the art 24,000 sq ft facility. Originally trading as an independent company, we were acquired by the Partex group in 1991 and are their oldest subsidiary.

In the UK we take pride in our record of supplying customers worldwide for over five decades with quality cable accessories.

For more than 50 years we have fuelled our growth by offering our customers a personal service, high quality products and competitive pricing. We look forward to being of service to you.





To ensure that all of our products meet the same consistent high quality standard, we subject them to a series of exacting tests, both in-house and at independent test laboratories. This ensures they meet the requirements of the relevant International Standards, such as BS EN and UL certification.

In our UK test laboratory we have equipment that enables us to perform mechanical force tests up to 30KN which means that we can test to destruction our full range of cable terminations, and cable management products.

We are able to provide test reports and calibration certificates upon request.

We can also perform a moisture content inspection on our range of Nylon products to ensure they are perfectly conditioned, strong, flexible and durable.

In line with our ISO9001 certification we operate a strict stock rotation system to ensure that all products reach you in perfect condition.

To meet the requirements of our ISO14001 environmental standard, we strive to minimise our impact upon the environment at all stages of our business activities.







### HFC - Nylon Standard

Durable halogen free cable ties made from Nylon 6.6

▶ page 10



### HFC - Nylon Coloured

Coloured halogen free cable ties made from Nylon 6.6

▶ page 12



### HFC - UV Resistant

Weatherproof cable ties made from Nylon 6.6

▶ page 13



### TT - Tensioning Tools

Automatic hand tools for Nylon cable ties

▶ page 14



### MDT - Metal Detectable

Suitable for the food industry made from Nylon 6.6

▶ page 15



### HFC - Releasable

Durable halogen free cable ties made from Nylon 6.6

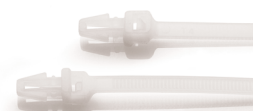
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### MAR - Identification Ties

Cable ties with a write on tab made from Nylon 6.6

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### PM - Push Mount

Halogen free cable ties made from Nylon 6.6

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### CTF - Cable Tray Ties

Heavy duty cable ties made from Nylon 6.6

▶ page 19



### MT - Screw Mountable

Durable halogen free cable ties made from Nylon 6.6

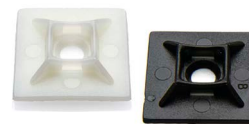
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### MB - Metal Barb

Nylon ties with higher strength made from Nylon 6.6

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### HFC - Tie Bases

Self-adhesive, easy to use made from Nylon 6.6

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### SM - Screw Mount Bases

Robust and easy to use made from Nylon 6.6

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### R - Nylon Cable Clips

Self-adhesive, easy to use made from Nylon 6.6

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### MM - Masonry Mounts

Suitable for outdoor use made from Nylon 6.6

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### SST - Standard Ties

Strong roller ball ties made from 316 Stainless steel

▶ page 26



### SSTC - Coated Ties

Coated roller ball ties made from 316 Stainless steel

▶ page 27



### SSTZ - Spring Ties

Strong roller ball ties made from 316 Stainless steel

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### SSTCZ - Coated Spring Ties

Coated roller ball ties made from 316 Stainless steel

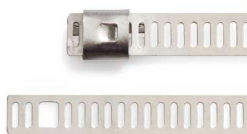
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### SS - Tensioning Tools

Suitable for use with our range of stainless steel roller ball ties

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### SSLT - Ladder Ties

Strong ladder ties made from 316 Stainless steel

▶ page 32



### SSLTC - Coated Ladder Ties

Coated ladder ties made from 316 Stainless steel

▶ page 33



### RRST - Releasable Ties

Strong releasable coated ties made from 316 Stainless steel

▶ page 34



### SSTM - Cable Tie Mount

Durable and easy to use, made from 316 Stainless steel

▶ page 35

## FLAMEPROOF RANGE OVERVIEW

A brief summary of our flameproof range

▶ page 36



### SSTM - Cable Tie Mount

Durable and easy to use, made from 316 Stainless steel.

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### SBSW - Conduit Saddle

Epoxy coated steel saddle for fixing round conduit

▶ page 38



### MTCC - Mini Trunking Clip

Cable retention clip for Mini-Trunking

▶ page 39

## CUTTING TOOLS OVERVIEW

A brief summary of our range of cutting tools

▶ page 40



### Wire Cutters

Manual wire and cable cutting tools

▶ page 41-42



### Ratchet Cutters

Ratchet operated wire and cable cutters

▶ page 43-44



### Armoured Cable Cutters

Suitable for cutting armoured cables and metal bars

▶ page 45



### Cable Strippers

Our range of hand operated wire and cable stripping tools

▶ page 46-47

## CRIMPING TOOLS OVERVIEW

A brief summary of our range of crimping tools

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### CT - Terminal crimpers

For use with our pre-insulated and un-insulated terminals

▶ page 49-50



### HSB - Crimper

For use with heat-shrink butt connectors

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### CT - Solar crimper

For use with MC3 and MC4 solar connectors

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### CT - Hand crimpers

For use with our Copper Tube Connectors

▶ page 52-54



### Hydraulic Crimpers

For use with our Copper Tube Connectors

▶ page 55-56



### CEF - Crimpers

For use with our range of Bootlace / Cord end ferrules

▶ page 57-59



### HG - Hot air gun

For use with our Heatshrink and HSB/SHSB connectors

▶ page 60



### Tool Calibration / Repair

Details of this in-house service offered by Partex

▶ page 61



### Crimp Terminals

Extensive range of pre-insulated crimp terminals

▶ page 62-68



### Angled Crimp Terminals

Pre-insulated crimp terminals bent at right angles or 45 degrees

▶ page 69



### Crimp Tool Kits

Kits comprising crimp terminals and a ratchet hand tool

▶ page 70-71



### HSB - Connectors

Heat-shrink butt connectors

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### SHSB - Connectors

Solder heat-shrink butt connectors

▶ page 73



### Flag Terminals

Pre-insulated flag terminals

▶ page 74



### QS - Quick Splice

Insulated quick splice automotive connectors

▶ page 75



### Un-insulated

Our range of un-insulated crimp terminals

▶ page 76-78



### COL - Range

Copper tube crimp terminals

▶ page 79-81



### COL-Butts

Copper tube butt/splice crimp connectors

▶ page 82



### COL-Angled

Copper tube crimp terminals formed at 90 or 45 degrees

▶ page 83



### Copper Tube Tool Kits

Kits comprising copper tube terminals and a ratchet crimper

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### PXL - Range

Copper tube crimp terminals

▶ page 84-87



### CEF - Standard

Our most popular cord-end/bootlace ferrules

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### CEF - Long Barrel

Longer barrelled cord-end/bootlace ferrules

▶ page 90



### CEF - Twin

Cord-end/bootlace ferrules to accept two cables

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### CEF - Un-insulated

Cord-end/bootlace ferrules without insulation

▶ page 92



### CEF - Tool Kits

Kits comprising cord-end/bootlace ferrules and a ratchet crimper

▶ page 93-94





**HS - Heat-shrink**  
2:1 ratio single wall tubing  
in a range of sizes and colours

▶ page 96-97



**HS - Heat-shrink Kits**  
Useful packs of assorted  
heat-shrink tubing

▶ page 98-99



**HSDW - Heat-shrink**  
3:1 ratio double wall, adhesive  
lined tubing

▶ page 100



**SUP - Supaflex**  
Braided sleeving in a range  
of sizes and colours

▶ page 102



**SW - Spiral wrap**  
Flexible polyethylene spiral  
wrap in a range of sizes

▶ page 103



**SP - Spiral Tubing**  
Robust plastic tubing in a range  
of sizes and colours

▶ page 104



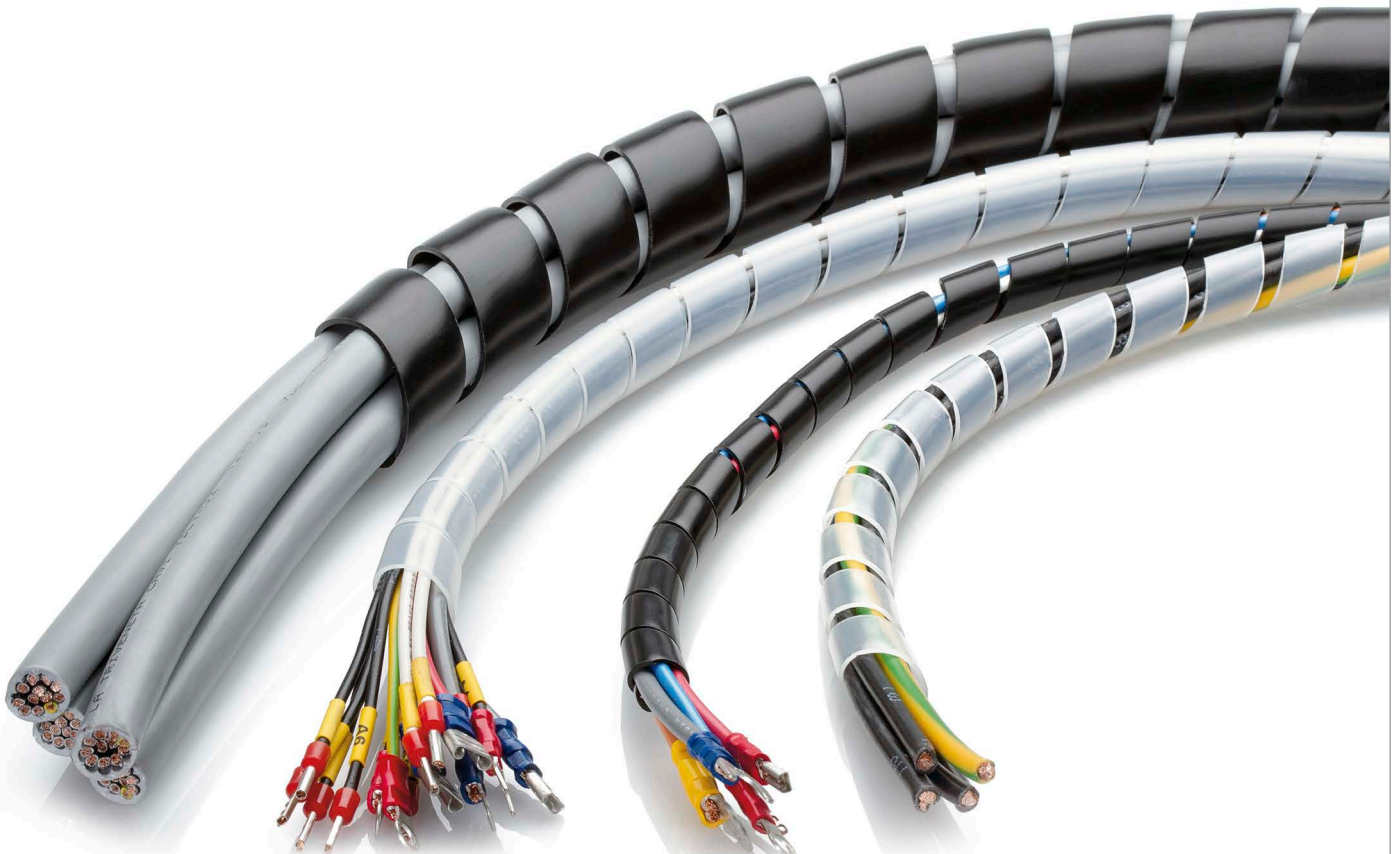
**IT - Insulation Tape**  
PVC tape in a range of colours

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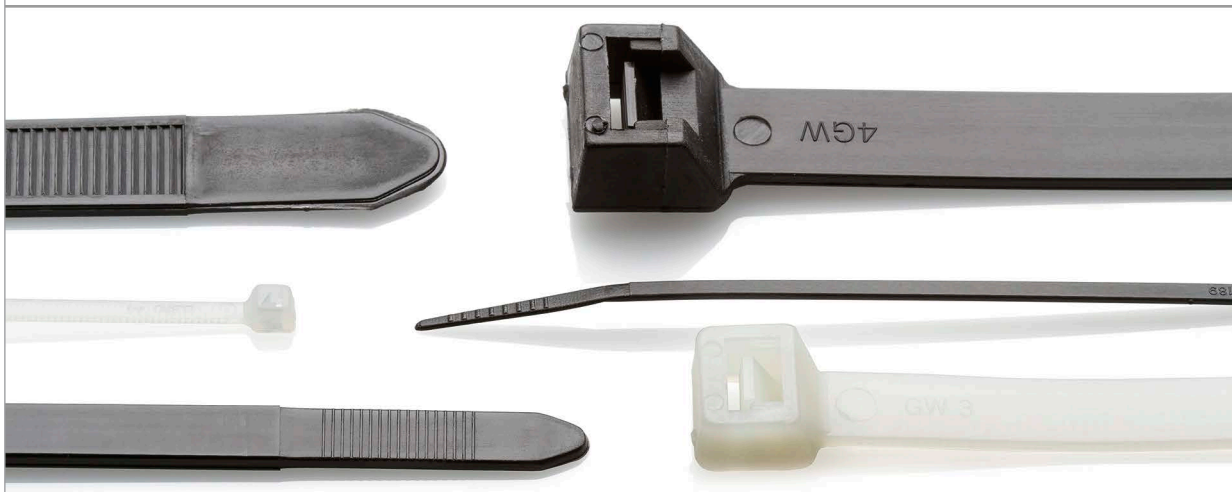


**TB - Terminal blocks**  
A range of insulated strip  
connectors

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## NYLON CABLE TIES



### INFORMATION

- + Self-locking with high fixing strength.
- + Available for indoor and outdoor installation.
- + Manufactured in accordance with MIL standard M20693B and in conformity with UL94V-2.
- + An extensive range of products to suit many applications.



### PROPERTIES

#### Temperature range

-40°C to +85°C

#### Material

Nylon 6.6, in accordance with UL94-V2  
UV resistant ties are also available.

#### Standard colour

Black and Natural.

#### Chemical resistance

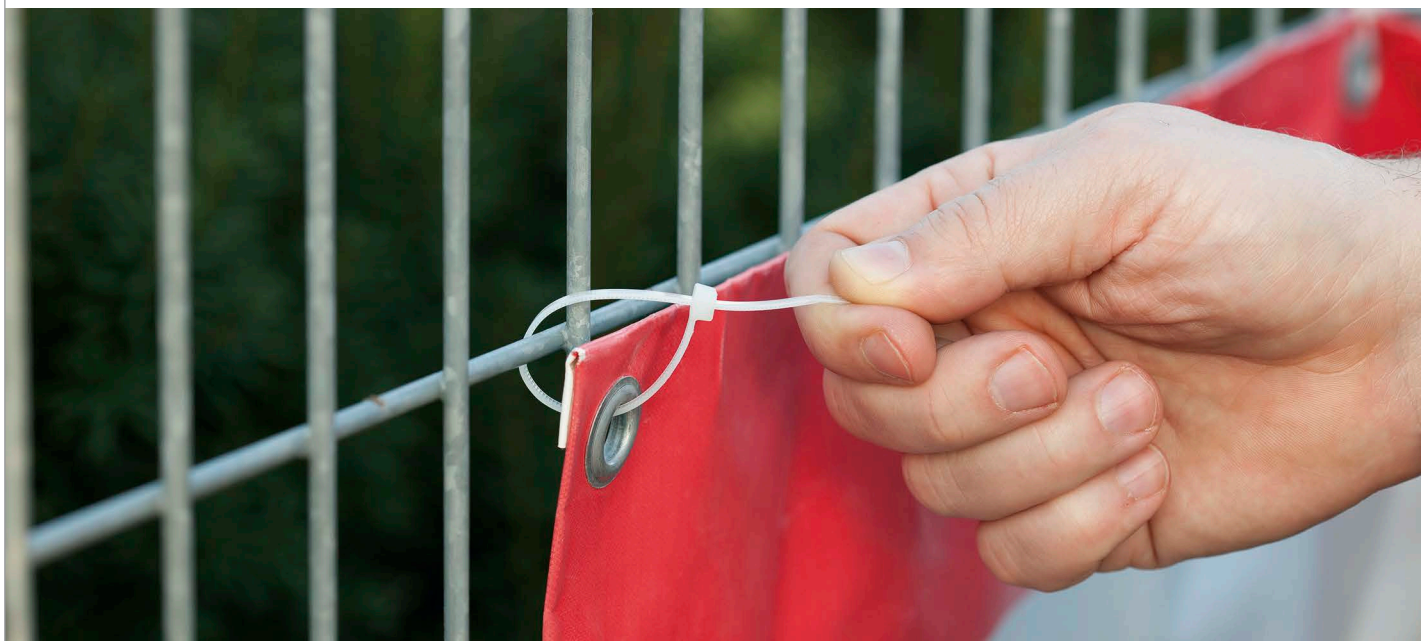
high resistance to brake fluids, lubricants, power steering fluids, oil, grease, paints, lacquers, detergents, animal and vegetable fats, gasoline and alkalis up to 40%.



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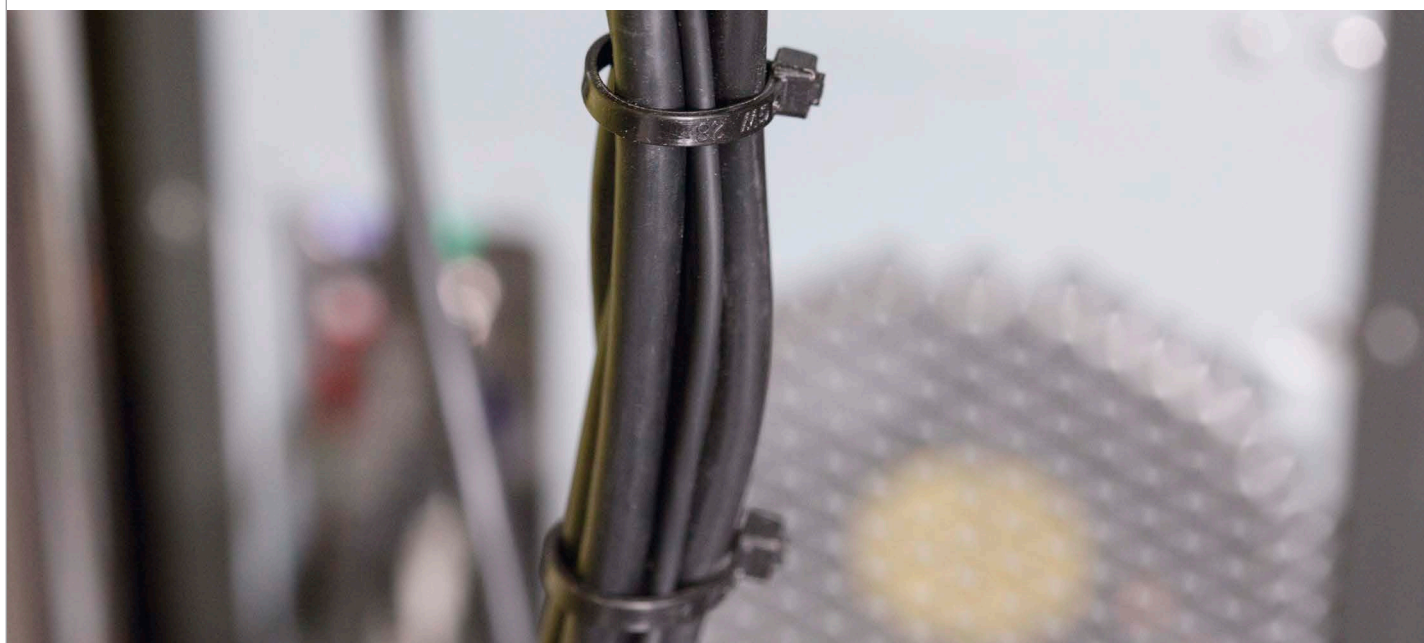
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## Non-Releasable Nylon 6.6 Cable Ties

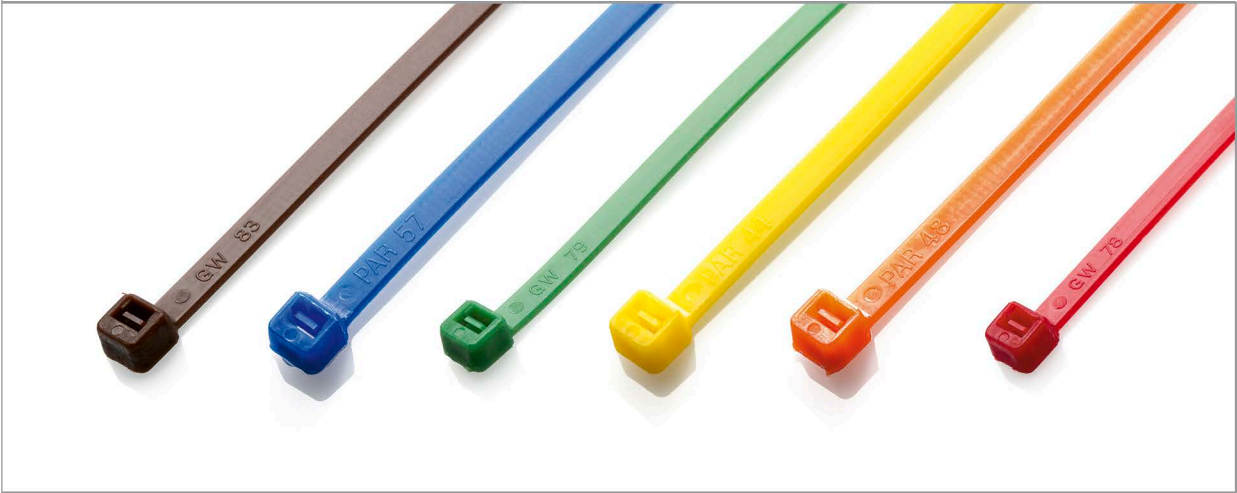
TYPE	LENGTH (mm)	WIDTH (mm)	MAX BUNDLE DIAMETER (mm)	MIN. TENSILE STRENGTH (kg)	PACKAGING
HFC 80	80	2.5	15	8	100 or 1000
HFC 100	100	2.5	18	8	100 or 1000
HFC 120	120	4.8	24	22	100 or 1000
HFC 140	140	3.6	33	18	100 or 1000
HFC 160	160	4.8	38	22	100 or 1000
HFC 200	200	4.8	50	22	100 or 1000
HFC 250	250	4.8	63	22	100
HFC 300	300	4.8	76	22	100
HFC 365	365	4.8	102	22	100
HFC 430	430	4.8	110	22	100
HFC 530	530	4.8	140	22	100
HFC 160L	160	2.5	40	8	100 or 1000
HFC 200L	200	2.5	50	8	100 or 1000
HFC 200I	200	3.6	50	18	100 or 1000
HFC 300L	300	3.6	76	18	100
HFC 150H	150	7.6	36	55	100
HFC 200H	200	7.6	50	55	100
HFC 240H #	240	7.6	66	55	100
HFC 300H	300	7.6	76	55	100
HFC 370H	370	7.6	100	55	100
HFC 430H	430	9.0	110	75	100
HFC 530H	530	9.0	140	75	100
HFC 710H	710	9.0	190	75	100
HFC 940H	940	9.0	280	75	100
HFC 1220H #	1220	9.0	365	75	100
HFC 580EH	580	12.7	152	113	100

Available in both black and natural, please specify required colour when ordering.





COLOURED NYLON CABLE TIES



+ INFORMATION

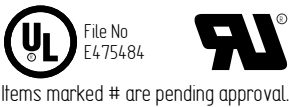
- + Self locking with high fixing strength.
- + An extensive range of colours to suit many applications.
- + Silver and grey ties are ideal for securing wheel trims.

+ PROPERTIES

**Temperature range**  
-40°C to +85°C

**Material**  
Nylon 6.6, in accordance with UL94-V2

**Standard colour**  
As detailed below



+ DIMENSIONS AND PACKAGING

TYPE	LENGTH (mm)	WIDTH (mm)	MAX BUNDLE DIAMETER (mm)	MIN. TENSILE STRENGTH (kg)	AVAILABLE COLOURS
HFC 100*	100	2.5	18	8	RED, BLU, GRN, BRN, YEL.
HFC 200L*	200	2.5	50	8	RED, BLU, GRN, BRN, YEL.
HFC 140*	140	3.6	33	18	RED, BLU, GRN, BRN, YEL.
HFC 200I*	200	3.6	50	18	BLU.
HFC 200*	200	4.8	50	22	RED, BLU, GRN, BRN, YEL, GRY.
HFC 300*	300	4.8	76	22	RED, BLU, GRN, BRN, YEL, ORG, SLV.
HFC 365*	370	4.8	102	22	RED, BLU, YEL, GRY, SLV.

\*Specify colour when ordering. Packaging quantity 100.

+ STANDARD COLOUR



RED



GRN (green)



YEL (yellow)



GRY (grey)



BLU (blue)



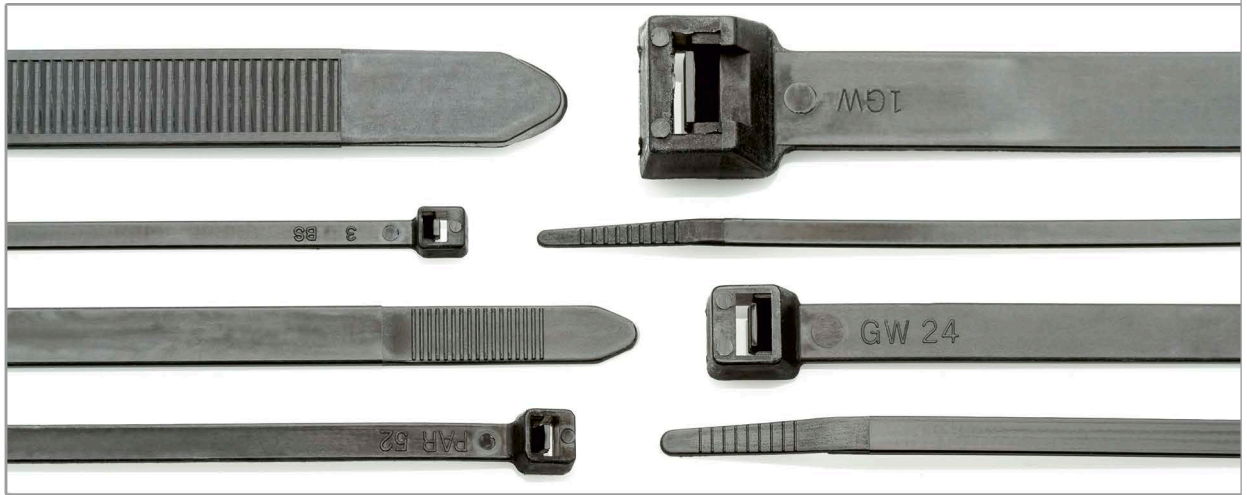
BRN (brown)



ORG (orange)



SLV (silver)



## + INFORMATION

- + Self Locking with high fixing strength.
- + UV and weather resistant ties, suitable for use outdoors.
- + Manufactured in accordance with MIL standard M20693B and in conformity with UL94V-2.
- + Only available in black.

## + PROPERTIES

**Temperature range**

-40°C to +85°C

**Material**

Nylon 6.6, in accordance with UL94-V2

**Standard colour**

Black only

**Chemical resistance**

high resistance to brake fluids, lubricants, power steering fluids, oil, grease, paints, lacquers, detergents, animal and vegetable fats, gasoline and alkalis up to 40%.


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## + DIMENSIONS AND PACKAGING

## Ultra-violet Resistant Black Nylon 6.6 Cable Ties

TYPE	LENGTH (mm)	WIDTH (mm)	MAX BUNDLE DIAMETER (mm)	MIN. TENSILE STRENGTH (kg)	PACKAGING
HFC 100 UVB	100	2.5	18	8	100
HFC 140 UVB	140	3.6	33	18	100
HFC 200 UVB	200	4.8	50	22	100
HFC 300 UVB	300	4.8	76	22	100
HFC 365 UVB	365	4.8	102	22	100
HFC 530 UVB #	530	4.8	140	22	100
HFC 160L UVB	160	2.5	40	8	100
HFC 200L UVB	200	2.5	50	8	100
HFC 200I UVB	200	3.6	50	18	100
HFC 300L UVB #	300	3.6	76	18	100
HFC 300H UVB #	300	7.6	76	55	100
HFC 370H UVB	370	7.6	100	55	100
HFC 530H UVB	530	9.0	140	75	100
HFC 710H UVB	710	9.0	190	75	100
HFC 1030EH UVB #	1030	12.7	302	113	50

Only available in black.

## TENSIONING TOOLS FOR NYLON CABLE TIES



### INFORMATION

- + Designed to complement our range of Nylon cable ties
- + Easy to use, one hand operation
- + Tensions the cable tie, and then trims off the end leaving no sharp edges



### PRODUCT RANGE



#### TT1

Hand held cable tie tensioning tool with auto cut mechanism for use with standard Nylon cable ties from 2.5mm up to 4.8mm wide, with adjustable tensioning setting

**Specification:**

**Frame:** Diecast steel

**Length:** 155mm.

**Weight:** 0.3kgs.



#### TT3

Hand held manual operated cable tie tensioning tool with auto cut mechanism for use with standard Nylon cable ties from 3.6mm up to 9mm wide.

**Specification:**

**Frame:** Steel SPCC

**Length:** 195mm.

**Weight:** 0.3kgs.



#### TT4

Hand held manual operated cable tie tensioning tool with auto cut mechanism for use with standard Nylon cable ties from 4.8mm up to 13mm wide.

**Specification:**

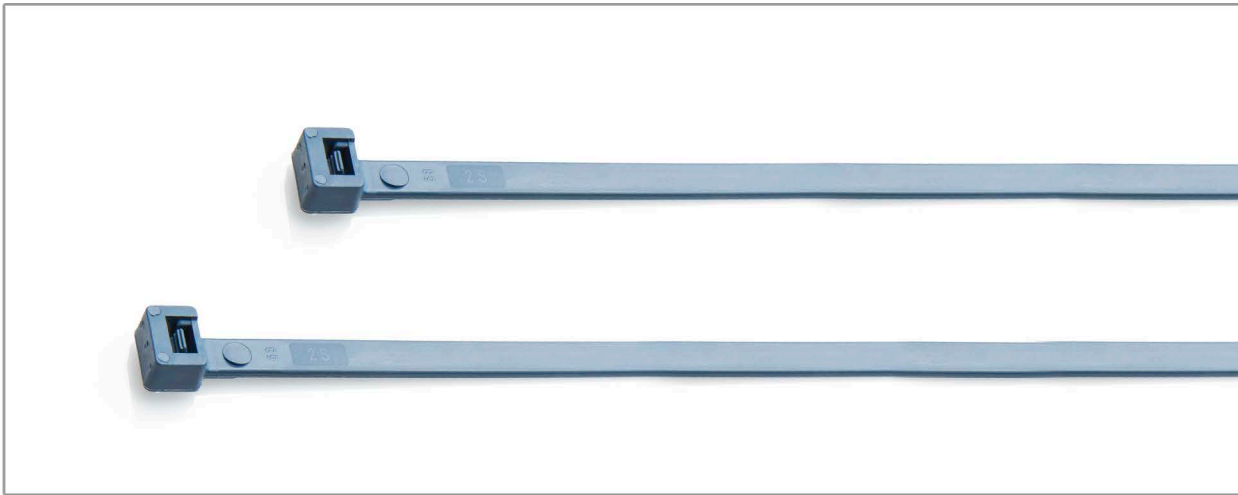
**Frame:** Steel SPCC

**Length:** 200mm.

**Weight:** 0.32kgs.







+ INFORMATION

- + Recommended for use in food, pharmaceutical and chemical industry.
- + Self Locking with high fixing strength.
- + Metal content spread throughout the tie enabling them to be located by standard metal detectors.
- + The blue colour assists in visual detection and reduces the risk of contamination.

+ PROPERTIES

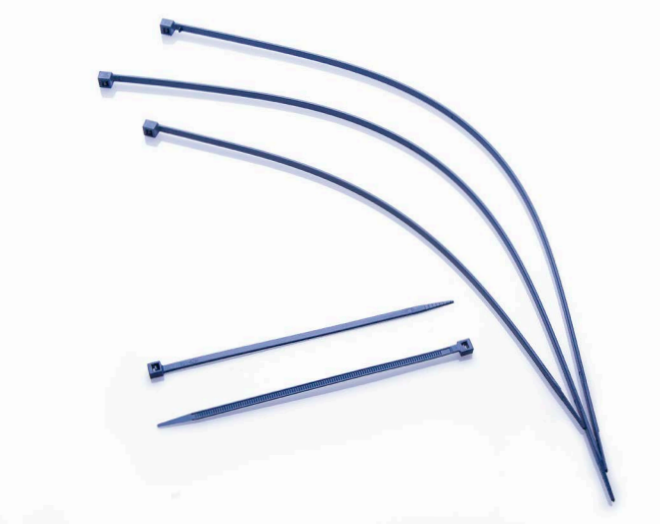
**Temperature range**  
-25°C to +100°C

**Standard colour**  
Blue (RAL 5002)

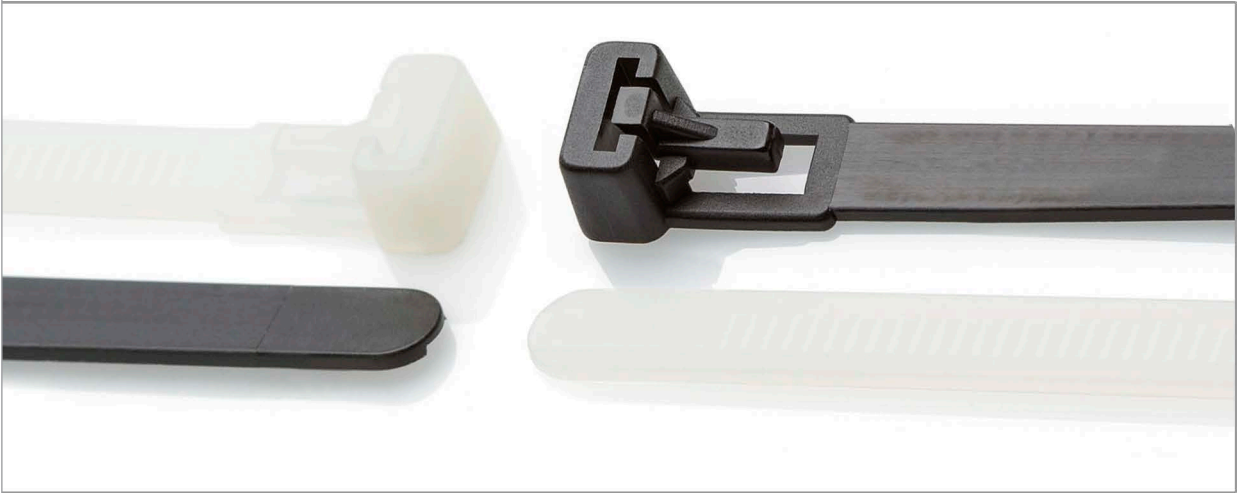
**Material**  
Nylon self extinguishing UL94 HB  
Non toxic, recyclable. Halogen free.

+ DIMENSIONS AND PACKAGING

TYPE	LENGTH (mm)	WIDTH (mm)	MAX BUNDLE DIAMETER (mm)	MIN. TENSILE STRENGTH (kg)	PACKAGING
MDT 100	100	2.5	24	10	100
MDT 140I	140	3.5	36	20	100
MDT 200	200	4.5	51	28	100
MDT 280	280	4.5	76	28	100
MDT 380	380	4.5	110	28	100
MDT 360H	360	7.5	100	55	100



RELEASABLE NYLON CABLE TIES



+ INFORMATION

- + Can be released and reused many times.
- + Sturdy and secure locking mechanism.
- + Suitable for temporary or permanent use.
- + Good chemical resistance.

+ PROPERTIES

**Temperature range**  
-40°C to +85°C

**Material**  
Nylon 66, self extinguishing UL94 V2  
Non toxic, recyclable. Halogen free.

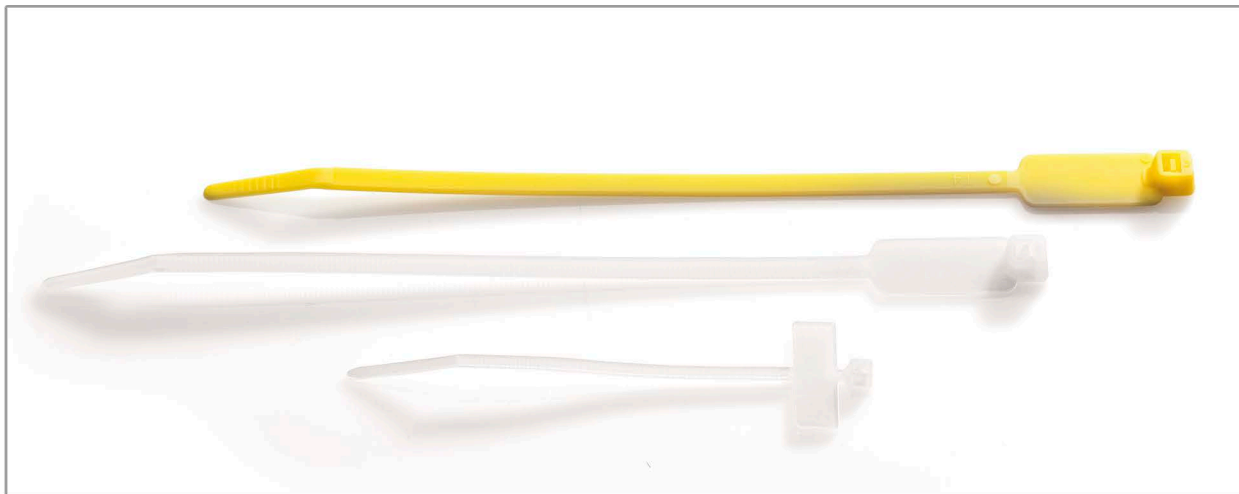
**Standard colour**  
Black and Natural

**Chemical resistance**  
high resistance to brake fluids, lubricants, power steering fluids, oil, grease, paints, lacquers, detergents, animal and vegetable fats, gasoline and alkalis up to 40%.

+ DIMENSIONS AND PACKAGING

TYPE	LENGTH (mm)	WIDTH (mm)	MAX BUNDLE DIAMETER (mm)	MIN. TENSILE STRENGTH (kg)	PACKAGING
HFCR 200H	200	7.6	50	22	100
HFCR 300H	300	7.6	80	22	100
HFCR 370H	370	7.6	102	22	100

Available in both black and natural, please specify required colour when ordering.



+ INFORMATION

- + Self locking with high fixing strength.
- + Ideal for securing and identifying bundles of cables.
- + Good chemical resistance.
- + Can be marked using an indelible pen, or by attaching a self-adhesive label.

+ PROPERTIES

**Temperature range**  
-40°C to +85°C

**Material**  
DuPont Zytel 101F Nylon 6.6 Polyamide  
Self-extinguishing to UL 94-V2

**Standard colour**  
As detailed below

**Chemical resistance**  
high resistance to brake fluids, lubricants, power steering fluids, oil, grease, paints, lacquers, detergents, animal and vegetable fats, gasoline and alkalis up to 40%.



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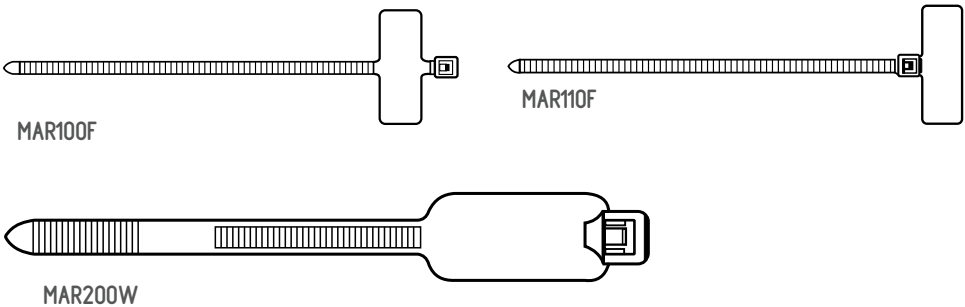
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+ DIMENSIONS AND PACKAGING

TYPE	LENGTH (mm)	WIDTH (mm)	MAX BUNDLE DIAMETER (mm)	MIN. TENSILE STRENGTH (kg)	AVAILABLE COLOURS
MAR 100F	98	2.5	20	8	NATURAL
MAR 110F	110	2.5	20	8	NATURAL
MAR 200W #	194	2.5	45	22	NAT/YELLOW

Available in packs of 100.

+ DRAWING



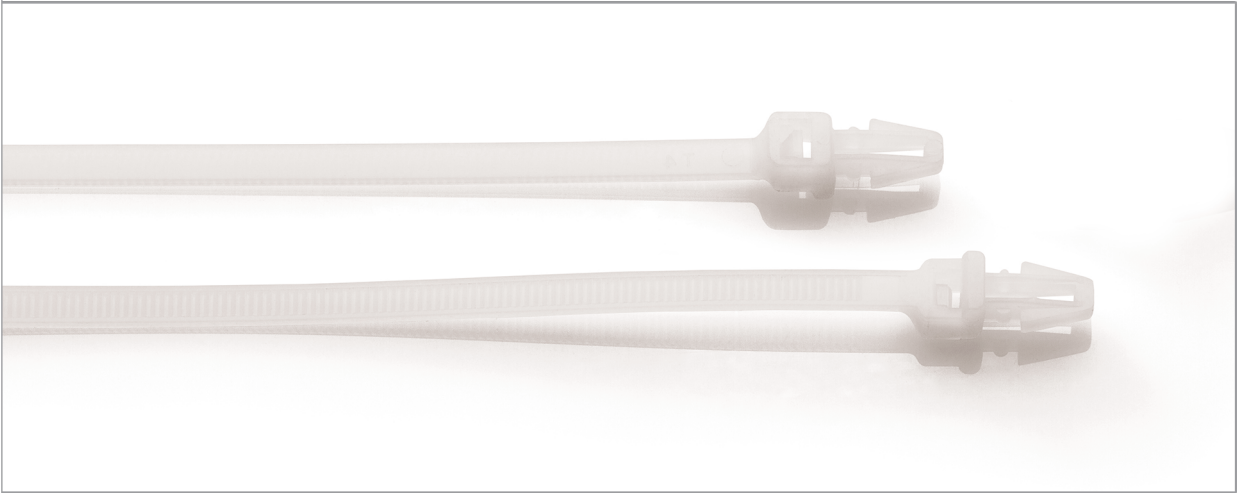
+ RELATED PRODUCTS



TIE PEN



PUSH MOUNT NYLON CABLE TIES



+ INFORMATION

- + Provides a simple and secure method for securing bundles of cables into a fixing hole.
- + Sturdy and secure locking mechanism
- + No additional fixings required.
- + Good chemical resistance.

+ PROPERTIES

**Temperature range**  
-40°C to +85°C

**Material**  
Nylon 66, self extinguishing UL94 V2  
Non toxic, recyclable. Halogen free.

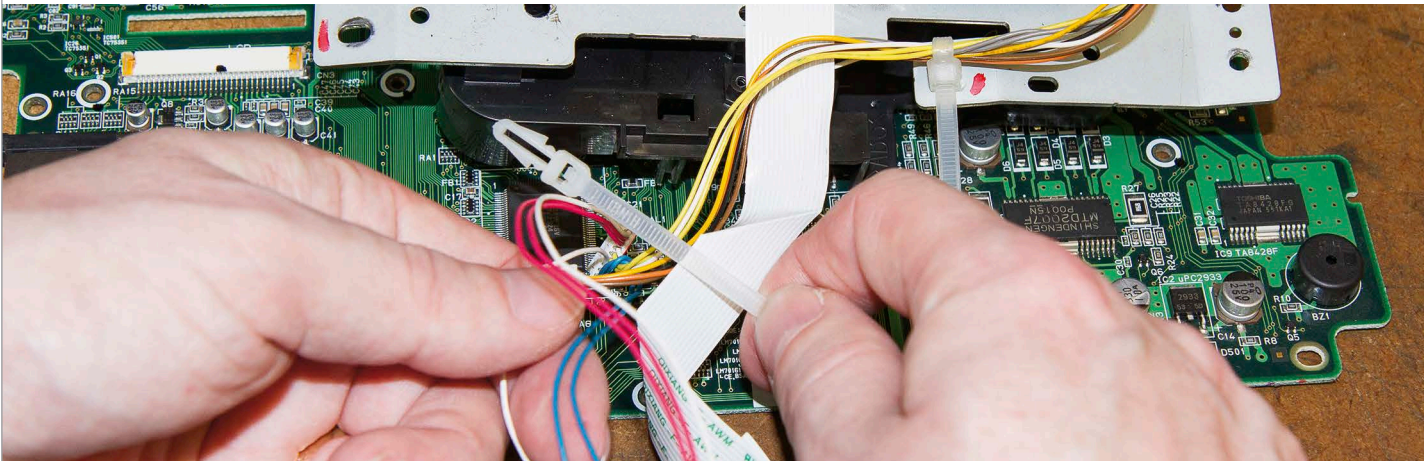
**Standard colour**  
Natural only

**Chemical resistance**  
high resistance to brake fluids, lubricants, power steering fluids, oil, grease, paints, lacquers, detergents, animal and vegetable fats, gasoline and alkalis up to 40%.

+ DIMENSIONS AND PACKAGING

TYPE	LENGTH (mm)	WIDTH (mm)	MAX BUNDLE DIAMETER (mm)	MIN. TENSILE STRENGTH (kg)	MAXIMUM PANEL THICKNESS (mm)	NOMINAL HOLE DIAMETER (mm)
PM 150	150	3.6	32	18	2.4	4.8
PM 200	200	4.8	50	22	3.2	6.5

Available in packs of 100





## INFORMATION

- + Self locking with high fixing strength.
- + Ideal for securing bundles of cables directly onto cable tray.
- + Perfect for when access is limited.
- + Two part construction makes mounting very easy.



## PROPERTIES

**Temperature range**

-40°C to +85°C

**Material**

DuPont Zytel 101F Nylon 6.6 Polyamide  
Self-extinguishing to UL 94-V2

**Standard colour**

As detailed below

**Chemical resistance**

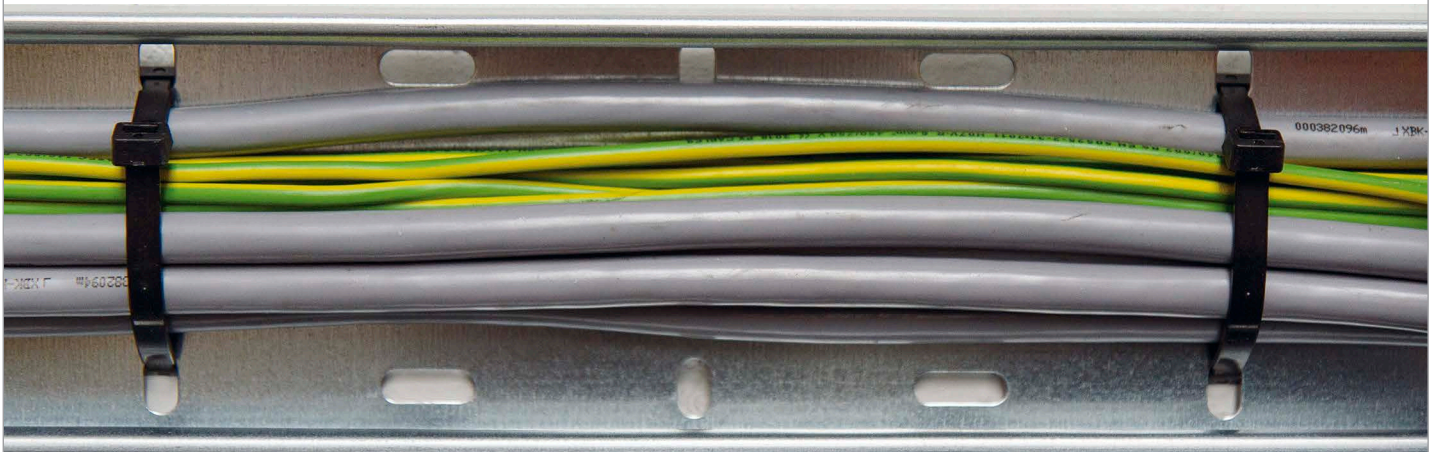
high resistance to brake fluids, lubricants, power steering fluids, oil, grease, paints, lacquers, detergents, animal and vegetable fats, gasoline and alkalis up to 40%.



## DIMENSIONS AND PACKAGING

TYPE	LENGTH (mm)	WIDTH (mm)	MIN. TENSILE STRENGTH (kg)	STRAP LENGTH (mm)	BUCKLE LENGTH (mm)
CTF320 Black	320	7.6	55	270	24
CTF320 Natural	320	7.6	55	270	24

Available in packs of 100



SCREW MOUNTABLE NYLON CABLE TIES



+ INFORMATION

- + Provides a simple and secure method for securing bundles of cables into a fixing hole.
- + Sturdy and secure locking mechanism
- + Good chemical resistance.

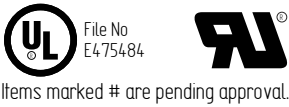
+ PROPERTIES

**Temperature range**  
-40°C to +85°C

**Material**  
Nylon 66, self extinguishing UL94 V2  
Non toxic, recyclable. Halogen free.

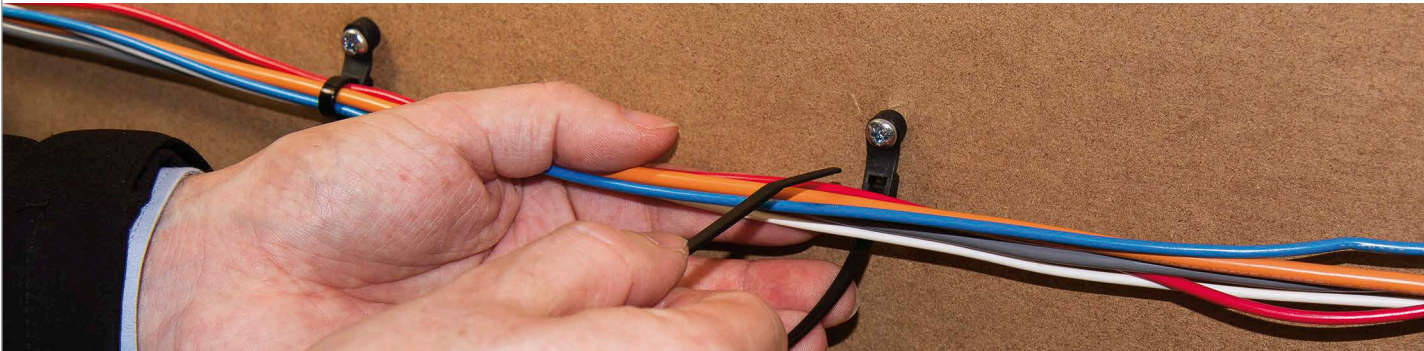
**Standard colour**  
Natural and black

**Chemical resistance**  
high resistance to brake fluids, lubricants, power steering fluids, oil, grease, paints, lacquers, detergents, animal and vegetable fats, gasoline and alkalis up to 40%.



+ DIMENSIONS AND PACKAGING

TYPE	LENGTH (mm)	WIDTH (mm)	MAX BUNDLE DIAMETER (mm)	MIN. TENSILE STRENGTH (kg)	FIXING HOLE DIAMETER (mm)	PACKAGING
MT 110 Natural #	100	2.5	18	8	3.2	100
MT 150 Natural	150	3.6	32	18	4.2	100
MT 200 Natural	200	4.8	50	22	5.2	100
MT 200 Black	200	4.8	50	22	5.2	100
MT 300 Natural #	305	7.6	76	55	6.2	100
MT 300 Black #	305	7.6	76	55	6.2	100







## INFORMATION

- + Steel tooth for additional tensile strength.
- + Ideal for securing bundles of cables.
- + Good chemical resistance.
- + Smooth Nylon band to reduce abrasion.



## PROPERTIES

**Temperature range**

-40°C to +85°C

**Material**

Nylon 6.6 Polyamide

Self-extinguishing to UL 94-V2

**Standard colour**

Natural and black

**Chemical resistance**

high resistance to brake fluids, lubricants, power steering fluids, oil, grease, paints, lacquers, detergents, animal and vegetable fats, gasoline and alkalis up to 40%. Black ties are UV resistant.



## DIMENSIONS AND PACKAGING

TYPE	LENGTH (mm)	WIDTH (mm)	MAX BUNDLE DIAMETER (mm)	MIN. TENSILE STRENGTH (kg)	PACKAGING
MB100	100	2.5	24	18	100/1000
MB200L	200	2.5	55	18	100/1000
MB140	140	3.5	36	28	100/1000
MB200I	200	3.5	55	28	100/1000
MB280I	280	3.5	80	28	100
MB360I	360	3.5	101	28	100
MB200	186	4.5	51	40	100
MB300	290	4.5	80	40	100
MB360	360	4.5	103	40	100
MB340H	340	7.0	90	70	50
MB220H	220	7.5	56	80	50
MB360H	360	7.5	101	80	50

Available in both black and natural, please specify required colour when ordering.



**+** INFORMATION

- + Designed to compliment our range of Nylon cable ties.
- + Four entry design, for ease of use
- + High tack self-adhesive backing
- + Black bases are UV stable and suitable for external use

**+** PROPERTIES

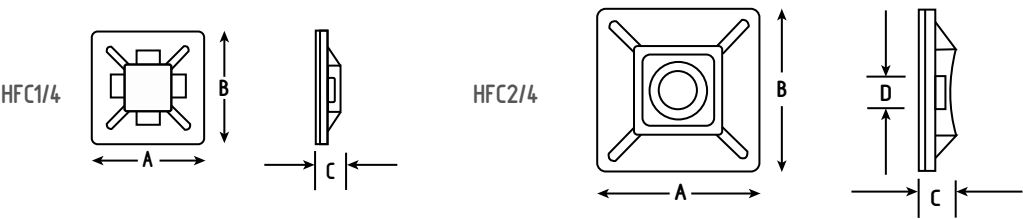
**Temperature range**  
-20°C to +60°C

**Material**  
Base: Nylon 6.6 (Polyamide)  
Backing: White polythene foam  
Adhesive: Synthetic rubber

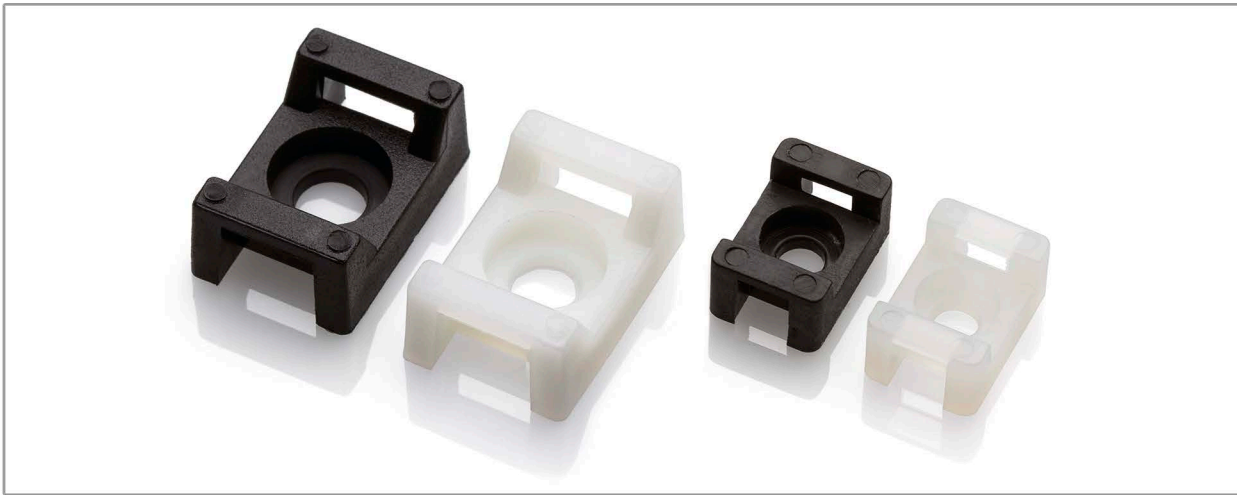
**Standard colour**  
Black and Natural

**Packaging**  
Bags of 100

**+** DIMENSIONS



PART NUMBER	DIMENSIONS A x B (mm)	HEIGHT [ C ] (mm)	FIXING HOLE [ D ] (mm)	MAXIMUM TIE WIDTH (mm)
HFC1/ 4 BLK	20x20	5.0	n/a	4.5
HFC1/ 4 NAT	20x20	5.0	n/a	4.5
HFC2/4 BLK	28x28	7.1	(M 6)	5.5
HFC2/4 NAT	28x28	7.1	(M 6)	5.5



+ INFORMATION

- + Designed to compliment our range of nylon cable ties
- + Single fixing hole, for ease of use
- + Robust and secure design
- + A cost effective solution for mounting cable ties

+ PROPERTIES

**Working Temperature range**

-40°C to +85°C

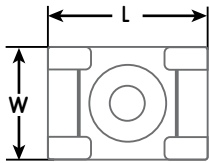
**Packaging**

Bags of 100

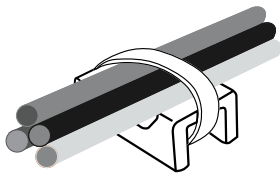
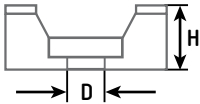
**Material**

Nylon 6.6 (Polyamide)

+ DIMENSIONS



SM2/3



PART NUMBER	DIMENSIONS (mm)			HOLE	MAXIMUM TIE WIDTH
	LENGTH [ L ]	WIDTH [ W ]	HEIGHT [ H ]		
SM2 *	15.8	10.3	7.0	M4	4.8
SM3 *	23.4	15.7	9.5	M6	9.0

Available in both black and natural, please specify required colour when ordering.



# SELF-ADHESIVE CABLE CLIPS



## + INFORMATION

- + A simple and cost effective method for securing cables.
- + Manufactured from durable Nylon.
- + High tack self-adhesive backing.
- + Available in a range of sizes.

## + PROPERTIES

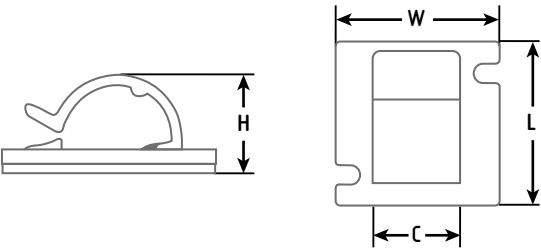
**Temperature range**  
-20°C to +60°C

**Material**  
Base: Nylon 6.6 (Polyamide)  
Backing: White polythene foam  
Adhesive: Synthetic rubber

**Standard colour**  
Black and Natural

**Packaging**  
Bags of 100

## + DIMENSIONS



PART NUMBER	COLOUR	DIMENSIONS (mm)				MINIMUM BUNDLE DIA (mm)	MAXIMUM BUNDLE DIA (mm)	SCREW FIXING (optional)
		LENGTH [ L ]	WIDTH [ W ]	HEIGHT [ H ]	CLIP WIDTH [ C ]			
R161N/1	Natural	16	16	7.0	10.7	4.0	5.0	n/a
R161B/1	Black	16	16	7.0	10.7	4.0	5.0	n/a
R251N/1	Natural	25	25	10.9	12.7	8.0	13.0	2 x M3
R251B/1	Black	25	25	10.9	12.7	8.0	13.0	2 x M3
R281N/1	Natural	28	28	16	14	12.0	18.0	2 x M3
R281B/1	Black	28	28	16	14	12.0	18.0	2 x M3



## INFORMATION

- + Designed to compliment our range of Nylon cable ties
- + A quick and efficient method for securing cables or pipework
- + Quick and easy to install, simply push into a pre-drilled hole, and secure your cables with a nylon tie.
- + Fully weather and UV resistant, suitable for external use



## PROPERTIES

**Working Temperature range**

-40°C to +85°C

**Standard colour**

Black

**Material**

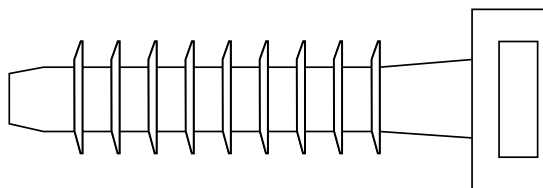
Black Nylon 6.6 (Polyamide)

**Packaging**

Bags of 100



## DIMENSIONS



PART NUMBER	LENGTH (mm)	FIXING HOLE DEPTH (mm)	FIXING HOLE DIAMETER (mm)	MAXIMUM TIE WIDTH (mm)
MM6	44	38.0	6.0	9.0
MM7	44	38.0	7.0	9.0

## STAINLESS STEEL CABLE TIES



### INFORMATION

- Cable ties made from stainless steel AISI 316
- Great for restraining harnesses and cables. Quick and safe installation in a variety of applications.
- Easy to clamp with Partex's tools: SSTG or SSAT
- Excellent resistance to acids, salt, chemicals, and high temperatures



### PROPERTIES

**Temperature range**  
-80°C to +500°C

**Material**  
316 Stainless steel, Non toxic, recyclable.  
Halogen free, flameproof, UV resistant.



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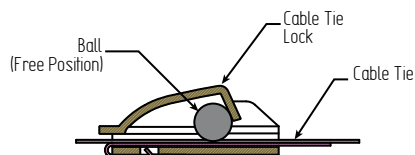


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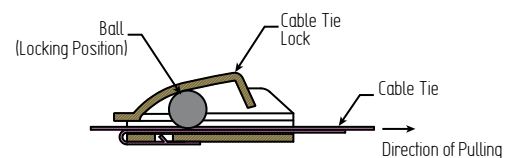


### DIMENSIONS AND PACKAGING

1) Free Position

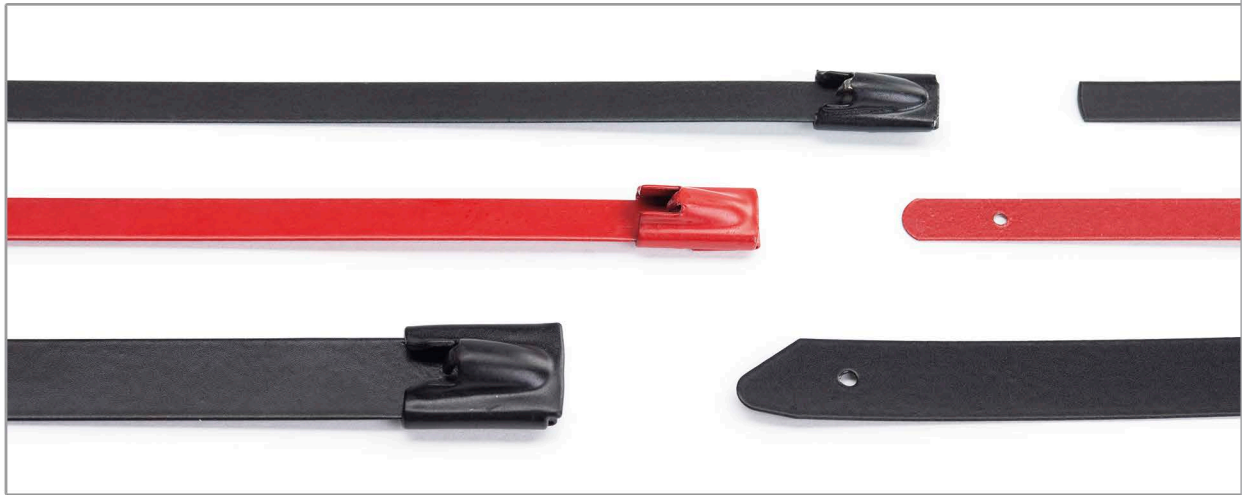


2) Locking Position



TYPE	LENGTH (mm)	WIDTH (mm)	MAX BUNDLE DIAMETER (mm)	MIN. TENSILE STRENGTH (N)	PACKAGING
SST 1316	150	4.6	37	667	100
SST 2316	200	4.6	50	667	100
SST 3316 #	260	4.6	69	667	100
SST 3816 #	300	4.6	85	667	100
SST 4316	360	4.6	100	667	100
SST 5316	520	4.6	150	667	100
SST 6316 #	680	4.6	200	667	100
SST 2316H	200	7.9	50	1335	100
SST 3316H #	260	7.9	69	1335	100
SST 3816H #	300	7.9	85	1335	100
SST 4316H	360	7.9	100	1335	100
SST 5316H	520	7.9	150	1335	100
SST 6316H #	680	7.9	200	1335	100
SST 8316H	840	7.9	250	1335	100
SST 10316H	1000	7.9	300	1335	100





## INFORMATION

- + Cable ties made from stainless steel AISI 316, coated with black or red polyester.
- + A very strong ball lock.
- + Quick and safe installation in a variety of applications.
- + The outer layer of polyester and gently rounded edges protect the cable from damage.
- + Excellent resistance to acids, salt, chemicals, and high temperatures.



## PROPERTIES

**Temperature range**  
-80°C to +150°C

**Material**  
316 Stainless steel, with pure polyester coating  
Non toxic, recyclable. Halogen free.



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## DIMENSIONS AND PACKAGING

TYPE	LENGTH (mm)	WIDTH (mm)	MAX BUNDLE DIAMETER (mm)	MIN. TENSILE STRENGTH (N)	COLOUR	PACKAGING
SSTC 0316	100	4.6	18	667	BLACK COATED	100
SSTC 1316	150	4.6	37	667		100
SSTC 2316	200	4.6	50	667		100
SSTC 3316 #	260	4.6	69	667		100
SSTC 3816 #	300	4.6	85	667		100
SSTC 4316	360	4.6	100	667		100
SSTC 4816 #	450	4.6	125	667		100
SSTC 5316	520	4.6	150	667		100
SSTC 6316 #	680	4.6	200	667		100
SSTC 1316H	150	7.9	34	1335		100
SSTC 2316H	200	7.9	50	1335		100
SSTC 3316H #	260	7.9	69	1335		100
SSTC 3816H #	300	7.9	85	1335		100
SSTC 4316H	360	7.9	100	1335		100
SSTC 4816H #	450	7.9	125	1335		100
SSTC 5316H	520	7.9	150	1335		100
SSTC 6316H #	680	7.9	200	1335		100
SSTC 8316H	840	7.9	250	1335		100
SSTC 10316H	1000	7.9	300	1335		100
SSTRC 2316	200	4.6	50	667	RED COATED	100
SSTRC 4316	360	4.6	100	667		100

STAINLESS STEEL SPRING CABLE TIES



+ INFORMATION

- + Cable ties made from stainless steel AISI 316
- + Spring form maintains a greater tension on solid objects
- + Easy to clamp with Partex's tools: SSTG or SSAT
- + Excellent resistance to acids, salt, chemicals, and high temperatures

+ PROPERTIES

**Temperature range**  
-80°C to +500°C

**Material**  
316 Stainless steel, Non toxic, recyclable.  
Halogen free, flameproof, UV resistant.

+ DIMENSIONS AND PACKAGING

TYPE	LENGTH (mm)	WIDTH (mm)	MAX BUNDLE DIAMETER (mm)	MIN. TENSILE STRENGTH (N)	PACKAGING
SSTZ 2316	200	4.6	50	667	100
SSTZ 3316	260	4.6	69	667	100
SSTZ 3816	300	4.6	85	667	100
SSTZ 4316	360	4.6	100	667	100
SSTZ 5316	520	4.6	150	667	100
SSTZ 2316H	200	7.9	50	1335	100
SSTZ 3316H	260	7.9	69	1335	100
SSTZ 3816H	300	7.9	85	1335	100
SSTZ 4316H	360	7.9	100	1335	100
SSTZ 5316H	520	7.9	150	1335	100





## INFORMATION

- + Cable ties made from stainless steel AISI 316, coated with black or red polyester.
- + Spring form maintains a greater tension on solid objects.
- + The outer layer of polyester and gently rounded edges protect the cable from damage.
- + Excellent resistance to acids, salt, chemicals, and high temperatures.



## PROPERTIES

**Temperature range**  
-80°C to +150°C

**Material**  
316 Stainless steel, with pure polyester coating  
Non toxic, recyclable. Halogen free.



## DIMENSIONS AND PACKAGING

TYPE	LENGTH (mm)	WIDTH (mm)	MAX BUNDLE DIAMETER (mm)	MIN. TENSILE STRENGTH (N)	PACKAGING
SSTCZ 2316	200	4.6	50	667	100
SSTCZ 3316	260	4.6	69	667	100
SSTCZ 3816	300	4.6	85	667	100
SSTCZ 4316	360	4.6	100	667	100
SSTCZ 5316	520	4.6	150	667	100
SSTCZ 2316H	200	7.9	50	1335	100
SSTCZ 3316H	260	7.9	69	1335	100
SSTCZ 3816H	300	7.9	85	1335	100
SSTCZ 4316H	360	7.9	100	1335	100
SSTCZ 5316H	520	7.9	150	1335	100





### INFORMATION

- + Designed to complement our range of stainless steel cable ties
- + Easy to use, reducing installation time
- + Tensions the ties, and then trims off the end.



### PRODUCT RANGE



#### SSTG

- + Automatically tightens and cuts off the tie when it reaches the required tension.
- + Adjustable tension setting.
- + Ergonomic handle reduces operator fatigue.
- + Can be used with one hand.
- + Can be used for both coated and uncoated ties up to 7.9mm wide.
- + Only suitable for stainless steel roller ball cable ties.

#### Specification:

**Frame:** Steel grade S45C  
**Handle grips:** Polypropylene  
**Length:** 180mm.  
**Weight:** 0.56kgs.



#### SSAT

- + A semi-automatic tool which tightens the tie to the required tension with a manual cutting mechanism.
- + Two hand operation.
- + Easy to use and very robust it is ideal for higher volume applications.
- + Can be used for both coated and uncoated ties up to 7.6mm wide.
- + Only suitable for stainless steel cable ties.

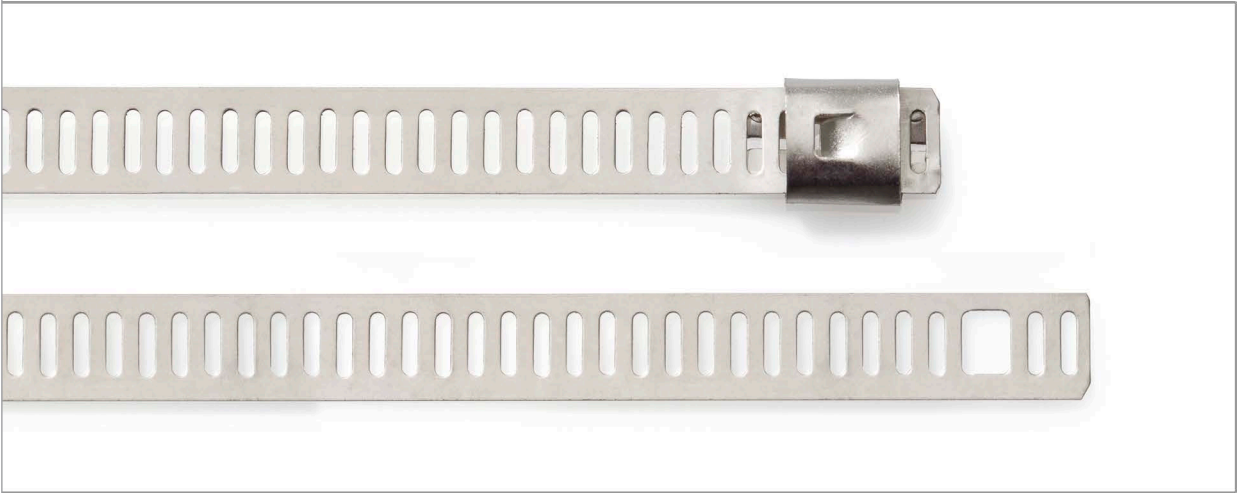
#### Specification:

**Frame:** Steel grade S45C  
**Handle grips:** Polypropylene  
**Length:** 210mm.  
**Weight:** 0.58kgs.





# STAINLESS STEEL LADDER CABLE TIES



## + INFORMATION

- + Cable ties made from stainless steel AISI 316
- + Great for restraining harnesses and cables.
- + Quick and safe installation in a variety of applications.
- + Excellent resistance to acids, salt, chemicals, and high temperatures

## + PROPERTIES

**Temperature range**  
-80°C to +500°C

**Material**  
316 Stainless steel, Non toxic, recyclable.  
Halogen free, flameproof, UV resistant.



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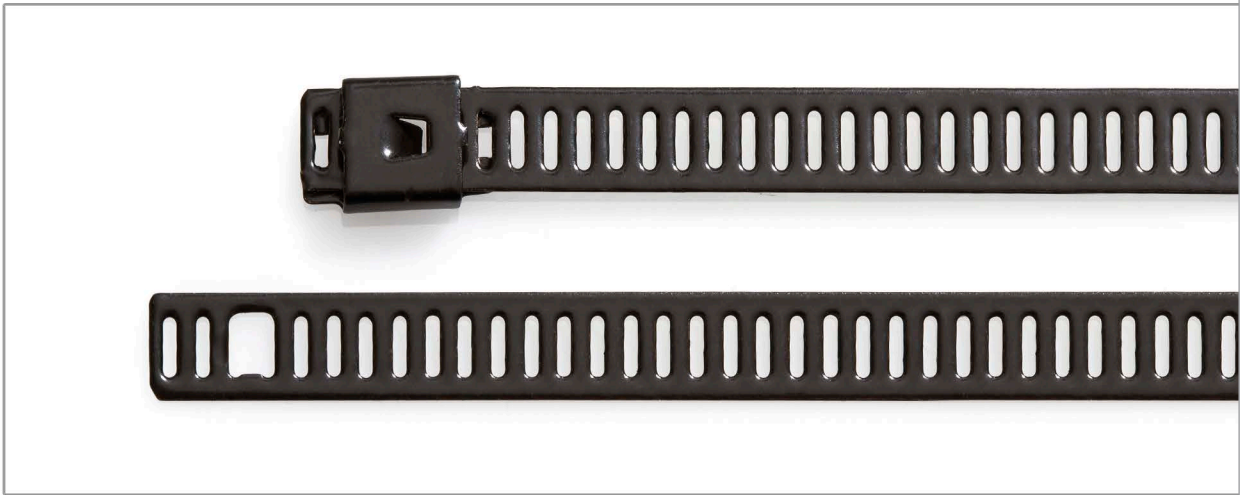
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## + DIMENSIONS AND PACKAGING

TYPE	LENGTH (mm)	WIDTH (mm)	MAX BUNDLE DIAMETER (mm)	MIN. TENSILE STRENGTH (N)	PACKAGING
SSLT 2316	200	7.0	50	667	100
SSLT 3316	250	7.0	65	667	100
SSLT 3816	300	7.0	82	667	100
SSLT 4316	360	7.0	100	667	100
SSLT 4816	450	7.0	130	667	100







INFORMATION

- + Cable ties made from stainless steel AISI 316, coated with black polyester.
- + Quick and safe installation in a variety of applications.
- + The outer layer of polyester and gently rounded edges protect the cable from damage.
- + Excellent resistance to acids, salt, chemicals, and high temperatures.



PROPERTIES

**Temperature range**  
-80°C to +150°C

**Material**  
316 Stainless steel, with pure polyester coating  
Non toxic, recyclable. Halogen free.



File No  
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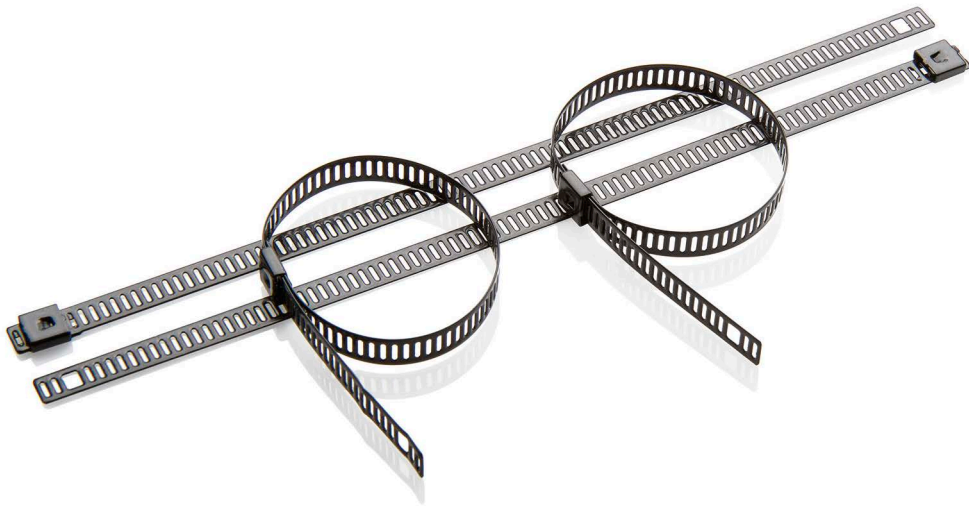


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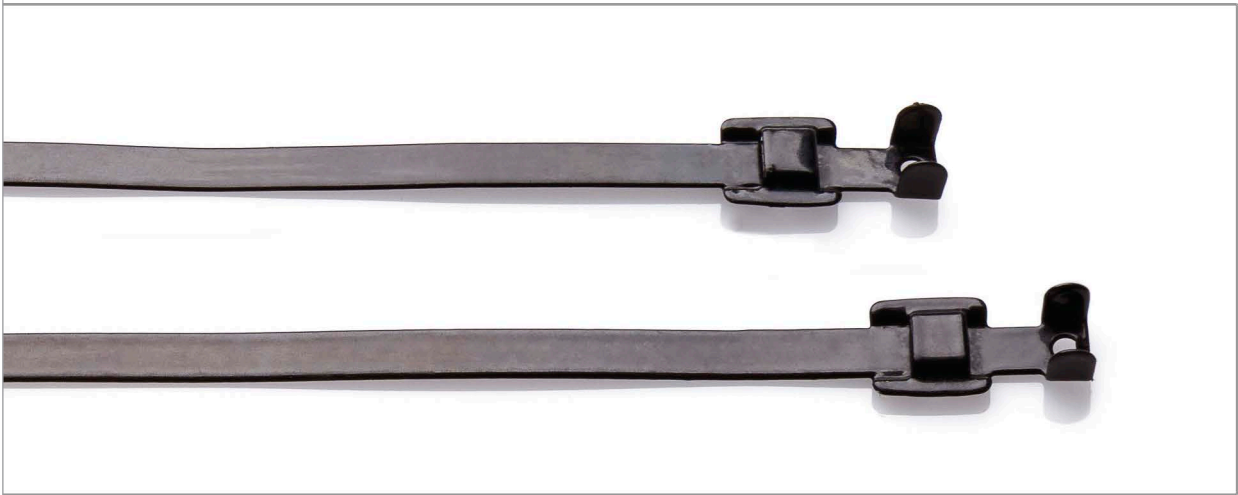


DIMENSIONS AND PACKAGING

TYPE	LENGTH (mm)	WIDTH (mm)	MAX BUNDLE DIAMETER (mm)	MIN. TENSILE STRENGTH (N)	PACKAGING
SSLTC 2316	200	7.0	50	667	100
SSLTC 3316	250	7.0	65	667	100
SSLTC 3816	300	7.0	82	667	100
SSLTC 4316	360	7.0	100	667	100
SSLTC 4816	450	7.0	130	667	100



## STAINLESS STEEL RELEASABLE CABLE TIES



### + INFORMATION

- + Cable ties made from stainless steel AISI 316 coated with PPA.
- + Great for restraining harnesses and cables.
- + Quick and safe installation in a variety of applications.
- + Excellent resistance to acids, salt, chemicals, and high temperatures

### + PROPERTIES

**Temperature range**  
-80°C to +500°C (stainless steel strap)  
-60°C to +150°C (PPA coating)

**Material**  
316 Stainless steel, Non toxic, recyclable. Halogen free, flameproof, UV resistant. PPA 571 is a flexible, tough and highly durable plastic coating which provides superior resistance to sun, salt and sea water, with excellent impact and abrasion resistance.



File No  
E475484



Items marked # are pending approval.

### + DIMENSIONS AND PACKAGING

#### PPA coated

TYPE	LENGTH (mm)	WIDTH (mm)	MAX BUNDLE DIAMETER (mm)	MIN. TENSILE STRENGTH (N)	PACKAGING
RSST PPA100 #	100	6.35	18	1469	100
RSST PPA150	150	6.35	34	1469	100
RSST PPA229	229	6.35	59	1469	100
RSST PPA305	305	6.35	91	1469	100
RSST PPA457	457	6.35	129	1469	100
RSST PPA457HD	457	9.53	129	2000	100
RSST PPA610HD	610	9.53	177	2000	100







+ INFORMATION

- + Designed to compliment our range of stainless steel cable ties
- + Single fixing hole, for ease of use
- + Robust and secure design
- + A cost effective solution for mounting cable ties

+ PROPERTIES

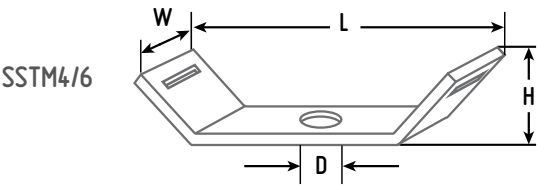
**Working Temperature range**  
-80°C to +538°C

**Packaging**  
Bags of 50

**Material**  
316 Stainless Steel

**Flammability**  
Non-flammable

+ DIMENSIONS



PART NUMBER	DIMENSIONS (mm)				MAXIMUM TIE WIDTH
	LENGTH [ L ]	WIDTH [ W ]	HEIGHT [ H ]	HOLE	
SSTM4	29.2	15.0	5.2	4.2	10.0
SSTM6	29.2	15.0	5.2	6.2	10.0



### INFORMATION

- To compliment our range of Stainless Steel cable ties, Partex has designed and manufactured a range of flameproof products.
- These products have been developed to meet the general requirements of BS7671-2008 (2015) amendment 3 - chapter 52 regulation 521.11.201 which requires cabling to be supported by fire resistant fastenings and fixings.



### PRODUCT RANGE



#### Stainless Steel Cable Tie Mount

- A cost effective method for securing our stainless steel cable ties.
- It is designed to accept both coated and un-coated ties up to 10mm wide.
- The single fixing hole can accommodate a wide range of fixings.



#### Spacer Bar Saddles

- Designed to upgrade existing UPVC conduit installations without the cost of rewiring by replacing the existing plastic saddles with steel.
- The semi gloss powder coating matches the colour of white UPVC conduits, and can be secured using the existing fixing holes.



#### Mini-Trunking Cable Clips

- These easy to install clips are designed to fit inside most designs of UPVC mini-trunking.
- Once secured in place the raised tabs can be bent around the cables to retain them even if the trunking itself melts.



+ INFORMATION

- + Easy to install with a choice of fixing hole sizes.
- + Manufactured from corrosion resistant 316 Stainless Steel.
- + Can be used to secure pipework, conduits and bundles of cables.
- + Weather, fire and UV resistant, suitable for hazardous areas.

+ PROPERTIES

**Temperature range**  
-80°C to +538°C

**Material**  
316 Stainless Steel

**Packaging**  
Supplied in packs of 50

**Flammability**  
Non-flammable

+ DIMENSIONS

PART NUMBER	DIMENSIONS (mm)			FIXING HOLE SIZE	MAXIMUM TIE WIDTH
	LENGTH [ L ]	WIDTH [ W ]	HEIGHT [ H ]		
SSTM4	29.2	15.0	5.2	4.2	10.0
SSTM6	29.2	15.0	5.2	6.2	10.0

+ RELATED PRODUCTS



STAINLESS STEEL  
CABLE TIES

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SPACER BAR SADDLES



+ INFORMATION

- + Designed to replace existing UPVC conduit saddles.
- + Manufactured from powder coated galvanised steel.
- + Weather, UV, fire and corrosion resistant.
- + Suitable for indoor and outdoor use.

+ PROPERTIES

**Material**  
Galvanised Steel

**Flammability**  
non-flammable

**Coating material**  
RAL9010 Semi-Gloss Polyester powder coat.

**Packaging**  
Supplied in packs of 10

+ DIMENSIONS AND PACKAGING

PART NUMBER	LENGTH	DIMENSIONS (mm)		CONDUIT SIZE (mm)
		WIDTH	HEIGHT	
SBSW20	56	22	26	20
SBSW25	62	23	31	25





INFORMATION

- + Products available to suit a range of mini-trunking sizes
- + Manufactured from Galvanised Steel DX53.
- + Will reduce the risk of cables falling out of mini-trunking in the event of fire.
- + Weather, fire and UV resistant, suitable for hazardous areas.



PROPERTIES

**Temperature range**  
-80°C to +412°C

**Material**  
Galvanised Steel grade DX53

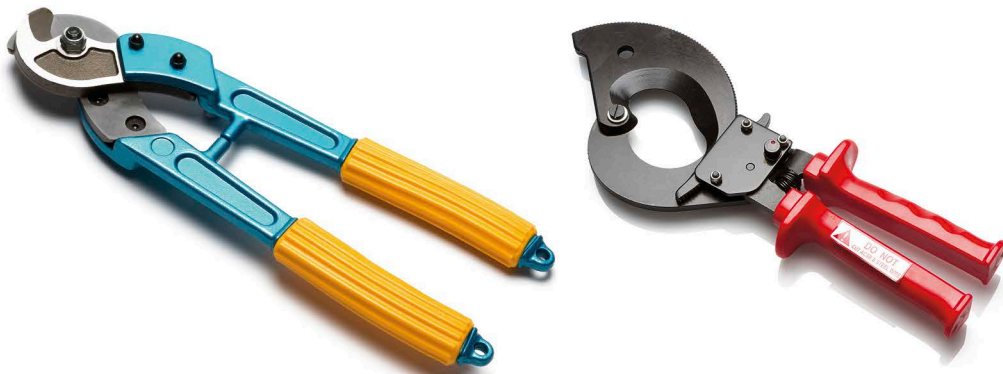
**Packaging**  
Supplied in packs of 50

**Flammability**  
Non-flammable



DIMENSIONS

PART NUMBER	LENGTH	DIMENSIONS (mm)		FIXING HOLE SIZE	TRUNKING TYPE
		WIDTH	HEIGHT		
MTCC-T2/6	19.0	15.0	22.5	6.2	T2 (25mm x 16mm)
MTCC-T3/6	28.5	15.0	32.5	6.2	T3 & T4 Suitable for 32mm to 40mm base. Folds to maximum height of 19mm.



### INFORMATION

- + An extensive range of cable cutting tools to suit any application.
- + Whatever your application, we should have a well designed and durable tool suited to the task.



### PRODUCT RANGE



#### Wire and Cable Cutters

- + A range of low cost, precision cutting tools designed for cutting copper and aluminium wires and cables.
- + Ground precision blades offer greater durability, and the soft PVC handles reduce operator fatigue.
- + These tools are not suitable for cutting armoured cables.

▶ PAGE 41



#### Ratchet Cutters

- + An extensive range of ratchet operated cable cutters with high precision cast jaws, designed to cut smoothly and cleanly without distorting the cable.
- + The ratchet ensures consistent applied pressure, which reduces operator fatigue and enables single handed operation.
- + All of these tools has an emergency release lever which stops the cut cycle at any stage.
- + These tools are not suitable for cutting armoured cables.

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#### Armoured Cable Cutters

- + These heavy duty tools have high carbon steel blades specifically designed for cutting through steel wire armoured cables, steel wires and bars.
- + They have soft grips and long heat treated aluminium handles for comfortable use.

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WC5



- + Carbon steel hand held cutting tool, suitable for soft insulated copper and aluminium cables up to 10AWG or 5.26mm<sup>2</sup>.

**Specification:****Frame:** steel grade S45C.**Handles:** Soft PVC.**Length:** 130mm.**Width closed handles:** 65mm.**Weight:** 50g.

PCC38



- + Drop forged steel hand held cutting tool, suitable for stranded non-armoured copper and aluminium cables up to 38mm<sup>2</sup> with two cutting positions (10mm<sup>2</sup> and 38mm<sup>2</sup>).

**Specification:****Body:** Drop forged high carbon steel.**Handle grips:** Soft PVC.**Length:** 210mm.**Weight:** 0.30kgs.**Maximum cutting diameter:** 12mm.

PCC80



- + Drop forged steel hand held cutting tool, suitable for stranded non-armoured copper and aluminium cables up to 80mm<sup>2</sup>.
- + The precision ground blades ensure clean cutting without deforming the cable. Long handles reduce the required cutting force.

**Specification:****Blades:** Drop forged high carbon steel.**Handles:** Heat treated Aluminium Alloy.**Handle grips:** Soft PVC.**Length:** 320mm.**Weight:** 0.73kgs.**Maximum cutting diameter:** 19mm.



PCC250



- + Light Weight hand held cutting tool, suitable for stranded non-armoured copper and aluminium cables up to 250mm<sup>2</sup>.
- + The precision steel ground blades and extended aluminium handles ensure ease of operation and a long service life.

**Specification:**

**Blades:** Drop forged high carbon steel.

**Handles:** Heat treated Aluminium Alloy.

**Handle grips:** Soft PVC.

**Length:** 600mm.

**Weight:** 1.54kgs.

**Maximum cutting diameter:** 30mm.



PCC400A



- + Light Weight hand held cutting tool, suitable for stranded non-armoured copper and aluminium cables up to 400mm<sup>2</sup> (maximum diameter 32mm).
- + The precision steel ground blades and extended tubular aluminium alloy handles ensure ease of operation and a long service life.

**Specification:**

**Blades:** Drop forged high carbon steel.

**Handles:** Heat treated Aluminium Alloy.

**Handle grips:** Soft PVC.

**Length:** 700mm.

**Weight:** 1.57kgs.

**Maximum cutting diameter:** 32mm.





PRCC240



- + Ratchet controlled light weight and compact cable cutter, suitable for both copper and aluminium cables up to 240mm<sup>2</sup>.
- + The ergonomic PVC handles ensure a firm and comfortable grip which reduces operator fatigue.

**Specification:**

**Blade material:** SAE4140

**Frame material:** SPCC SD2.5T

**Handle grip material:** PVC

**Length:** 255mm

**Weight:** 0.65kgs

**Maximum cutting diameter:** 30mm.



PRCC325



- + Ratchet controlled light weight and compact cable cutter, suitable for both copper and aluminium cables up to 325mm<sup>2</sup>.
- + The moulded thermoplastic rubber handles ensure a firm and comfortable grip which reduces operator fatigue.

**Specification:**

**Fixed blade material:** Sk5 high carbon steel

**Moving blade material:** 63CRM hardened steel

**Frame material:** S45C

**Handle grip material:** Thermoplastic rubber

**Length:** 240mm

**Weight:** 0.60kgs

**Maximum cutting diameter:** 34mm.



PRCC380



- + Ratchet controlled light weight and compact cable cutter, suitable for both copper and aluminium cables up to 380mm<sup>2</sup>.
- + The moulded polypropylene handles ensure a firm and comfortable grip which reduces operator fatigue.

**Specification:**

**Blade material:** SAE4340

**Frame material:** S45C

**Handle grip material:** PP

**Length:** 285mm

**Weight:** 0.85kgs

**Maximum cutting diameter:** 36mm.

## RATCHET CABLE CUTTERS

+

PRCC400



- + Ratchet controlled light weight and compact cable cutter, suitable for both copper and aluminium cables up to 400mm².
- + The thermoplastic rubber handles ensure a firm and comfortable grip which reduces operator fatigue.

### Specification:

**Fixed blade material:** Sk5 high carbon steel

**Moving blade material:** 63CRM hardened steel

**Frame material:** S45C

**Handle grip material:** Thermoplastic rubber

**Length:** 280mm.

**Weight:** 0.90kgs

**Maximum cutting diameter:** 38mm.

+

PRCC500



- + Ratchet controlled light weight and compact cable cutter, suitable for both copper and aluminium cables up to 500mm².
- + The moulded PVC handles ensure a firm and comfortable grip which reduces operator fatigue.

### Specification:

**Blade material:** SAE4140

**Frame material:** SPCC SD2.5T

**Handle grip material:** PVC

**Length:** 276mm

**Weight:** 0.65kgs

**Maximum cutting diameter:** 45mm.

+

PRTC500



- + Ratchet controlled light weight and compact cable cutter, specifically designed for cutting telephone cables up to 2700 pairs.
- + The moulded polypropylene handles ensure a firm and comfortable grip which reduces operator fatigue.

### Specification:

**Blade material:** SAE4340

**Frame material:** S45C

**Handle grip material:** PP

**Length:** 345mm

**Weight:** 1.3kgs

**Maximum cutting diameter:** 70mm.



PCC-SW100



- + Heavy duty cable cutter for cutting of steel wire armoured aluminium & copper cables. Precision steel ground blades ensure a clean straight cut without cable distortion and a long service life. The PVC cushioned aluminium alloy handles ensure an optimal grip and reduce operator fatigue.
- + Cutting capacity:  
copper and aluminium cables up to 95mm<sup>2</sup>  
Wire rope up to 10mm diameter.  
Steel bar up to 7mm diameter.

**Specification:**

**Blades:** 63 CRM high carbon steel

**Handles:** Heat treated Aluminium Alloy

**Handle grips:** Soft PVC

**Length:** 445mm

**Weight:** 1.1kgs



PCC-SW150



- + Heavy duty cable cutter for cutting of steel wire armoured aluminium & copper cables. Precision steel ground blades ensure a clean straight cut without cable distortion and a long service life. The PVC cushioned aluminium alloy handles ensure an optimal grip and reduce operator fatigue.
- + Cutting capacity:  
copper and aluminium cables up to 150mm<sup>2</sup>  
Wire rope up to 14mm diameter.  
Steel bar up to 9mm diameter.

**Specification:**

**Blades:** 63 CRM high carbon steel

**Handles:** Heat treated Aluminium Alloy

**Handle grips:** Soft PVC

**Length:** 600mm

**Weight:** 2.1kgs



### INFORMATION

- + An extensive range of cable stripping tools to suit any application.
- + Whatever your application, we should have a well designed and durable tool suited to the task.



### PRODUCT RANGE



#### CCS1 - Co-axial Cable Stripper

- + An economical high performance coaxial cable stripper with strong ergonomic design.
- + It performs three level stripping of coaxial cables, the outer sheath, woven braid and inner dielectric insulator simultaneously.
- + For use with: Coaxial cables, 3C2V & 5C2V, RG/U6, RG58, RG59, RG62.

#### Specification:

**Body:** ABS

**Blades:** Steel SK5.

**Length:** 110mm



#### RCS1 - Rotary Cable Stripper

- + Designed as a safe and easy to use tool for removing the PVC or rubber insulation from round cables between 4mm and 25mm in diameter.
- + The depth of cut is fully adjustable, and can remove insulation from either the end of a cable or mid-span.

#### Specification:

**Retention arm:** Steel SPCC-SD/2.5T

**Housing:** Polypropylene +15% glass fibre

**Cylinder:** Steel SAE1215

**Blade:** Steel SK-4

**Length:** 140mm





PWS-A



- + Hand held semi automatic cable stripper for stripping soft insulated cables from 24 to 14 AWG, 0.25mm<sup>2</sup> to 2.5mm<sup>2</sup>.
- + Strips and removes insulation in one operation.

**Specification:****Frame body:** Zinc alloy.**Blade:** Steel S50C.**Grip jaw:** Steel S45C.**Handle grip:** PVC coated.

PWS-B



- + Hand held semi automatic cable stripper for stripping soft insulated cables from 20 to 10 AWG, 0.50mm<sup>2</sup> to 6.0mm<sup>2</sup>.
- + Strips and removes insulation in one operation.

**Specification:****Frame body:** Zinc alloy.**Blade:** Steel S50C.**Grip jaw:** Steel S45C.**Handle grip:** PVC coated.

PWS-GUN1



- + A hand held semi automatic cable cutter and stripper for soft insulated cables from 24 to 10 AWG, 0.2mm<sup>2</sup> to 6mm<sup>2</sup>.
- + The stripping depth and length are fully adjustable.

**Specification:****Moving body:** ABS**Fixed body:** Steel SS41.**Cutting jaws:** S50C Steel.**Length:** 170mm.**Weight:** 230g

PWS-GUN2



- + A lightweight hand held semi automatic cable stripper for soft insulated cables from 0.75mm<sup>2</sup> to 16mm<sup>2</sup>. It strips and removes the insulation in one operation.
- + The stripping blade self adjusts to suit the cable.

**Specification:****Body:** ABS**Cutting blades:** SK5 steel**Cutter blade holders:** Aluminium Alloy 6061**Length:** 180mm**Weight:** 200g



### INFORMATION

- + An extensive selection of cable crimping tools to compliment our range of terminals and connectors.
- + We also offer a range of ergonomic tools to further reduce operator fatigue.
- + Most of these tools can be supplied with a calibration certificate if required

For more information on our in-house Calibration and Repair service, see [PAGE 61](#)



### PRODUCT RANGE



#### Terminal Crimpers

- + From a simple hand tool through to a fully calibrated ratchet crimper, we can offer a wide range of high quality tools to suit your needs.
- + The ratchet tools release automatically once the required amount of force has been applied to the terminal.
- + The soft plastic handles reduce fatigue and the hard wearing steel jaws offer great durability.

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#### Copper Tube Crimpers

- + From a basic manual hand tool, to a high pressure hydraulic tool, we can offer several solutions to meet your needs.
- + They are specifically designed to work perfectly with our COL range of copper tube terminals.

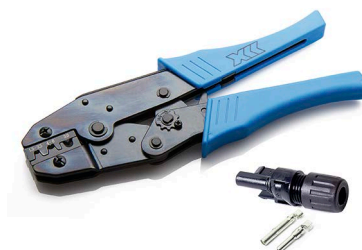
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#### Cord End Ferrule/Bootlace Crimpers

- + A full selection of high quality ratchet crimpers to compliment our range of cord-end ferrules/bootlaces. Each tool has removable jaws which can be replaced when worn out, to extend the life of the tool.

[PAGE 57](#)



#### Solar Connector Crimper

- + A robust and easy to use tool, for use with MC3 and MC4 solar cable crimp connectors

[PAGE 51](#)

+

CT1



- + Hand held manual operated economy crimping and stripping tool for standard pre-insulated red, blue & yellow terminals.
- + Built in bolt cutter for thread sizes, M2.6, M3, M3.5, M4 and M5, stripper for cable sizes 0.75, 1.0, 1.5, 2.5, 4.0, and 6.0mm<sup>2</sup>.

## Specification:

**Frame:** steel grade S45C.

**Handles:** Polypropylene

**Length:** 218mm

+

CT15



- + Our most popular hand held triple jaw crimping tool, with ratchet mechanism for complete controlled crimp cycle, for use with standard pre-insulated red, blue & yellow terminals from 0.5mm up to 6mm<sup>2</sup>.
- + Meets the compression ratio requirements of BSEN 60352-2:2006 and BS 5G178:1992.
- + The high precision jaws can be replaced when worn to extend the life of the tool.

## Specification:

**Jaw set:** Carbon steel grade SCM440

**Frame:** Material steel grade S45C

**Handles:** Polypropylene

**Length:** 225mm

**Weight:** 0.55kg

To order this tool with a calibration certificate use catalogue number: **CT15CAL**

+

ECT15



- + Ergonomic hand held triple jaw crimping tool, with ratchet mechanism for complete controlled crimp cycle, for use with standard pre-insulated red, blue & yellow terminals from 0.5mm up to 6mm<sup>2</sup>.
- + The longer, moulded handles reduce the amount of force needed to operate the tool.
- + Meets the compression ratio requirements of BSEN 60352-2:2006 and BS 5G178:1992.
- + The high precision jaws can be replaced when worn to extend the life of the tool.

## Specification:

**Jaw set:** carbon steel grade SCM440.

**Frame:** material steel grade S45C.

**Handles:** Polypropylene

**Length:** 248mm

**Weight:** 0.65kg

To order this tool with a calibration certificate use catalogue number: **ECT15CAL**



### UCT15



- + A hand held triple jaw crimping tool, with ratchet mechanism for complete controlled crimp cycle, for use with standard non-insulated terminals from 0.5mm up to 6mm<sup>2</sup>.
- + Meets the compression ratio requirements of BSEN 60352-2:2006 and BS 5G178:1992.
- + The high precision jaws can be replaced when worn to extend the life of the tool.

#### Specification:

**Jaw set:** Carbon steel grade SCM440

**Frame:** Material steel grade S45C

**Handles:** Polypropylene

**Length:** 225 mm

**Weight:** 0.55kg

To order this tool with a calibration certificate use catalogue number: **UCT15CAL**



### EUCT15



- + Ergonomic hand held triple jaw crimping tool, with ratchet mechanism for complete controlled crimp cycle, for use with standard non-insulated terminals from 0.5mm up to 6mm<sup>2</sup>.
- + The longer, moulded handles reduce the amount of force needed to operate the tool.
- + Meets the compression ratio requirements of BSEN 60352-2:2006 and BS 5G178:1992.
- + The high precision jaws can be replaced when worn to extend the life of the tool.

#### Specification:

**Jaw set:** carbon steel grade SCM440.

**Frame:** material steel grade S45C.

**Handles:** Polypropylene

**Length:** 248mm

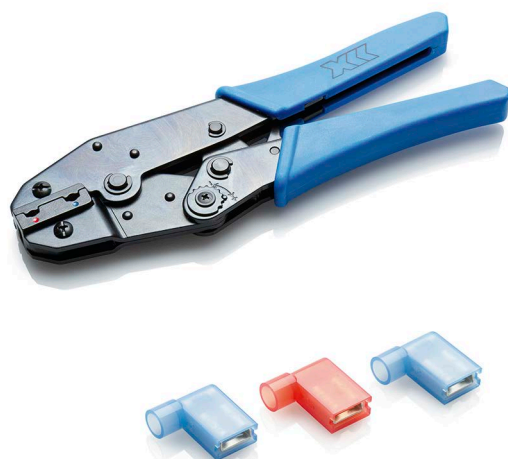
**Weight:** 0.65kg

To order this tool with a calibration certificate use catalogue number: **EUCT15CAL**





## CT FLAG



- + A hand held crimping tool, with ratchet mechanism for complete controlled crimp cycle, for use with nylon insulated red and blue Flag Terminals from 0.5mm up to 2.5mm².
- + Meets the compression ratio requirements of BSEN 60352-2:2006 and BS 5G178:1992.
- + The high precision jaws can be replaced when worn to extend the life of the tool.

### Specification:

**Jaw set:** Carbon steel grade SCM440

**Frame:** Material steel grade S45C

**Handles:** Polypropylene

**Length:** 225mm

**Weight:** 0.55kg

To order this tool with a calibration certificate use catalogue number: **CT-FLAGCAL**



## CT-HSB



- + A hand held triple jaw crimping tool, with ratchet mechanism for complete controlled crimp cycle, for use with red, blue and yellow Heat-Shrink Butt connectors from 0.5mm up to 6.0mm².
- + Meets the compression ratio requirements of BSEN 60352-2:2006 and BS 5G178:1992.
- + The high precision jaws can be replaced when worn to extend the life of the tool.

### Specification:

**Jaw set:** Carbon steel grade SCM440

**Frame:** Material steel grade S45C

**Handles:** Polypropylene

**Length:** 225mm

**Weight:** 0.55kg

To order this tool with a calibration certificate use catalogue number: **CT-HSBCAL**



## CT-MC4



- + A hand held triple jaw crimping tool, with ratchet mechanism for complete controlled crimp cycle, for use MC3 and MC4 solar connectors 2.5 to 6mm².
- + Meets the compression ratio requirements of BSEN 60352-2:2006 and BS 5G178:1992.
- + The high precision jaws can be replaced when worn to extend the life of the tool.

### Specification:

**Jaw set:** Carbon steel grade SCM440

**Frame:** Material steel grade S45C

**Handles:** Polypropylene

**Length:** 225mm

**Weight:** 0.55kg

To order this tool with a calibration certificate use catalogue number: **CT-MC4CAL**



## COPPER TUBE TERMINAL CRIMPERS

+

CT1.5-16



1.5mm<sup>2</sup> to 16mm<sup>2</sup>



- + A hand held four jaw crimping tool, with ratchet mechanism for complete controlled crimp cycle, for use with standard copper tube terminals from 1.5mm up to 16mm<sup>2</sup>.
- + Meets the compression ratio requirements of BSEN 60352-2:2006, BSEN61238-1:2003 and BS 5G178:1992.
- + The high precision jaws can be replaced when worn to extend the life of the tool.

### Specification:

**Jaw set:** carbon steel grade SCM440.

**Frame:** material steel grade S45C.

**Handles:** Polypropylene

**Length:** 225mm

**Weight:** 0.55kg

To order this tool with a calibration certificate use catalogue number: **CT1.5-16CAL**

+

CT10-16



10mm<sup>2</sup> to 16mm<sup>2</sup>



- + Precision hand held two jaw crimping tool, with ratchet mechanism for complete controlled crimp cycle, for use with seamed AWG and H/D 10mm<sup>2</sup> and 16mm<sup>2</sup> copper tube terminals.
- + Meets the compression ratio requirements of BSEN61238-1:2003.

### Specification:

**Jaw set:** carbon steel grade SCM440.

**Frame:** material steel grade S45C.

**Handles:** Polypropylene

**Length:** 248mm

**Weight:** 0.60kg

To order this tool with a calibration certificate use catalogue number: **CT10-16CAL**

+

CT6-25



6mm<sup>2</sup> to 25mm<sup>2</sup>



- + Precision hand held four jaw crimping tool, with ratchet mechanism for complete controlled crimp cycle, for use with seamed AWG and H/D copper tube terminals from 6mm<sup>2</sup> up to 25mm<sup>2</sup>.
- + Meets the compression ratio requirements of BSEN 60352-2:2006 and BSEN 61238-1:2003.

### Specification:

**Jaw set:** carbon steel grade SCM440.

**Frame:** material steel grade S45C.

**Handles:** Polypropylene

**Length:** 360mm

**Weight:** 0.90kg



CT50



- + A hand held crimping tool, with rotatable dies for easy selection.
- + For crimping seamed AWG and H/D copper tube terminals from 6mm<sup>2</sup> up to 50mm<sup>2</sup>.
- + Hexagonal die form.
- + Long tubular handles with soft grips for reduced effort and fatigue.
- + Meets the compression ratio requirements of BSEN60352-2:2006 and BSEN61238-1:2003.

**Specification:****Die and Head:** Carbon steel grade SCM440**Handles:** Tubular steel**Handle grips:** Polypropylene**Length:** 225mm**Weight:** 1.3kg

CT10-95i



- + A hand held indent crimping tool, for use with COL and PXL copper tube terminals from 10mm<sup>2</sup> up to 95mm<sup>2</sup>.
- + Manual screw adjustment for easy die selection.
- + Meets the compression ratio requirements of BSEN 61238-1:2003.

**Specification:****Jaw set:** Carbon steel grade SCM440**Frame:** Nodular cast iron**Handles:** PVC**Length:** 570mm**Weight:** 2.9kgTo order this tool with a calibration certificate use catalogue number: **CT10-95iCAL**

CT120i



- + A hand held indent crimping tool, for use with COL and PXL copper tube terminals from 16mm<sup>2</sup> up to 120mm<sup>2</sup>.
- + Manual screw adjustment for easy die selection.
- + Meets the compression ratio requirements of BSEN 61238-1:2003.
- + Tubular steel handles to reduce weight.

**Specification:****Jaw set:** Carbon steel grade SCM440**Handles:** Tubular steel**Handle grips:** PVC**Length:** 645mm**Weight:** 3.5kgTo order this tool with a calibration certificate use catalogue number: **CT120iCAL**



### CT120



10mm<sup>2</sup> to 120mm<sup>2</sup>

- + A hand held crimping tool, with rotatable dies for easy selection.
- + For crimping seamed AWG and H/D copper tube terminals from 10mm<sup>2</sup> up to 120mm<sup>2</sup>.
- + Hexagonal die form.
- + Long tubular handles with soft grips for reduced effort and fatigue.
- + Meets the compression ratio requirements of BSEN61238-1:2003.

#### Specification:

**Die and Head:** Carbon steel grade SCM440

**Handles:** Tubular steel

**Handle grips:** Soft PVC

**Length:** 637mm

**Weight:** 4.0kg



### CT150



25mm<sup>2</sup> to 150mm<sup>2</sup>

- + A hand held crimping tool, with rotatable dies for easy selection.
- + For crimping seamed AWG and H/D copper tube terminals from 25mm<sup>2</sup> up to 150mm<sup>2</sup>.
- + Hexagonal die form.
- + Long tubular handles with soft grips for reduced effort and fatigue.
- + Meets the compression ratio requirements of BSEN61238-1:2003.

#### Specification:

**Die and Head:** Carbon steel grade SCM440

**Handles:** Tubular steel

**Handle grips:** Soft PVC

**Length:** 637mm

**Weight:** 4.0kg





INFORMATION

- + Hydraulic crimp tool to suit copper cable terminals from 10mm<sup>2</sup> up to 240mm<sup>2</sup>.
- + Supplied in a robust, impact resistant plastic case.
- + Complete with a full set of removable dies.
- + Meets the compression ratio requirements of BSEN 61238-1:2003.



SPECIFICATION

**Maximum pressure**

550 Bar

**Length**

375 mm

**Oil capacity**

56CC

**Weight**

2.8kgs

**Max output**

5.2 Tonnes



PHCT-24OKIT



- + A hand held hydraulic crimping tool, for use with copper tube terminals from 10mm<sup>2</sup> up to 240mm<sup>2</sup>.
- + The two stage hydraulic system ensures rapid advance on low pressure, minimising the number of pump cycles needed to achieve maximum compression.
- + The kit contains seven interchangeable hexagon die sets: 10/16mm<sup>2</sup>, 25/35mm<sup>2</sup>, 50/70mm<sup>2</sup>, 95/120mm<sup>2</sup>, 150mm<sup>2</sup>, 185mm<sup>2</sup> and 240mm<sup>2</sup>.
- + Please specify the required Die Set when ordering.  
**Option 1:** PHCT-24OKIT-COL  
 Supplied with dies suitable for crimping our COL range of terminals. (see page 79)  
**Option 2:** PHCT-24OKIT-HD  
 Supplied with dies suitable for heavy duty terminals.
- + The crimp head can rotate 180° for ease of use.
- + Meets the compression ratio requirements of BSEN 61238-1:2003.

To order either of these tools with a calibration certificate please add /CAL to the end of the part number: For example **PHCT-24OKIT-COL/CAL**

# HYDRAULIC COPPER TUBE TERMINAL CRIMPERS



## + INFORMATION

- + Hydraulic crimp tool to suit copper cable terminals from 16mm<sup>2</sup> up to 400mm<sup>2</sup>.
- + Supplied in a robust, impact resistant plastic case.
- + Complete with a full set of removable dies.
- + Meets the compression ratio requirements of BSEN 61238-1:2003.

## + SPECIFICATION

<b>Maximum pressure</b> 700bar	<b>Length</b> 612mm
<b>Oil capacity</b> 147CC	<b>Weight</b> 6.5kgs
<b>Max output</b> 11.6 Tonnes	

## + PHCT-400KIT



16mm<sup>2</sup> to 400mm<sup>2</sup>



- + A hand held hydraulic crimping tool, for use with copper tube terminals from 16mm<sup>2</sup> up to 400mm<sup>2</sup>.
- + The two stage hydraulic system ensures rapid advance on low pressure, minimising the number of pump cycles needed to achieve maximum compression.
- + The kit contains twelve interchangeable hexagon die sets from 16mm<sup>2</sup> up to 400mm<sup>2</sup>.
- + Please specify the required Die Set when ordering.  
**Option 1:** PHCT-400KIT-COL  
Supplied with dies suitable for crimping our COL range of terminals. (see page 79)  
**Option 2:** PHCT-400KIT-HD  
Supplied with dies suitable for heavy duty terminals.
- + The crimp head can rotate 180° for ease of use.
- + Meets the compression ratio requirements of BSEN 61238-1:2003.

To order either of these tools with a calibration certificate please add /CAL to the end of the part number: For example **PHCT-400KIT-COL/CAL**





CEFT01



0.14mm<sup>2</sup> to 2.5mm<sup>2</sup>



- + A hand held seven jaw crimping tool, with ratchet mechanism for complete controlled crimp cycle. For use with standard cord end ferrules/bootlaces from 0.14mm<sup>2</sup> up to 2.5mm<sup>2</sup>, to DIN standard 46228 pt 1 & 4.
- + Meets the compression ratio requirements of BSEN 60998 and BSEN 60999.

**Specification:**

**Jaw set:** Carbon steel grade SCM440

**Frame:** Steel grade S45C

**Handles:** Polypropylene

**Length:** 203mm

**Weight:** 0.39kg

To order this tool with a calibration certificate use catalogue number: **CEFT01CAL**



CEFT1



0.5mm<sup>2</sup> to 6mm<sup>2</sup>



- + A hand held five jaw crimping tool, with ratchet mechanism for complete controlled crimp cycle. For use with standard cord end ferrules/bootlaces from 0.5mm<sup>2</sup> up to 6.0mm<sup>2</sup>, to DIN standard 46228 pt 1 & 4.
- + Meets the compression ratio requirements of BSEN 60998 and BSEN 60999.

**Specification:**

**Jaw set:** Carbon steel grade SCM440

**Frame:** Steel grade S45C

**Handles:** Polypropylene

**Length:** 203mm

**weight:** 0.39kg

To order this tool with a calibration certificate use catalogue number: **CEFT1CAL**



ECEFT4



0.5mm<sup>2</sup> to 10mm<sup>2</sup>



- + An ergonomic hand held six jaw crimping tool, with ratchet mechanism for complete controlled crimp cycle. For use with standard cord end ferrules/ bootlaces from 0.5mm<sup>2</sup> up to 10.0mm<sup>2</sup>, to DIN standard 46228 pt 1 & 4.
- + Meets the compression ratio requirements of BSEN 60998 and BSEN 60999.

**Specification:**

**Jaw set:** Carbon steel grade SCM440

**Frame:** Steel grade S45C

**Handles:** Polypropylene

**Length:** 248mm

**Weight:** 0.65kg

To order this tool with a calibration certificate use catalogue number: **ECEFT4CAL**



### CEFT2



6mm<sup>2</sup> to 16mm<sup>2</sup>



- + A hand held three jaw crimping tool, with ratchet mechanism for complete controlled crimp cycle. For use with standard cord end ferrules/bootlaces from 6.0mm<sup>2</sup> up to 16.0mm<sup>2</sup>, to DIN standard 46228 pt 1 & 4.
- + Meets the compression ratio requirements of BSEN 60998 and BSEN 60999.

#### Specification:

**Jaw set:** Carbon steel grade SCM440

**Frame:** Steel grade S45C

**Handles:** Polypropylene

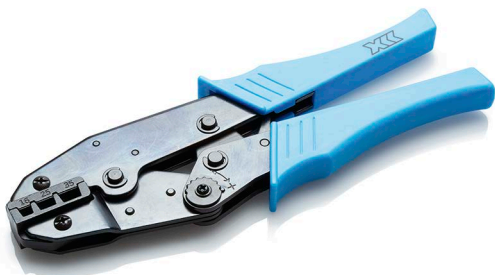
**Length:** 203mm

**Weight:** 0.39kg

To order this tool with a calibration certificate use catalogue number: **CEFT2CAL**



### CEFT3



16mm<sup>2</sup> to 35mm<sup>2</sup>



- + A hand held three jaw crimping tool, with ratchet mechanism for complete controlled crimp cycle. For use with standard cord end ferrules/bootlaces from 16mm<sup>2</sup> up to 35mm<sup>2</sup>, to DIN standard 46228 pt 1 & 4.
- + Meets the compression ratio requirements of BSEN 60998 and BSEN 60999.

#### Specification:

**Jaw set:** Carbon steel grade SCM440

**Frame:** Steel grade S45C

**Handles:** Polypropylene

**Length:** 222mm

**Weight:** 0.54kg

To order this tool with a calibration certificate use catalogue number: **CEFT3CAL**



### ECEFT5



16mm<sup>2</sup> to 35mm<sup>2</sup>



- + An ergonomic hand held three jaw crimping tool, with ratchet mechanism for complete controlled crimp cycle. For use with standard cord end ferrules/bootlaces from 16mm<sup>2</sup> up to 35mm<sup>2</sup>, to DIN standard 46228 pt 1 & 4.
- + Meets the compression ratio requirements of BSEN 60998 and BSEN 60999.

#### Specification:

**Jaw set:** Carbon steel grade SCM440

**Frame:** Steel grade S45C

**Handles:** Polypropylene

**Length:** 248mm

**Weight:** 0.65kg

To order this tool with a calibration certificate use catalogue number: **ECEFT5CAL**



CEFT6



50mm<sup>2</sup> to 95mm<sup>2</sup>



- + A hand held three jaw crimping tool, with ratchet mechanism for complete controlled crimp cycle. For use with standard cord end ferrules/bootlaces from 50mm<sup>2</sup> up to 95mm<sup>2</sup>, to DIN standard 46228 pt 1 & 4.
- + Meets the compression ratio requirements of BSEN 60998 and BSEN 60999.

**Specification:**

**Head:** Cast steel

**Frame:** Steel grade S45C

**Handles:** Soft PVC

**Length:** 330mm

**Weight:** 0.78kg

To order this tool with a calibration certificate use catalogue number: **CEFT6CAL**



TCEFT1



0.5mm<sup>2</sup> to 6mm<sup>2</sup>



- + A hand held seven jaw crimping tool, with ratchet mechanism for complete controlled crimp cycle. For use with twin entry cord end ferrules/bootlaces from 0.5mm<sup>2</sup> up to 6.0mm<sup>2</sup>, to DIN standard 46228 pt 1 & 4.
- + Meets the compression ratio requirements of BSEN 60998 and BSEN 60999.

**Specification:**

**Jaw set:** Carbon steel grade SCM440

**Frame:** Steel grade S45C

**Handles:** Polypropylene

**Length:** 230mm

**Weight:** 0.6kg

To order this tool with a calibration certificate use catalogue number: **TCEFT1CAL**



## HOT AIR GUN



### INFORMATION

- + Suitable for continuous commercial use
- + Ergonomic design with well balanced soft grip handles
- + Electronic motor with over heat protection, and two heat settings
- + Supplied complete with an accessory/nozzle pack
- + Robust impact resistant body allows the tool to operate in a freestanding upright position



### PROPERTIES

#### Power

220 - 240V 50Hz 1800W  
Fitted with a fused 13amp UK plug  
2 metre heat resisting mains lead  
Certified with CE mark

#### Dimensions

240mm x 200mm x 85mm

#### Weight

0.75Kg



#### Output

Setting 1: 400°C, 250 litres/minute  
Setting 2: 600°C, 500 litres/minute



### ORDERING INFORMATION

- + HG2-KIT Hot air gun complete with set of nozzle attachments and a steel scraper



### RELATED PRODUCTS



#### HEAT-SHRINK

▶ PAGE 96



#### HEAT-SHRINK KITS

▶ PAGE 98



## INFORMATION

- + Cost effective service with very fast turnaround
- + Hand operated, heavy duty or hydraulic tools can be calibrated and repaired in-house by Partex
- + An on-site service can also be arranged if required
- + Certification can be provided to all relevant BS/EN standards
- + New tools can be ordered complete with calibration certificates if required



## CALIBRATION

### Should crimp tools be calibrated?

At Partex, we believe the answer is **YES**.

In order to ensure that crimp tools are operating correctly, many specifiers now insist that they are regularly tested and certified.

- + We recommend that tools should be calibrated at least once a year, and more frequently depending upon usage and application.
- + The purpose of any crimp tool is to attach a connector to the end of a cable, enabling the cable to be safely terminated.
- + For a perfect crimp connection to be made, the correct amount of force must be applied to the connector.  
If this force is too great, the conductor or connector may become damaged or even cracked, leading to an unsafe termination.  
Too little force may result in the connector falling off the conductor, or in a poor and possibly dangerous electrical connection.
- + By performing test crimps and submitting them to pull-off tests, or by measuring the distance between the fixed and moving crimp dies of the tools, we are able to adjust them to ensure that each crimp will be applied with the optimum force.
- + Depending upon the industry sector, there are several test standards that apply to cable terminations.
- + We are able to calibrate and certify to any of these standards, including the following:

**BS EN 60352-1:2006**

**BS EN 61238-1:2003**

**BS EN 60999-1:2000**

**BS EN 60998-2:2004**

- + For more information, please contact our Calibration and Repair Department.  
Email: [calibration@partex.co.uk](mailto:calibration@partex.co.uk)  
Telephone: 01675 463670



## CRIMP TERMINALS



### INFORMATION

- + A comprehensive range of pre-insulated and un-insulated Crimp Terminals.
- + Manufactured from tin coated high conductivity copper and brass.
- + High grade PVC insulation ensures complete integrity of the termination.
- + Meet the requirements of BS EN and international standards.



### PROPERTIES

#### Temperature range

-20°C to +75°C

#### Insulation Material

PVC

#### Specification

Red insulation: Conductor size 0.5 - 1.5mm<sup>2</sup> / 22-16 awg

Blue insulation: Conductor size 1.5 - 2.5mm<sup>2</sup> / 16-14 awg

Yellow insulation: Conductor size 4.0 - 6.0mm<sup>2</sup> / 12-10 awg

#### Standard Terminals

Maximum Voltage: 600 Volt

UL Approval numbers: E482299/E482300

Terminal Material: C1100 Copper

#### Approvals

UL File number E482299/E482300.

#### Packaging

Supplied in bags of 100

#### Tabs and Receptacles:

Maximum Voltage: 300 Volt

UL Approval numbers: E482299/E482300

Terminal Material: C2680 Brass



File No  
E482299  
E482300



VR indicates 'Vibration Resistant' - Extra copper ring within the crimp terminal.



### RELATED PRODUCTS



#### CRIMPING TOOLS

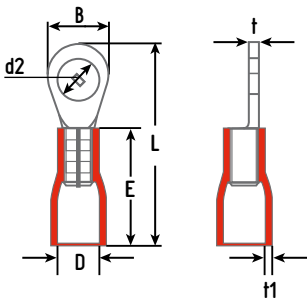
▶ PAGE 48



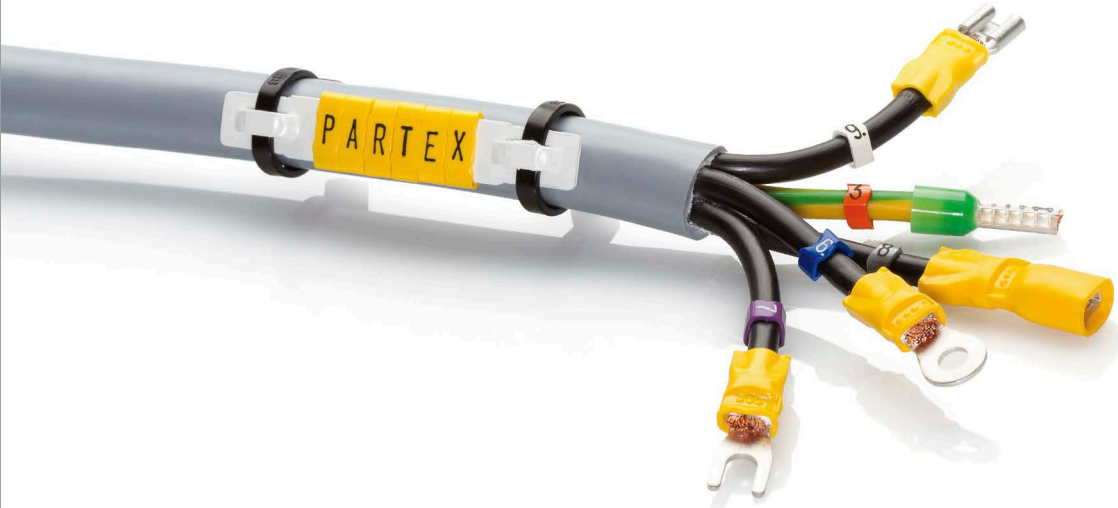
#### CRIMPER KITS

▶ PAGE 70

+ RING TERMINALS

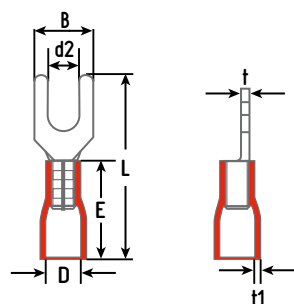


CAT NO	DIMENSIONS (mm)							INSULATION COLOUR
	d2	B	L	D	E	t	t1	
RR32	3.20	5.50	17.50	4.30	10.50	0.75	0.80	RED
RR37	3.70	5.50	17.50					
RR43	4.30	8.00	21.70					
RR53	5.30	8.00	21.70					
RR64	6.40	11.60	27.60					
RR84	8.40	11.60	27.60					
BR32	3.20	8.50	23.00	4.70	11.00	0.80	0.80	BLUE
BR37	3.70	6.60	20.60					
BR43	4.30	8.50	23.00					
BR53	5.30	9.50	23.00					
BR64	6.40	12.00	28.10					
BR84	8.40	12.00	28.10					
YR43	4.30	9.50	26.70	6.70	14.00	1.00	0.80	YELLOW
YR53	5.30	9.50	26.70					
YR64	6.40	12.00	32.70					
YR84	8.40	15.00	34.90					
YR105	10.50	15.00	34.90					
YR120	13.00	19.20	39.60					



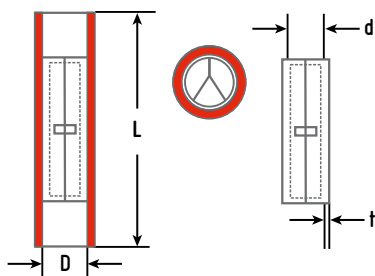
PRE-INSULATED CRIMP TERMINALS

+ FORK/SPADE TERMINALS



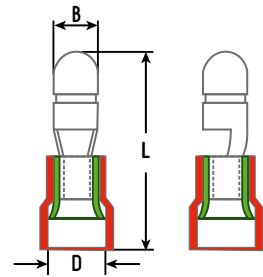
CAT NO	DIMENSIONS (mm)							INSULATION COLOUR
	d2	B	L	D	E	t	t1	
RS32N	3.20	5.70	22.00	4.30	10.50	0.75	0.80	RED
RS37	3.70	6.20	22.00					
RS37N	3.70	5.70	22.00					
RS43	4.30	7.20	22.00					
RS43N	4.30	6.40	22.00					
RS53	5.30	8.00	22.00					
RS64	6.40	10.70	23.00	4.70	11.00	0.80	0.80	BLUE
BS32N	3.20	5.70	22.50					
BS37	3.70	6.20	22.50					
BS37N	3.70	5.70	22.50					
BS43	4.30	7.20	22.50					
BS43N	4.30	6.40	22.50					
BS53	5.30	8.00	22.50	6.70	14.00	1.00	0.80	YELLOW
BS64	6.40	10.70	23.50					
YS37	3.70	8.10	26.70					
YS43	4.30	8.20	26.70					
YS53	5.30	9.00	26.70					
YS64	6.40	12.00	30.70					
YS84	8.40	13.50	32.60					

+ BUTT CONNECTORS



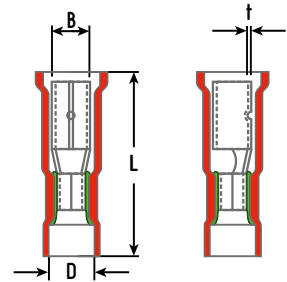
CAT NO	DIMENSIONS (mm)				INSULATION COLOUR
	d	D	L	t	
RBC4	1.70	4.30	25.00	0.75	RED
BBC45	2.30	4.50	25.00	0.80	BLUE
YBC68	3.40	6.50	27.00	1.00	YELLOW

## + MALE BULLET



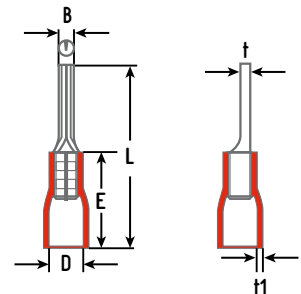
CAT NO	DIMENSIONS (mm)			INSULATION COLOUR
	D	B	L	
RMB40/VR	4.10	4.00	21.50	RED
BMB50/VR	4.90	5.00	22.50	BLUE
YMB50/VR	6.50	5.00	26.00	YELLOW

## + FEMALE BULLETS



CAT NO	DIMENSIONS (mm)				INSULATION COLOUR
	D	B	L	t	
RFB40/VR	4.30	4.65	24.50	0.40	RED
BFB50/VR	4.90	5.65	24.50		BLUE
YFB50/VR	6.50	5.65	28.00		YELLOW

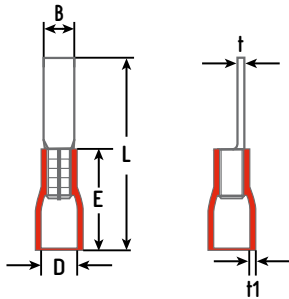
## + PIN TERMINALS



CAT NO	DIMENSIONS (mm)						INSULATION COLOUR
	B	L	D	E	t	n	
RP10	2.00	22.50	4.30	10.50	0.75	0.80	RED
BP10	2.00	23.00	4.70	11.00	0.80	0.80	BLUE
YP14	2.70	27.50	6.70	14.00	1.00	0.80	YELLOW

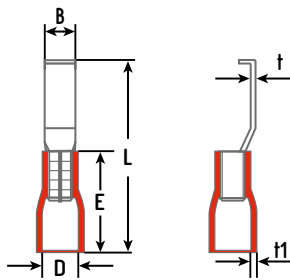
## PRE-INSULATED CRIMP TERMINALS

### + BLADE TERMINALS



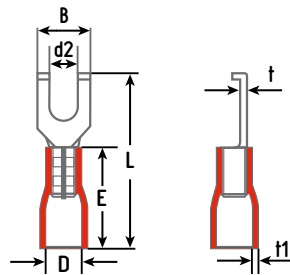
CAT NO	DIMENSIONS (mm)						INSULATION COLOUR
	B	L	D	E	t	H	
RB11	3.00	21.50	4.30	10.50	0.75	0.80	RED
RB14	3.00	25.00					
RB18	2.45	28.50					
BB9	2.80	20.00	4.70	11.00	0.80	0.80	BLUE
BB18	2.45	29.00					
YB10	2.80	24.00	6.70	14.00	1.00	0.80	YELLOW
YB18	2.80	32.00					

### + HOOK BLADE TERMINALS



CAT NO	DIMENSIONS (mm)						INSULATION COLOUR
	B	L	D	E	t	H	
RHBL3.0	2.80	28.50	4.30	10.50	0.80	0.80	RED
RHBL4.6	4.60	28.50					
BHBL3.0	2.80	28.50	4.70	11.00	0.80	0.80	BLUE
BHBL4.6	4.60	28.50					
YHBL3.0	2.80	31.80	6.70	14.00	1.00	0.80	YELLOW

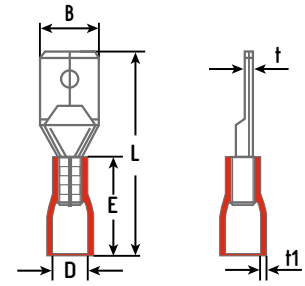
### + FLANGED FORK/SPADE



CAT NO	DIMENSIONS (mm)							INSULATION COLOUR
	d2	B	L	D	E	t	H	
RFS43	4.30	7.20	22.00	4.30	10.50	0.75	0.80	RED
BFS43	4.30	7.20	22.50	4.70	11.00	0.80	0.80	BLUE
BFS43	5.30	8.00	25.50	6.70	14.00	0.80	0.80	YELLOW

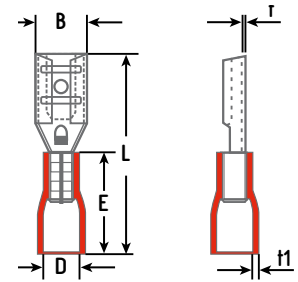


## + MALE TAB TERMINAL



CAT NO	DIMENSIONS (mm)				t	t1	INSULATION COLOUR
	D	B	L	E			
RM50/VR	4.10	4.80	22.00	10.50	0.80	0.80	RED
RM63/VR	4.10	6.40	22.00	10.50			
BM50/VR	4.90	4.80	22.50	11.00			BLUE
BM63/VR	4.90	6.40	22.50	11.00			
YM63/VR	6.50	6.40	24.50	14.00			YELLOW

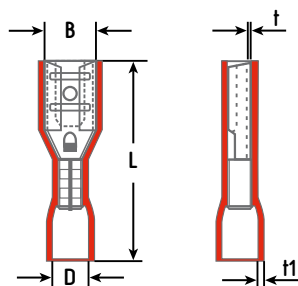
## + FEMALE PUSH ON



CAT NO	TO SUIT TAB		DIMENSIONS (mm)						INSULATION COLOUR
	WIDTH	THICKNESS	D	B	L	E	t	H	
RF32/05/VR	2.80	0.50	4.10	3.20	19.00	10.50	0.50	0.80	RED
RF32/08/VR	2.80	0.80	4.10	3.20	19.00	10.50			
RF50/05/VR	4.80	0.50	4.10	5.00	19.50	10.50			
RF50/08/VR	4.80	0.80	4.10	5.00	19.50	10.50			
RF66/08/VR	6.40	0.80	4.10	6.70	21.50	10.50	0.80		BLUE
BF50/05/VR	4.80	0.50	4.90	5.00	20.00	11.00			
BF50/08/VR	4.80	0.80	4.90	5.00	20.00	11.00			
BF66/08/VR	6.40	0.80	4.90	6.70	22.00	11.00			
BF80/08/VR	8.20	0.80	4.90	8.50	24.50	11.00	1.00	YELLOW	
YF66/08/VR	6.40	0.80	6.50	6.70	25.00	14.00			
YF100/08/VR	9.40	1.20	6.50	9.90	30.10	14.00			

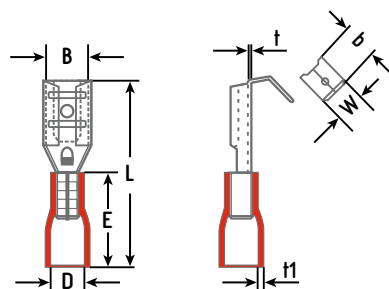
# PRE-INSULATED CRIMP TERMINALS

## + FULLY INSULATED PUSH ON



CAT NO	TO SUIT TAB		DIMENSIONS (mm)					INSULATION COLOUR
	WIDTH	THICKNESS	D	B	L	t	t1	
RF32/FI/VR	2.80	0.80	4.10	3.20	20.50	0.25	0.80	RED
RF50/FI/VR	4.80	0.80	4.10	5.00	20.50	0.40		
RF66/FI/VR	6.40	0.80	4.10	6.70	22.00			
BF50/FI/VR	4.80	0.80	4.90	5.00	21.50			BLUE
BF66/FI/VR	6.40	0.80	4.90	6.70	22.50			
YF66/FI/VR	6.40	0.80	6.70	6.70	25.00			

## + PIGGY BACK TERMINALS



CAT NO	TAB WIDTH	TAB THICKNESS	D	DIMENSIONS (mm)				INSULATION COLOUR
				B	L	E	t	
RPB63/VR	6.40	0.80	4.10	6.70	22.50	10.50	0.40	RED
BPB63/VR	6.40	0.80	4.90	6.70	23.00	11.00	0.40	BLUE

## + RELATED PRODUCTS



### CRIMPING TOOLS

▶ PAGE 48



### CRIMPER KITS

▶ PAGE 70



## INFORMATION

- + In response to numerous requests from customers we have now added 90° angled pre-insulated terminals to our range.
- + Any of our standard range of Ring, Fork or Blade terminals can be supplied in this form
- + To order, add RA to the end of the part number, as shown below.
- + If you require further information, please contact our sales department.



## PART NUMBERS

e.g.

**BR64 RA**

a 90° blue ring terminal with a 6.4mm hole



## RELATED PRODUCTS



## CRIMPING TOOLS

PAGE 48

## PRE-INSULATED CRIMP TERMINALS KITS

### + KIT-INS1 - CONTAINING



- + 1 x CT15 ratchet crimping tool

Plus:

50 x RR43	Red ring 4.3mm
50 x BR53	Blue ring 5.3mm
25 x YR64	Yellow ring 6.4mm
50 x RBC4	Red butt connector
50 x BBC45	Blue butt connector
25 x YBC68	Yellow butt connector

To order this kit with a calibration certificate use catalogue number: **KIT-INS1CAL**

### + KIT-INS2 - CONTAINING



- + 1 x CT15 ratchet crimping tool

Plus:

50 x RM63/VR	Red male tab
25 x RF66/FI/VR	Red FI push on
50 x BM63/VR	Blue male tab
25 x BF66/FI/VR	Blue FI push on
50 x RBC4	Red butt connector
50 x BBC45	Blue butt connector

To order this kit with a calibration certificate use catalogue number: **KIT-INS2CAL**

### + KIT-HSB1 - CONTAINING

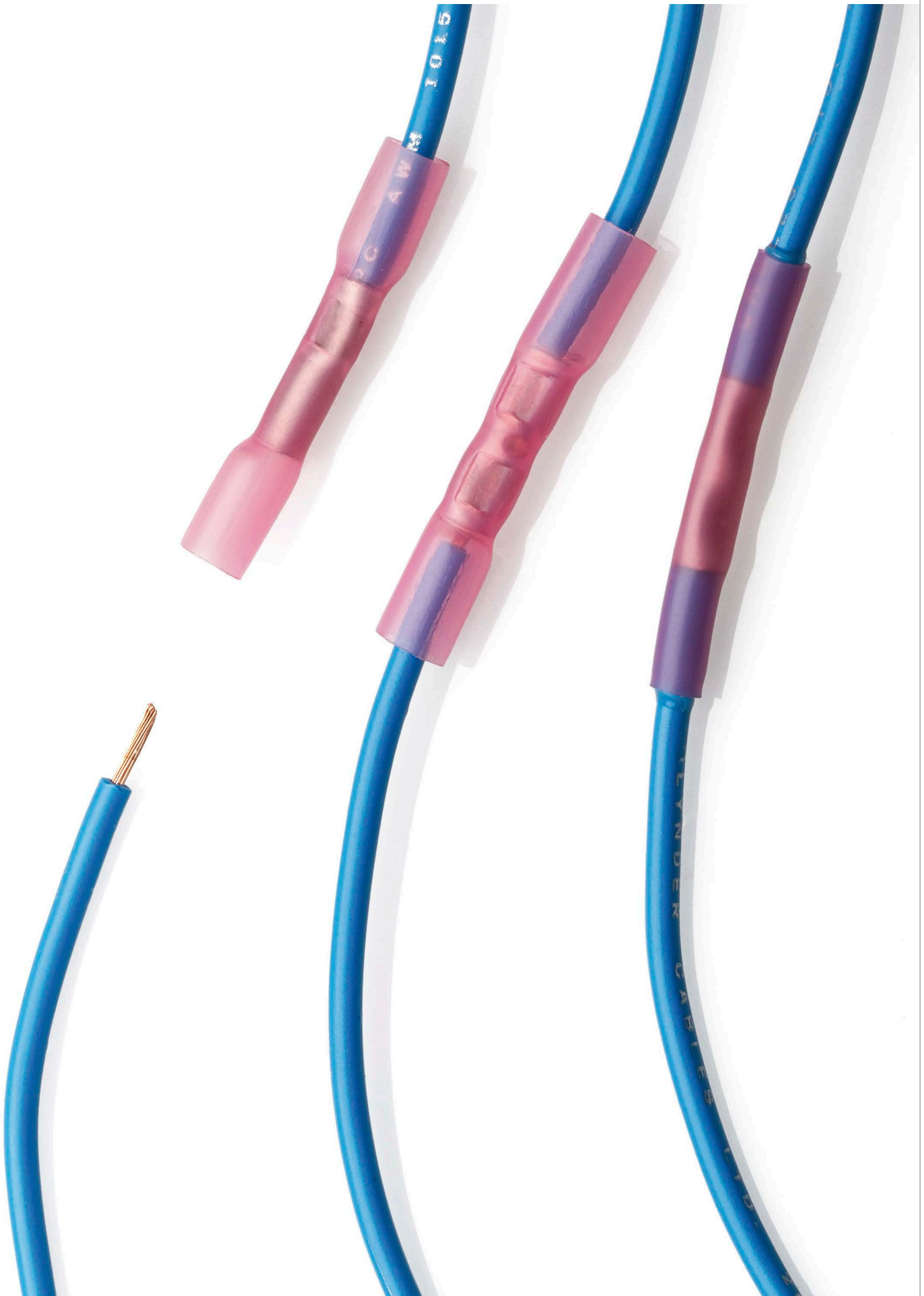


- + 1 x CT-HSB ratchet crimping tool

Plus:

50 x HSB1.25	Red 0.5 - 1.5mm <sup>2</sup>
50 x HSB2.0	Blue 2.5mm <sup>2</sup>
40 x HSB5.5	Yellow 4.0 - 6.0mm <sup>2</sup>

To order this kit with a calibration certificate use catalogue number: **KIT-HSB1CAL**





## HEAT-SHRINK BUTT CONNECTORS



### + INFORMATION

- + Easy and quick to use one piece construction, that is resistant to water and contaminants.
- + Manufactured from tin coated high conductivity copper which provides a strong and durable connection.
- + High grade heat-shrinkable Polyolefin insulation ensures complete integrity of the termination.
- + Transparent outer sleeve allows for visual inspection of the joint.
- + Crimp the terminal, then apply heat to seal the joint permanently.

### + PROPERTIES

**Shrink Temperature**  
100°C

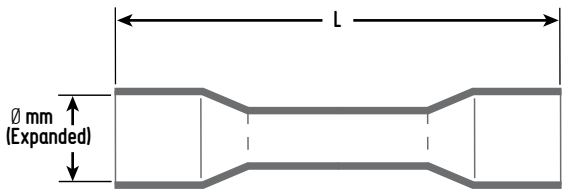
**Insulation Material**  
Heat-shrinkable Polyolefin

**Maximum Voltage**  
600 Volt

**Specification**  
Red insulation: Conductor size 0.5 - 1.5mm<sup>2</sup> / 22-16 awg  
Blue insulation: Conductor size 1.5 - 2.5mm<sup>2</sup> / 16-14 awg  
Yellow insulation: Conductor size 4.0 - 6.0mm<sup>2</sup> / 12-10 awg

**Packaging**  
Supplied in bags of 100

### + DIMENSIONS



PART NUMBER	WIRE RANGE		LENGTH L (mm)	COLOUR
	AWG	mm <sup>2</sup>		
HSB 1.25	22-18	0.5 - 1.5	37	RED
HSB 2.0	16-14	1.5 - 2.5	37	BLUE
HSB 5.5	12-10	4 - 6	42	YELLOW

### + RELATED PRODUCTS



**CRIMPING TOOLS**  
▶ PAGE 51



**CRIMPER KITS**  
▶ PAGE 71



**HG2 - Hot air gun**  
▶ PAGE 60



+ INFORMATION

- + Easy and quick to use one piece construction, that is resistant to water and contaminants (IP67).
- + The lead free solder provides a strong and durable connection, without crimping.
- + High grade heat-shrinkable Polyolefin insulation ensures complete integrity of the termination.
- + Transparent outer sleeve allows for visual inspection of the joint.
- + Apply heat to solder the cables together and seal the joint permanently .

+ PROPERTIES

**Shrink Temperature**  
100°C

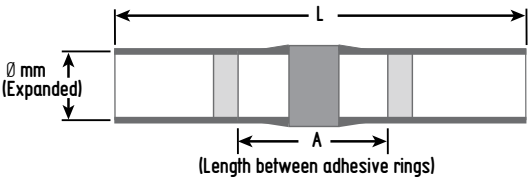
**Insulation Material**  
Heat-shrinkable Polyolefin with integrated  
melttable thermoplastic adhesive rings

**Maximum Voltage**  
600 Volt

**Specification**  
Red insulation: Conductor size 0.5 - 1.5mm<sup>2</sup> / 22-16 awg  
Blue insulation: Conductor size 1.5 - 2.5mm<sup>2</sup> / 16-14 awg  
Yellow insulation: Conductor size 4.0 - 6.0mm<sup>2</sup> / 12-10 awg

+ DIMENSIONS

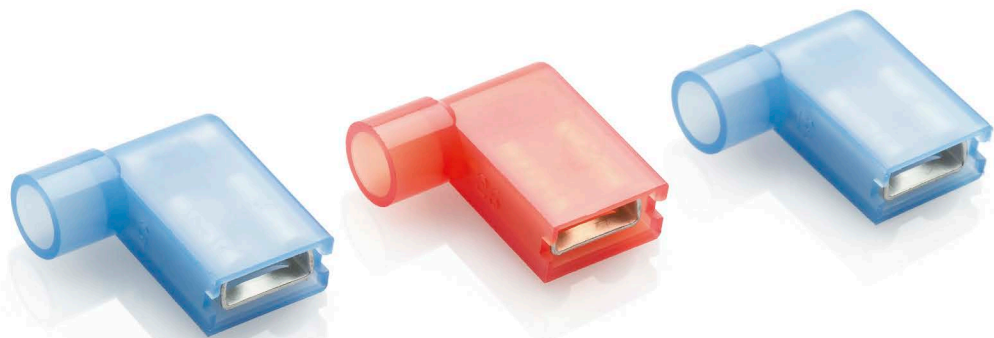
PART NUMBER	WIRE RANGE		L (mm)	Ø (mm)	A (mm)	COLOUR	PACK QUANTITY
	AWG	mm <sup>2</sup>					
SHSB-1	38-28	0.1 - 0.5	26	1.5	15	WHITE	10
SHSB-2	22-18	0.5 - 1.5	42	3.0	15	RED	25
SHSB-3	16-14	1.5 - 2.5	42	4.5	15	BLUE	25
SHSB-4	12-10	3.2 - 6.0	42	6.0	15	YELLOW	10



+ RELATED PRODUCTS



HG2 - Hot air gun  
PAGE 60



+ INFORMATION

- + Flag terminals are a 90° push-on terminal, ideal for use in tight spaces.
- + Manufactured from tin coated high conductivity brass.
- + Nylon insulation ensures complete integrity of the termination.
- + Must be crimped using the Partex CT-FLAG tool.

+ PROPERTIES

**Temperature range**  
-20°C to +105°C

**Insulation Material**  
Nylon

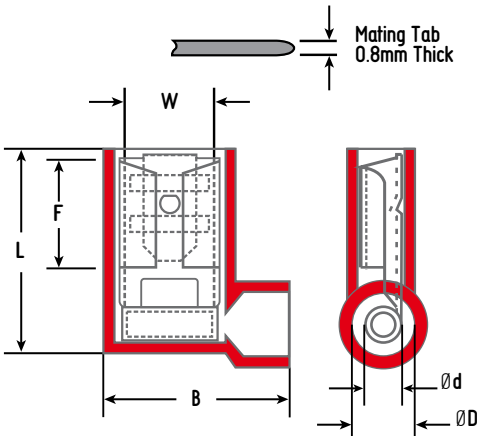
**Maximum Voltage**  
300 Volt

**Terminal Material**  
C2680 Brass

**Packaging**  
Supplied in bags of 100

**Specification**  
Red insulation: Conductor size 0.5 -1.5mm² / 22-16 awg  
Blue insulation: Conductor size 1.5 - 2.5mm² / 16-14 awg

+ DIMENSIONS



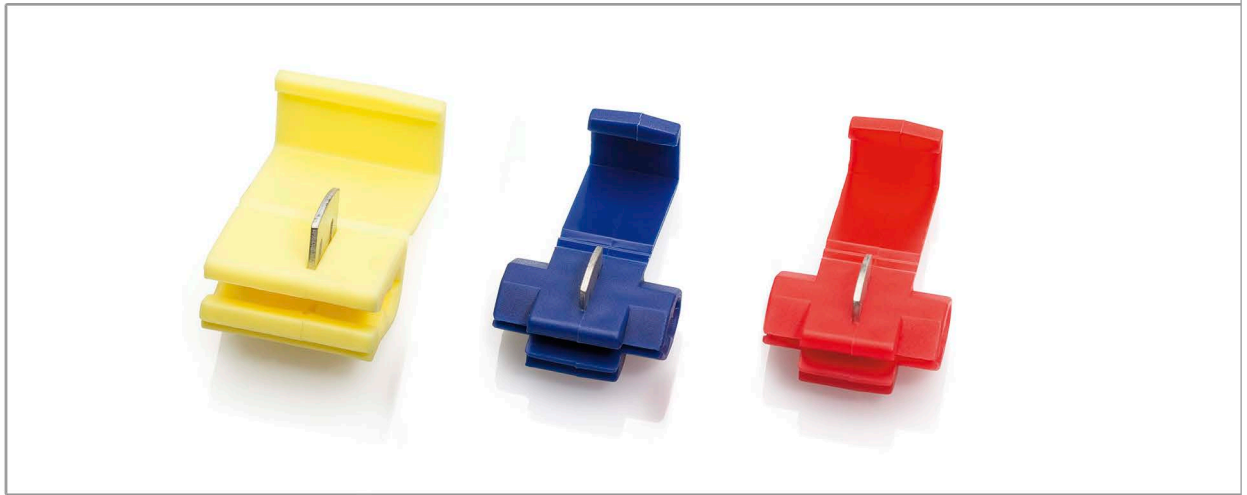
+ RELATED PRODUCTS



CT-FLAG CRIMPING TOOL

▶ PAGE 51

CAT NO	DIMENSIONS (mm)						INSULATION COLOUR
	W	L	F	E	Ø d	Ø D	
RF66/FI/FLAG	6.6	16.1	7.9	15	1.7	4.5	RED
BF66/FI/FLAG	6.6	16.1	7.9	15	2.3	4.5	BLUE



## INFORMATION

- + Easy to use Quick Splice connectors
- + Can be used to tap off an existing cable without the need to remove the insulation.
- + Simply squeeze the metal tooth down onto the cables with pliers, then close the insulated cover
- + Ideal for automotive applications.



## PROPERTIES

**Temperature range**

-20°C to +105°C

**Insulation Material**

Flame retardant Polypropylene

**Maximum Voltage**

600 Volt

**UL Approval numbers**

E482299

**Terminal Material**

Tin Plated Brass

**Approvals**

UL File number E482299

**Packaging**

Supplied in bags of 50

File No  
E482299

## DIMENSIONS

PART NUMBER	CABLE SIZE RANGE		DIMENSIONS (mm)	COLOUR
	AWG	mm <sup>2</sup>		
QS1	22 - 16	0.5 - 1.5	32 x 20	RED
QS2	16 - 14	1.5 - 2.5	32 x 20	BLUE
QS3	12 - 10	4.0 - 6.0	32 x 20	YELLOW

# UN-INSULATED CRIMP TERMINAL



## + INFORMATION

- + A comprehensive range of un-insulated Crimp Terminals.
- + Manufactured from tin coated high conductivity copper and brass.
- + Meet the requirements of BS EN and international standards.

## + PROPERTIES

**Temperature range**  
-20°C to +75°C

**Insulation Material**  
None

**Specification**  
(Red) Conductor size 0.5 - 1.5mm<sup>2</sup> / 22-16 awg  
(Blue) Conductor size 1.5 - 2.5mm<sup>2</sup> / 16-14 awg  
(Yellow) Conductor size 4.0 - 6.0mm<sup>2</sup> / 12-10 awg

**Approvals**  
UL File number E482299/E482300.

**Packaging**  
Supplied in bags of 100

**STANDARD TERMINALS:**  
**Maximum Voltage**  
600 Volt

**UL Approval numbers**  
UL File number E482299/E482300

**Terminal Material**  
C1100 Copper

**TABS AND RECEPTACLES:**  
**Maximum Voltage**  
300 Volt

**UL Approval numbers**  
E482299/E482300

**Terminal Material**  
C2680 Brass



## + RELATED PRODUCTS



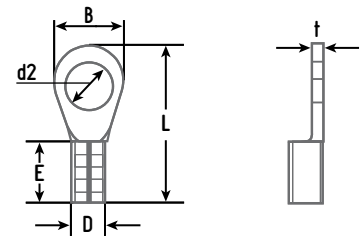
### CRIMPING TOOLS

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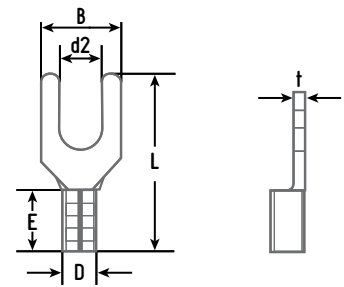
## RING TERMINALS



CAT NO	DIMENSIONS (mm)					
	d2	B	L	D	E	t
URR32	3.20	5.50	11.50	3.45	4.30	0.75
URR37	3.70	5.50	11.50			
URR43	4.30	8.00	15.80			
URR53	5.30	8.00	15.80			
URR64	6.40	11.60	21.50			
URR84	8.40	11.60	21.50	4.00	5.40	0.80
UBR37	3.70	6.60	14.40			
UBR43	4.30	8.50	16.80			
UBR53	5.30	9.50	16.80			
UBR64	6.40	12.00	21.20			
UBR84	8.40	12.00	21.20			
UBR105	10.50	13.70	25.50	5.70	7.00	1.00
UYR53	5.30	9.50	19.50			
UYR64	6.40	12.00	25.50			
UYR84	8.40	15.00	27.70			



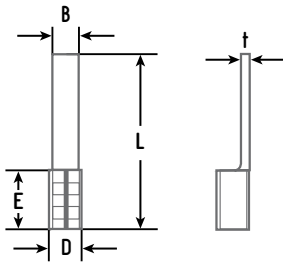
## FORK/SPADE TERMINALS



CAT NO	DIMENSIONS (mm)					
	d2	B	L	D	E	t
URS32	3.20	5.70	16.00	3.45	4.30	0.75
URS37	3.70	6.20	16.00			
URS43	4.30	7.20	16.00			
URS53	5.30	8.00	16.00			
UBS37	3.70	6.20	16.00	4.00	5.40	0.80
UYS64	6.40	12.00	23.00	5.70	7.00	1.00

## UN-INSULATED CRIMP TERMINALS

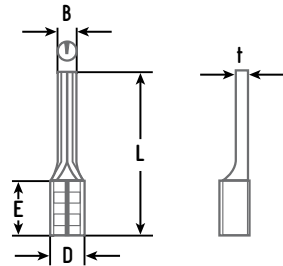
### + BLADE TERMINALS



CAT NO	DIMENSIONS (mm)				
	B	L	D	E	t
URB18	2.45	23.00	3.45	4.30	0.75
UBB18	2.45	23.00	4.10	5.10	0.80



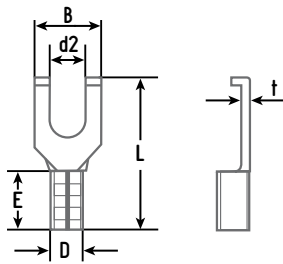
### + PIN TERMINALS



CAT NO	DIMENSIONS (mm)				
	B	L	D	E	t
UBP10	2.00	14.50	3.45	4.30	0.80



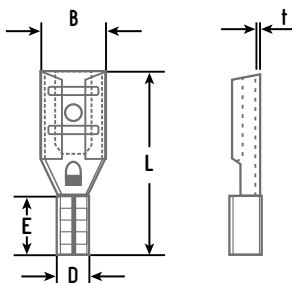
### + FLANGED FORK/SPADE



CAT NO	DIMENSIONS (mm)				
	B	L	D	E	t
UBFS43	7.20	14.10	3.45	4.30	0.80



### + FEMALE PUSH ON



CAT NO	DIMENSIONS (mm)				
	B	L	D	E	t
URF66	6.70	16.10	3.00	5.40	0.40





## INFORMATION

- + A comprehensive range of Copper Tube Crimp Terminals from 1.5mm<sup>2</sup> up to 400mm<sup>2</sup>.
- + Manufactured from seamless high conductivity copper tube electroplated with tin to improve corrosion resistance.
- + The internal barrel diameters are designed to suit standard electrical cables according to BS6360.
- + Cable entries are bell shaped to allow easier insertion of the cable.
- + Each terminal has an inspection window to ensure the cable is fully inserted before crimping.



## PROPERTIES

**Maximum Temperature**

+180°C

**Copper Purity**

&gt;99.9%

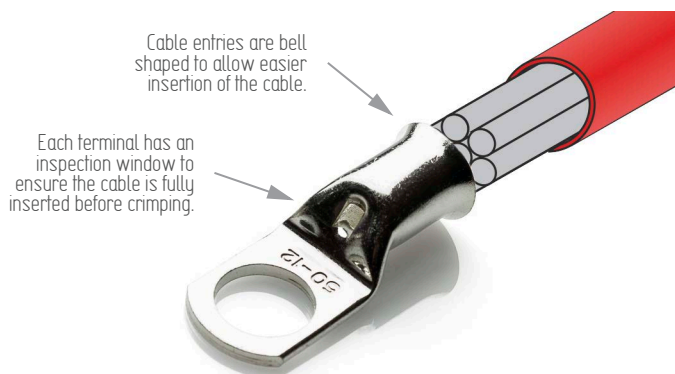
**Material**

Copper to BS EN 1976

Annealed to ASTM B111 C11000

File No  
E482299

## DESCRIPTION



e.g.

COL 120-10

Cable size

Stud Hole size



## RELATED PRODUCTS



## CRIMPING TOOLS

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## CRIMPER KITS

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## HYDRAULIC TOOLS

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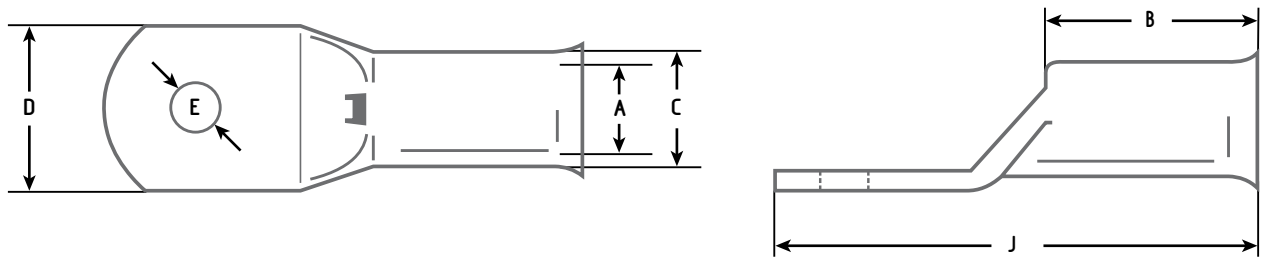
## ANGLED TERMINALS

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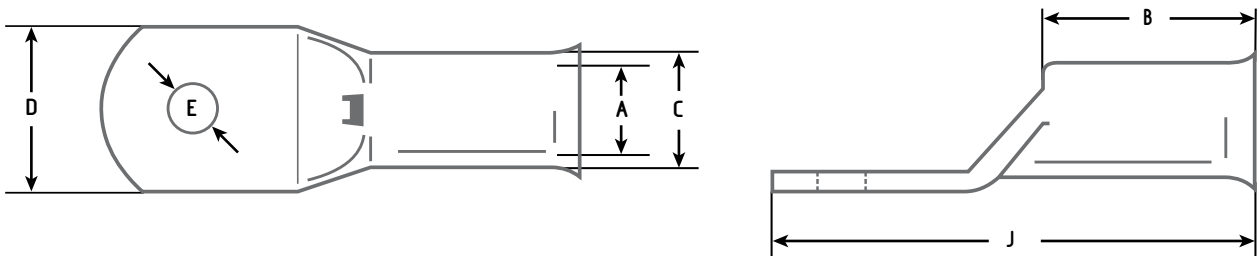
## COL RANGE COPPER TUBE TERMINALS



### DIMENSIONS



PART NUMBER	CABLE SIZE (mm <sup>2</sup> )	E STUD HOLE DIA Ø (mm)	A ID (mm)	C OD (mm)	D PALM WIDTH (mm)	B BARREL LENGTH (mm)	J TOTAL LENGTH (mm)
COL 1.5-4	1.5	4.2	1.8	3.7	8.0	8.0	19.0
COL 1.5-5	1.5	5.2	1.8	3.7	8.0	8.0	20.0
COL 2.5-4	2.5	4.5	2.4	4.0	8.7	8.0	20.0
COL 2.5-5	2.5	5.2	2.4	4.0	8.7	8.0	21.0
COL 2.5-6	2.5	6.2	2.4	4.0	10.3	8.0	23.0
COL 4-4	4.0	4.2	3.1	4.8	8.7	10.0	22.0
COL 4-5	4.0	5.2	3.1	4.8	8.7	10.0	23.0
COL 4-6	4.0	6.5	3.1	4.8	10.3	10.0	25.0
COL 4-8	4.0	8.2	3.1	4.8	12.5	10.0	29.0
COL 6-4	6.0	4.2	3.8	5.5	8.7	10.0	21.0
COL 6-5	6.0	5.2	3.8	5.5	10.3	10.0	23.0
COL 6-6	6.0	6.5	3.8	5.5	10.3	10.0	24.0
COL 6-8	6.0	8.4	3.8	5.5	12.0	10.0	26.0
COL 6-10	6.0	10.2	3.8	5.5	14.0	10.0	30.0
COL 10-5	10.0	5.2	4.5	6.2	10.0	10.0	25.0
COL 10-6	10.0	6.4	4.5	6.2	10.0	10.0	25.0
COL 10-8	10.0	8.4	4.5	6.2	12.0	10.5	29.0
COL 10-10	10.0	10.2	4.5	6.2	15.0	10.5	34.0
COL 10-12	10.0	13.0	4.5	6.2	17.0	10.5	39.0
COL 16-5	16.0	5.2	5.4	7.1	12.0	12.0	25.0
COL 16-6	16.0	6.4	5.4	7.1	12.0	12.0	27.0
COL 16-8	16.0	8.4	5.4	7.1	12.5	12.0	31.0
COL 16-10	16.0	10.4	5.4	7.1	15.0	12.5	36.0
COL 16-12	16.0	13.0	5.4	7.1	17.0	12.5	41.0
COL 25-5	25.0	5.2	7.0	8.8	13.0	12.5	30.0
COL 25-6	25.0	6.4	7.0	8.8	13.0	12.5	30.0
COL 25-8	25.0	8.4	7.0	8.8	14.0	12.5	32.0
COL 25-10	25.0	10.4	7.0	8.8	16.0	12.5	37.0
COL 25-12	25.0	13.0	7.0	8.8	18.0	12.5	41.0
COL 35-6	35.0	6.4	8.6	10.8	16.0	15.0	36.0
COL 35-8	35.0	8.4	8.6	10.8	16.0	15.0	36.0
COL 35-10	35.0	10.4	8.6	10.8	16.0	15.0	40.0
COL 35-12	35.0	13.0	8.6	10.8	18.0	15.0	44.0
COL 35-14	35.0	14.6	8.6	10.8	19.8	15.0	47.0
COL 35-16	35.0	17.0	8.6	10.8	23.0	15.0	49.0
COL 50-6	50.0	6.4	9.6	11.8	17.5	16.0	42.0
COL 50-8	50.0	8.4	9.6	11.8	17.5	16.0	42.0
COL 50-10	50.0	10.4	9.6	11.8	17.5	16.0	42.0
COL 50-12	50.0	13.0	9.6	11.8	17.5	16.0	42.0
COL 50-14	50.0	15.0	9.6	11.8	17.5	16.0	46.0
COL 50-16	50.0	17.0	9.6	11.8	24.0	16.0	52.0



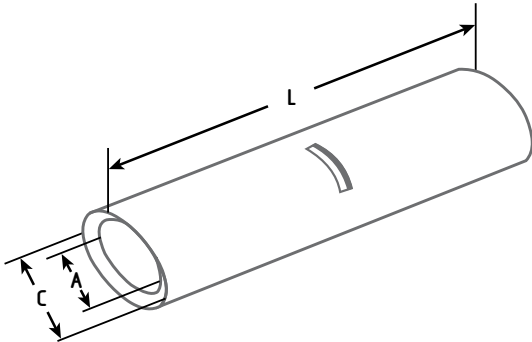
PART NUMBER	CABLE SIZE (mm <sup>2</sup> )	E STUD HOLE DIA Ø (mm)	A ID (mm)	C OD (mm)	D PALM WIDTH (mm)	B BARREL LENGTH (mm)	J TOTAL LENGTH (mm)
COL 70-6	70.0	6.4	12.0	15.0	22.0	18.0	50.0
COL 70-8	70.0	8.4	12.0	15.0	22.0	18.0	50.0
COL 70-10	70.0	10.4	12.0	15.0	22.0	18.0	54.0
COL 70-12	70.0	13.0	12.0	15.0	22.0	18.0	54.0
COL 70-14	70.0	14.5	12.0	15.0	22.0	18.0	63.0
COL 70-16	70.0	17.0	12.0	15.0	22.0	18.0	63.0
COL 95-8	95.0	8.4	13.5	16.5	24.4	20.0	52.0
COL 95-10	95.0	10.4	13.5	16.5	24.4	20.0	52.0
COL 95-12	95.0	13.0	13.5	16.5	24.4	20.0	52.0
COL 95-14	95.0	15.0	13.5	16.5	24.4	20.0	56.0
COL 95-16	95.0	17.0	13.5	16.5	24.4	20.0	56.0
COL 120-8	120.0	8.4	15.0	19.0	27.8	22.0	55.0
COL 120-10	120.0	10.5	15.0	19.0	27.8	22.0	55.0
COL 120-12	120.0	13.0	15.0	19.0	27.8	22.0	55.0
COL 120-14	120.0	15.0	15.0	19.0	27.8	22.0	59.0
COL 120-16	120.0	17.0	15.0	19.0	27.8	22.0	59.0
COL 120-20	120.0	21.0	15.0	19.0	27.8	22.0	69.0
COL 150-8	150.0	8.4	16.5	21.0	30.7	27.0	64.0
COL 150-10	150.0	10.5	16.5	21.0	30.7	27.0	64.0
COL 150-12	150.0	13.0	16.5	21.0	30.7	27.0	64.0
COL 150-14	150.0	15.0	16.5	21.0	30.7	27.0	64.0
COL 150-16	150.0	17.0	16.5	21.0	30.7	27.0	64.0
COL 150-20	150.0	21.0	16.5	21.0	30.7	27.0	72.0
COL 185-10	185.0	10.5	19.0	23.1	33.5	27.0	67.0
COL 185-12	185.0	13.0	19.0	23.1	33.5	27.0	67.0
COL 185-14	185.0	15.0	19.0	23.1	33.5	27.0	67.0
COL 185-16	185.0	17.0	19.0	23.1	33.5	27.0	67.0
COL 185-20	185.0	21.0	19.0	23.1	33.5	27.0	75.0
COL 240-10	240.0	10.5	21.0	26.0	37.6	33.0	76.0
COL 240-12	240.0	13.0	21.0	26.0	37.6	33.0	76.0
COL 240-14	240.0	15.0	21.0	26.0	37.6	33.0	76.0
COL 240-16	240.0	17.0	21.0	26.0	37.6	33.0	76.0
COL 240-20	240.0	21.0	21.0	26.0	37.6	33.0	82.0
COL 300-10	300.0	10.5	24.5	30.0	44.0	42.0	95.0
COL 300-12	300.0	13.0	24.5	30.0	44.0	42.0	95.0
COL 300-14	300.0	15.0	24.5	30.0	44.0	42.0	95.0
COL 300-16	300.0	17.0	24.5	30.0	44.0	42.0	95.0
COL 300-20	300.0	21.0	24.5	30.0	44.0	42.0	95.0
COL 400-12	400.0	13.0	27.0	32.2	47.2	44.0	102.0
COL 400-14	400.0	15.0	27.0	32.2	47.2	44.0	102.0
COL 400-16	400.0	17.0	27.0	32.2	47.2	44.0	102.0
COL 400-20	400.0	21.0	27.0	32.2	47.2	44.0	102.0



COL RANGE COPPER TUBE TERMINALS



+ DIMENSIONS



PART NUMBER	CABLE SIZE (mm²)	E STUD HOLE DIA Ø (mm)	A ID (mm)	C OD (mm)
COL 1.5 B	1.5	1.8	3.7	16
COL 2.5 B	2.5	2.3	3.9	20
COL 4 B	4	3.0	4.7	20
COL 6 B	6	4.0	5.9	20
COL 10 B	10	4.5	6.6	23
COL 16 B	16	5.5	7.5	30
COL 25 B	25	6.7	9.1	35
COL 35 B	35	8.6	11.0	40
COL 50 B	50	9.5	12.4	40
COL 70 B	70	12.0	15.0	45
COL 95 B	95	13.4	17.0	45
COL 120 B	120	15.0	19.0	50
COL 150 B	150	16.5	21.2	55
COL 185 B	185	19.0	23.0	60
COL 240 B	240	21.0	26.5	60
COL 300 B	300	24.5	30.0	70
COL 400 B	400	27.0	36.5	80

+ RELATED PRODUCTS



CRIMPING TOOLS

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CRIMPER KITS

▶ PAGE 84



HYDRAULIC TOOLS

▶ PAGE 83



## INFORMATION

- + In response to numerous requests from customers we have now added 45° and 90° angled copper tube terminals to our COL range. (other angles available on request)
- + Any of our COL range of angled terminals from 10mm<sup>2</sup> up to 150mm<sup>2</sup> can be supplied from stock.
- + To order, add 45 or R/A to the end of the part number, as shown below.
- + If you require further information, please contact our sales department.



## PART NUMBERS

e.g.

COL 120-10 R/A

Cable size

Stud Hole size

Right Angled

e.g.

COL 150-12 45

Cable size

Stud Hole size

45° Angled



## RELATED PRODUCTS



CRIMPING TOOLS

PAGE 52



HYDRAULIC TOOLS

PAGE 55

## COPPER TUBE TERMINAL KITS

### + KIT-COL1 - CONTAINING



+ 1 x CT15-16 ratchet crimping tool

Plus:

50 x COL15-4	1.5mm <sup>2</sup> - 4mm stud
50 x COL25-5	2.5mm <sup>2</sup> - 5mm stud
50 x COL4-5	4.0mm <sup>2</sup> - 5mm stud
50 x COL6-6	6.0mm <sup>2</sup> - 6mm stud
50 x COL10-6	10mm <sup>2</sup> - 6mm stud
25 x COL16-8	16mm <sup>2</sup> - 8mm stud

To order this kit with a calibration certificate use catalogue number: **KIT-COL1CAL**

### + KIT-BUTT1 - CONTAINING



+ 1 x CT15-16 ratchet crimping tool

Plus:

100 x COL15B	Butt connector 1.5mm <sup>2</sup>
100 x COL25B	Butt connector 2.5mm <sup>2</sup>
50 x COL4B	Butt connector 4.0mm <sup>2</sup>
50 x COL6B	Butt connector 6.0mm <sup>2</sup>
25 x COL10B	Butt connector 10mm <sup>2</sup>
25 x COL16B	Butt connector 16mm <sup>2</sup>

To order this kit with a calibration certificate use catalogue number: **KIT-BUTT1CAL**



+ INFORMATION

- + A comprehensive range of Copper Tube Crimp Terminals up to 630mm<sup>2</sup>.
- + Manufactured from seamless high conductivity copper tube electroplated with tin to improve corrosion resistance.
- + The internal barrel diameters are designed to suit standard electrical cables according to BS6360.
- + Each terminal has an inspection window to ensure the cable is fully inserted before crimping.

+ PROPERTIES

**Maximum Temperature**  
+180°C

**Material**  
Copper to BS EN 1976  
Annealed to ASTM B111 C11000

**Copper Purity**  
>99.9%



File No  
E482299



+ PART NUMBERS

e.g. **PXL 120-10**

Cable size      Stud Hole size

+ RELATED PRODUCTS



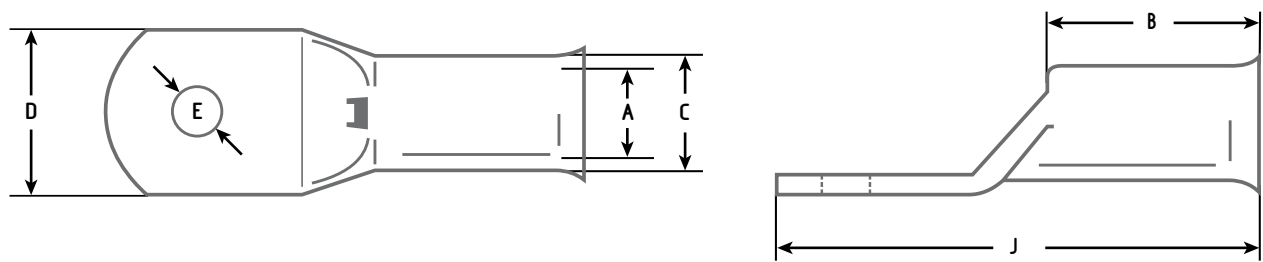
**HYDRAULIC TOOLS**

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## PXL RANGE COPPER TUBE TERMINALS



### DIMENSIONS



PART NUMBER	CABLE SIZE (mm <sup>2</sup> )	E STUD HOLE DIA Ø (mm)	A ID (mm)	C OD (mm)	D PALM WIDTH (mm)	B BARREL LENGTH (mm)	J TOTAL LENGTH (mm)
PXL14	1.5	4	1.8	3.7	6.0	5.5	17.0
PXL15	1.5	5	1.8	3.7	6.0	5.5	17.0
PXL16	1.5	6	1.8	3.7	8.0	5.5	19.0
PXL24	2.5	4	2.4	4.0	8.0	8.0	21.5
PXL25	2.5	5	2.4	4.0	8.0	8.0	21.5
PXL26	2.5	6	2.4	4.0	8.0	8.0	21.5
PXL28	2.5	8	2.4	4.0	10.0	8.0	24.0
PXL44	4	4	3.1	4.8	9.0	8.0	21.0
PXL45	4	5	3.1	4.8	9.0	8.0	21.0
PXL46	4	6	3.1	4.8	9.0	8.0	21.0
PXL48	4	8	3.1	4.8	10.0	8.0	25.0
PXL65	6	5	3.8	5.5	10.0	10.0	23.0
PXL66	6	6	3.8	5.5	10.0	10.0	27.0
PXL68	6	8	3.8	5.5	10.0	10.0	27.0
PXL610	6	10	3.8	5.5	12.0	10.0	32.0
PXL105	10	5	4.5	6.2	12.0	10.0	25.5
PXL106	10	6	4.5	6.2	12.0	10.0	25.5
PXL108	10	8	4.5	6.2	12.0	10.0	25.5
PXL1010	10	10	4.7	7.1	12.0	10.0	32.0
PXL1012	10	12	4.7	7.1	14.0	10.0	36.0
PXL165	16	5	5.4	7.1	12.0	13.0	31.0
PXL166	16	6	5.4	7.1	12.0	13.0	31.0
PXL168	16	8	5.4	7.1	12.0	13.0	31.0
PXL1610	16	10	5.5	7.9	12.0	13.0	35.0
PXL1612	16	12	5.5	7.9	14.0	13.0	39.0
PXL208	20	8	6.0	7.7	12.0	14.0	32.5
PXL256	25	6	6.8	8.8	13.0	14.0	33.0
PXL258	25	8	6.8	8.8	13.0	14.0	33.0
PXL2510	25	10	6.8	8.8	13.0	14.0	36.5
PXL2512	25	12	6.8	8.8	14.0	14.0	40.0
PXL356	35	6	8.2	10.6	16.0	14.0	36.0
PXL358	35	8	8.2	10.6	16.0	14.0	36.0
PXL3510	35	10	8.2	10.6	16.0	14.0	39.0
PXL3512	35	12	8.2	10.6	16.0	15.5	47.0
PXL506	50	6	9.5	12.4	18.0	18.0	45.0
PXL508	50	8	9.5	12.4	18.0	18.0	45.0
PXL5010	50	10	9.5	12.4	18.0	18.0	45.0
PXL5012	50	12	9.5	12.4	18.0	18.0	52.0
PXL5014	50	14	9.5	12.4	19.0	18.0	52.0



PART NUMBER	CABLE SIZE (mm <sup>2</sup> )	E STUD HOLE DIA Ø (mm)	A ID (mm)	C OD (mm)	D PALM WIDTH (mm)	B BARREL LENGTH (mm)	J TOTAL LENGTH (mm)
PXL5016	50	16	9.5	12.4	20.0	18.0	52.0
PXL706	70	6	11.2	14.7	21.0	20.0	52.0
PXL708	70	8	11.2	14.7	21.0	20.0	52.0
PXL7010	70	10	11.2	14.7	21.0	20.0	52.0
PXL7012	70	12	11.2	14.7	21.0	20.0	52.0
PXL7014	70	14	11.2	14.7	21.0	20.0	52.0
PXL7016	70	16	11.2	14.7	21.0	20.0	52.0
PXL7020	70	20	11.2	14.7	24.0	20.0	57.0
PXL958	95	8	13.5	17.4	25.0	22.0	57.0
PXL9510	95	10	13.5	17.4	25.0	22.0	57.0
PXL9512	95	12	13.5	17.4	25.0	22.0	57.0
PXL9514	95	14	13.5	17.4	25.0	22.0	57.0
PXL9516	95	16	13.5	17.4	25.0	22.0	60.0
PXL9520	95	20	13.5	17.4	25.0	22.0	60.0
PXL1208	120	8	15.0	19.4	28.0	24.0	63.0
PXL12010	120	10	15.0	19.4	28.0	24.0	63.0
PXL12012	120	12	15.0	19.4	28.0	24.0	63.0
PXL12014	120	14	15.0	19.4	28.0	24.0	63.0
PXL12016	120	16	15.0	19.4	28.0	24.0	63.0
PXL12020	120	20	15.0	19.4	28.0	24.0	70.0
PXL1508	150	8	16.5	21.2	30.0	29.0	71.0
PXL15010	150	10	16.5	21.2	30.0	29.0	71.0
PXL15012	150	12	16.5	21.2	30.0	29.0	71.0
PXL15014	150	14	16.5	21.2	30.0	29.0	71.0
PXL15016	150	16	16.5	21.2	30.0	29.0	71.0
PXL15020	150	20	16.5	21.2	30.0	29.0	71.0
PXL18510	185	10	18.5	23.5	34.0	34.0	79.0
PXL18512	185	12	18.5	23.5	34.0	34.0	79.0
PXL18514	185	14	18.5	23.5	34.0	34.0	79.0
PXL18516	185	16	18.5	23.5	34.0	34.0	79.0
PXL18520	185	20	18.5	23.5	34.0	34.0	79.0
PXL24010	240	10	21.0	26.5	38.0	39.0	93.0
PXL24012	240	12	21.0	26.5	38.0	39.0	93.0
PXL24014	240	14	21.0	26.5	38.0	39.0	93.0
PXL24016	240	16	21.0	26.5	38.0	39.0	93.0
PXL24020	240	20	21.0	26.5	38.0	39.0	93.0
PXL30010	300	10	23.5	30.0	43.0	44.0	101.0
PXL30012	300	12	23.5	30.0	43.0	44.0	101.0
PXL30014	300	14	23.5	30.0	43.0	44.0	101.0
PXL30016	300	16	23.5	30.0	43.0	44.0	101.0
PXL30020	300	20	23.5	30.0	43.0	44.0	101.0
PXL40010	400	10	26.8	34.8	50.0	47.0	116.0
PXL40012	400	12	26.8	34.8	50.0	47.0	116.0
PXL40014	400	14	26.8	34.8	50.0	47.0	116.0
PXL40016	400	16	26.8	34.8	50.0	47.0	116.0
PXL40020	400	20	26.8	34.8	50.0	47.0	116.0
PXL50016	500	16	30.0	39.0	55.5	52.0	126.0
PXL50020	500	20	30.0	39.0	55.5	52.0	126.0
PXL63016	630	16	35.0	45.0	64.0	59.0	146.0
PXL63020	630	20	35.0	45.0	64.0	59.0	146.0

## CORD END (BOOTLACE) FERRULES



### INFORMATION

- + A comprehensive range of insulated and un-insulated Cord End (Bootlace) Ferrules.
- + Manufactured from tin coated high conductivity copper.
- + High grade Polyamide 66 insulation ensures complete integrity of the termination.
- + Available in both the French and German standard colours.



### PROPERTIES

#### Shrink Temperature

-40°C to +105°C

#### Material

Insulation: Polyamide 66, zero halogen  
Terminal: High conductivity tin plated copper

#### Copper Purity

>99.9%

#### Specification

DIN 46228-1 and -4

#### Packaging

Available in bags of 100 or 1000  
(please specify when ordering)



### PRODUCT RANGE



#### STANDARD

▶ PAGE 89



#### LONG BARREL

▶ PAGE 90



#### TWIN FERRULES

▶ PAGE 91



#### UNINSULATED

▶ PAGE 92



### RELATED PRODUCTS



#### CRIMPING TOOLS

▶ PAGE 57



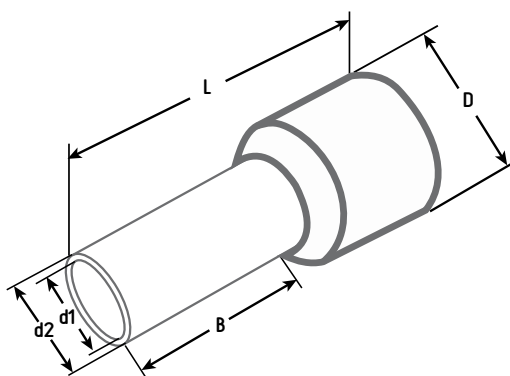
#### CRIMPER KITS

▶ PAGE 93



+

## DIMENSIONS



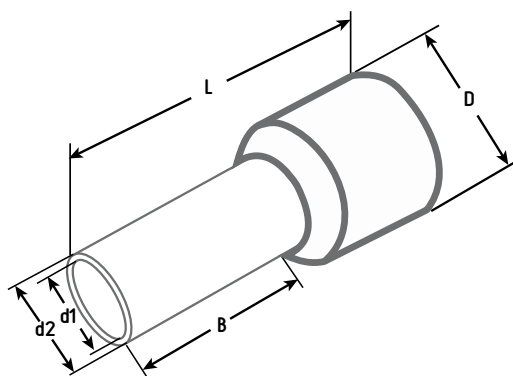
CAT NO	SIZE (mm <sup>2</sup> )	DIMENSIONS (mm)					COLOUR	
		L	B	d1	d2	D	FRENCH	GERMAN
CEF025_*	0.25	10	6	0.90	0.75	1.9	Violet	Light Blue
CEF034_*	0.34	10	6	0.95	0.80	1.9	Pink	Turquoise
CEF508_*	0.50	14	8	1.15	1.00	2.6	White	Orange
CEF7508_*	0.75	14	8	1.35	1.20	2.8	Blue	White
CEF108_*	1.0	14	8	1.55	1.40	3.0	Red	Yellow
CEF1508_*	1.5	14	8	1.85	1.70	3.5	Black	Red
CEF2508_*	2.5	14	8	2.35	2.20	4.2	Grey	Blue
CEF409_*	4	16	9	3.00	2.80	4.8	Orange	Grey
CEF612_*	6	20	12	3.70	3.50	6.3	Green	Black
CEF1012_*	10	22	12	4.70	4.50	7.6	Brown	Ivory
CEF1612_*	16	24	12	6.00	5.80	8.8	Ivory	Green
CEF25016_*	25	28	16	7.50	7.30	11.2	Black	Brown
CEF35016_*	35	30	16	8.50	8.30	13.0	Red	Beige
CEF50020_*	50	37	20	10.30	11.0	16.0	Blue	Olive
CEF70021F	70	37	21	13.40	14.40	17.6	Yellow	-
CEF95025F	95	44	25	14.50	15.60	19.5	Red	-






















\* When ordering add suffix „F“ for French and „G“ for German standard.

## LONG BARRELLED CORD END (BOOTLACE) FERRULES



### INFORMATION

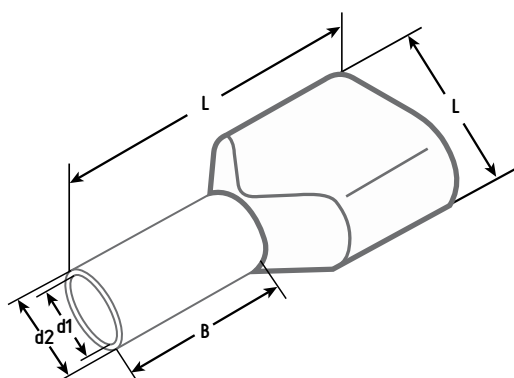


CAT NO	SIZE (mm <sup>2</sup> )	DIMENSIONS (mm)					COLOUR			
		L	B	d1	d2	D	FRENCH		GERMAN	
CEF7512_*	0.75	18	2	1.35	1.20	2.8	Blue		White	
CEF112_*	1.0	18	12	1.55	1.40	3.0	Red		Yellow	
CEF1518_*	1.5	18	18	1.85	1.70	3.5	Black		Red	
CEF2518_*	2.5	24	1	2.35	2.20	4.2	Grey		Blue	
CEF418_*	4	26	8	3.00	2.80	4.8	Orange		Grey	
CEF618_*	6	26	18	3.70	3.50	6.3	Green		Black	
CEF1018_*	10	28	18	4.70	4.50	7.6	Brown		Ivory	
CEF1618_*	16	35	18	6.00	5.80	8.8	Ivory		Green	
CEF25022_*	25	35	22	7.50	7.30	11.2	Black		Brown	
CEF35025_*	35	39	25	8.50	8.30	13.0	Red		Beige	
CEF50025F	50	42	25	10.30	11.0	16.0	Blue		-	-

\* When ordering add suffix „F“ for French and „G“ for German standard.



## INFORMATION



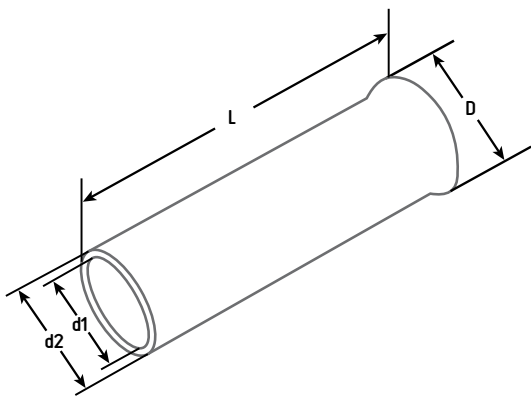
CAT NO	SIZE (mm <sup>2</sup> )	DIMENSIONS (mm)						COLOUR			
		d	D	L	B	t	T	FRENCH		GERMAN	
TCEF508_*	2x 0.5	1.5	2.5/4.7	15.00	8.00	0.15	0.25	White		Orange	
TCEF7508_*	2x 0.75	1.8	2.8/5.0	15.00	8.00	0.15	0.25	Grey		White	
TCEF7510F	2x 0.75	1.8	2.8/5.0	17.00	10.00	0.15	0.25	Grey		-	
TCEF108_*	2x 1.0	2.05	3.4/5.4	15.00	8.00	0.15	0.30	Red		Yellow	
TCEF110F	2x 1.0	2.05	3.4/5.4	17.00	10.00	0.15	0.30	Red		-	
TCEF1508_*	2x 1.5	2.3	3.6/6.6	16.00	8.00	0.15	0.30	Black		Red	
TCEF1512F	2x 1.5	2.3	3.6/6.6	20.00	12.00	0.15	0.30	Black		-	
TCEF2510_*	2x 2.5	2.8	4.2/7.8	18.50	10.00	0.20	0.30	Blue		Blue	
TCEF2513F	2x 2.5	2.8	4.2/7.8	21.50	13.00	0.20	0.30	Blue		-	
TCEF412_*	2x 4	3.7	4.9/8.8	23.00	12.00	0.20	0.40	Grey		Grey	
TCEF614_*	2x 6	4.8	6.9/10.0	26.00	14.00	0.20	0.40	Yellow		Black	
TCEF1014_*	2x 10	6.4	7.6/12.8	26.50	14.00	0.20	0.50	Red		Ivory	
TCEF1614_*	2x 16	8.3	9.6/18.6	31.50	14.00	0.30	0.50	Blue		Green	

\* When ordering add suffix „F“ for French and „G“ for German standard.

UNINSULATED CORD END (BOOTLACE) FERRULES



+ DIMENSIONS



CAT NO	SIZE (mm²)	DIMENSIONS (mm)			
		D1	d2	D	L
UCEF 510	0.50	1.0	1.3	2.1	10
UCEF 7510	0.75	1.2	1.5	2.3	10
UCEF 110	1.00	1.4	1.7	2.5	10
UCEF 1510	1.50	1.7	2	2.8	10
UCEF 2512	2.50	2.2	2.5	3.4	12
UCEF 412	4.0	2.8	3.2	4.0	12
UCEF 618	6.0	3.5	3.9	4.7	18
UCEF 1018	10.0	4.5	4.9	5.8	18
UCEF 1618	16.0	5.8	6.2	7.5	18
UCEF 25018	25.0	7.3	7.7	9.5	18
UCEF 35018	35.0	8.3	8.7	11.0	18
UCEF 50025	50.0	10.3	11.0	12.9	25
UCEF 70025	70.0	13.4	14.4	15.4	25
UCEF 95032	95.0	14.5	15.6	16.7	32

+ RELATED PRODUCTS



CRIMPING TOOLS

▶ PAGE 57



## + KIT-CEFO1F - CONTAINING



- + 1 x CEFT01 ratchet crimping tool

Plus:

100 x CEF025F	0.25mm <sup>2</sup> Violet
100 x CEF034F	0.34mm <sup>2</sup> Pink
100 x CEF508F	0.5mm <sup>2</sup> White
100 x CEF7508F	0.75mm <sup>2</sup> Blue
100 x CEF108F	1.0mm <sup>2</sup> Red
100 x CEF1508F	1.5mm <sup>2</sup> Black

To order this kit with a calibration certificate use catalogue number: **KIT-CEFO1FCAL**

## + KIT-CEFO1G - CONTAINING



- + 1 x CEFT01 ratchet crimping tool

Plus:

100 x CEF025G	0.25mm <sup>2</sup> Light Blue
100 x CEF034G	0.34mm <sup>2</sup> Green
100 x CEF508G	0.5mm <sup>2</sup> Orange
100 x CEF7508G	0.75mm <sup>2</sup> White
100 x CEF108G	1.0mm <sup>2</sup> Yellow
100 x CEF1508G	1.5mm <sup>2</sup> Red

To order this kit with a calibration certificate use catalogue number: **KIT-CEFO1GCAL**

## CORD END (BOOTLACE) FERRULE KITS

### + KIT-CEF1F - CONTAINING



#### + 1 x CEFT1 ratchet crimping tool

Plus:

100 x CEF508F	0.5mm <sup>2</sup> White
100 x CEF7508F	0.75mm <sup>2</sup> Blue
100 x CEF108F	1.0mm <sup>2</sup> Red
100 x CEF1508F	1.5mm <sup>2</sup> Black
100 x CEF2508F	2.5mm <sup>2</sup> Grey
100 x CEF409F	4.0mm <sup>2</sup> Orange

To order this kit with a calibration certificate use catalogue number: **KIT-CEF1FCAL**

### + KIT-CEF1G - CONTAINING



#### + 1 x CEFT1 ratchet crimping tool

Plus:

100 x CEF508G	0.5mm <sup>2</sup> Orange
100 x CEF7508G	0.75mm <sup>2</sup> White
100 x CEF108G	1.0mm <sup>2</sup> Yellow
100 x CEF1508G	1.5mm <sup>2</sup> Red
100 x CEF2508G	2.5mm <sup>2</sup> Blue
100 x CEF409G	4.0mm <sup>2</sup> Grey

To order this kit with a calibration certificate use catalogue number: **KIT-CEF1G CAL**





**+** INFORMATION

- + High quality 2:1 ratio heat shrink tubing in a wide range of sizes and colours
- + Available in various pack sizes to suit your requirements
- + Flame retardant, zero halogen
- + Weatherproof and UV stable

**+** PROPERTIES

**Working Temperature Range**

-55°C to +125°C

**Insulation Material**

Cross-Linked Polyolefin (rated to 600V)

**Shrink Temperature**

90°C to +100°C

**Approvals**

UL File number E479774 (excluding clear)  
Standard UL224 125°C



File No  
E479774



**Available Colours**

Black, Clear, Red, Yellow, Blue, White, Green,  
Brown, Grey, and Earth (Green/Yellow)

**+** DATA

PROPERTY	DATA	CONDITION
TENSILE STRENGTH	>10.4MPA	-
TENSILE STRENGTH AFTER AGING	>7.3MPA	158.0±1.0°C, 168HRS
ELONGATION	>200%	-
ELONGATION AFTER AGING	>100%	134°C 60 DAYS
LONGITUDINAL CHANGE	<±5%	-
RADIAL SHRINKING RATIO	>50%	-
FLAMMABILITY	VW-1	-
DIELECTRIC STRENGTH	>15KV/MM	-
VOLUME RESISTIVITY	10 <sup>14</sup> Ω-CM	-
CORROSION	NO CORROSION	-
COPPER STABILITY	>100%	-
CONCENTRICITY	>65%	-





## DIMENSIONS



PARTEX PART NUMBER*	AS SUPPLIED			AFTER RECOVERY			PACK QUANTITY	
	INSIDE DIAMETER (D)		WALL THICKNESS	INSIDE DIAMETER (d)		WALL THICKNESS	BULK PACK	MINI BOX
	mm	inch		mm	inch			
HS 212	≥1.2	3/64	0.20±0.08	≤0.6	3/128	0.33	150	20
HS 216	≥1.6	1/16	0.20±0.08	≤0.8	1/32	0.36	150	17
HS 224	≥2.4	3/32	0.20±0.09	≤1.0	3/64	0.44	150	15
HS 232	≥3.2	1/8	0.25±0.09	≤1.5	1/16	0.44	150	15
HS 248	≥4.8	3/16	0.25±0.09	≤2.0	3/32	0.44	75	12
HS 264	≥6.4	1/4	0.28±0.10	≤3.0	1/8	0.56	75	12
HS 295	≥9.5	3/8	0.30±0.12	≤4.5	3/16	0.56	75	8
HS 2127	≥12.7	1/2	0.30±0.12	≤6.0	1/4	0.56	50	8
HS 2191	≥19.1	3/4	0.38±0.15	≤10.0	3/8	0.77	50	5
HS 2254	≥25.4	1	0.42±0.15	≤12.5	1/2	0.77	30	5
HS 2381	≥38.1	1-1/2	0.50±0.15	≤21.0	3/4	0.87	30	N/A
HS 2508	≥50.8	2	0.50±0.15	≤27.0	1	0.97	30	N/A
HS 2762	≥76.2	3	0.70±0.30	≤38.1	1-1/2	1.40	15	N/A
HS 21016	≥101.6	4	0.70±0.30	≤50.8	2	1.40	15	N/A



## ARTICLE NUMBERS



1. To order a **Bulk Reel** use the part number above, followed by the colour eg:

## HS 295 Black

(75 metre reel of 9.5mm black heat shrink)



2. To order a **Mini Box** insert MB into the part number above, followed by the colour eg:

## HSMB 2127 Red

(8 metre box of 12.7mm red heat shrink)



## RELATED PRODUCTS



SELECTION KITS

▶ PAGE 98



HG2 - Hot air gun

▶ PAGE 60

HEAT SHRINK EU KIT



+ INFORMATION

- + High quality 2:1 ratio heat shrink tubing in a wide range of sizes
- + Assortment packs with a variety of colours, ready to use
- + Identical specification to our standard HS heat shrink range



+ ORDERING INFORMATION

PART REF	SIZE (mm)	CONTENTS
HS KIT1 3.2	3.2/1.6	Contains 3 X 250mm lengths of each colour*
HS KIT1 4.8	4.8/2.4	
HS KIT1 6.4	6.4/3.2	
HS KIT1 9.5	9.5/4.7	
HS KIT1 12.7	12.7/6.3	
HS KIT1 19.1	19.1/9.5	Contains 2 X 250mm lengths of each colour*
HS KIT1 25.4	25.4/12.7	
HS KIT1 38.1	38.1/19.0	

\* black, blue, grey, brown and earth.

+ RELATED PRODUCTS



HG2 - Hot air gun

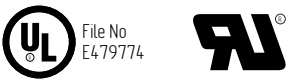
▶ PAGE 60





+ INFORMATION

- + High quality 2:1 ratio heat shrink tubing in a wide range of sizes
- + Assortment packs with a variety of colours, ready to use
- + Identical specification to our standard HS heat shrink range



+ ORDERING INFORMATION

PART REF	SIZE (mm)	CONTENTS
HS KIT2 3.2	3.2/1.6	Contains 2 X 250mm lengths of each colour*
HS KIT2 4.8	4.8/2.4	
HS KIT2 6.4	6.4/3.2	
HS KIT2 9.5	9.5/4.7	
HS KIT2 12.7	12.7/6.3	
HS KIT2 19.1	19.1/9.5	
HS KIT2 25.4	25.4/12.7	
HS KIT2 38.1	38.1/19.0	

\* red, yellow, green, black, blue, grey, brown, white, clear and earth.

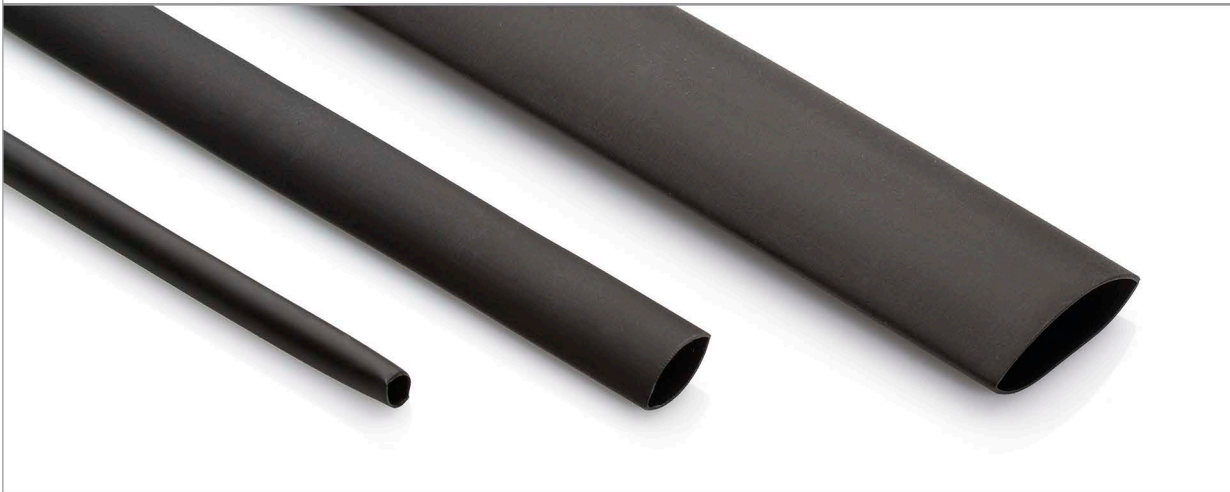
+ RELATED PRODUCTS



HG2 - Hot air gun

▶ PAGE 60

## HEAT SHRINK TUBING - ADHESIVE LINED 1.2 METRE LENGTHS



### INFORMATION

- + High quality 3:1 ratio dual wall adhesive lined heat shrink tubing
- + Supplied in convenient 1.2metre lengths
- + Flame retardant, zero halogen
- + Weatherproof and UV stable



### PROPERTIES

**Working Temperature Range**  
-55°C to +125°C

**Insulation Material**  
Cross-Linked Polyolefin (rated to 600V)

**Shrink Temperature**  
100°C

**Approvals**  
UL File number E479774  
Standard UL224 125°C

**Available Colours**  
Black only



File No  
E479774



### DATA

PROPERTY	DATA	PROPERTY	DATA
RADIAL SHRINKING RATIO(%)	≥50	ULTIMATE ELONGATION RATIO (%)	≥100
TENSILE STRENGTH (MPA)	≥10.4	LONGITUDINAL CHANGE (%)	≥10
VOLUME RESISTIVITY (Ω CM)	10 <sup>13</sup>	ULTIMATE ELONGATION RATIO (%)	≥200
FLAMMABILITY	VW 1	DIELECTRIC STRENGTH (KV/MM)	≥15
FLUID RESISTANCE	Excellent	WATER ABSORPTION (%)	<0.4
SOFTENING POINT	120± 5	COPPER CORROSION	NO CORROSION
AGING IN CIRCULATING AIR OVEN	158.0±1.0°C (168hrs)	TISSUE STRENGTH	>80
AFTER AGING TENSILE STRENGTH(MPA)	≥7.3	-	-



### RELATED PRODUCTS



**HG2 - Hot air gun**

PAGE 60



PARTEX PART REFERENCE	AS SUPPLIED				AFTER RECOVERY					
	INSIDE DIAMETER (D)		WALL THICKNESS (T)		INSIDE DIAMETER (d)		TOTAL WALL THICKNESS (t)		ADHESIVE WALL	
	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
HSDW-3-3	3	1/8	0.57	0.022	1	0.039	1.00±0.28	0.039±0.010	0.50	0.020
HSDW-3-4.8	4.8	3/16	0.57	0.022	1.5	0.059	1.00±0.28	0.039±0.010	0.50	0.020
HSDW-3-6	6	1/4	0.57	0.022	2	0.079	1.05±0.28	0.041±0.010	0.60	0.024
HSDW-3-9	9	3/8	0.64	0.025	3	0.118	1.40±0.28	0.055±0.010	0.61	0.024
HSDW-3-12	12	1/2	0.80	0.031	4	0.157	1.78±0.38	0.070±0.010	0.76	0.030
HSDW-3-19	19	3/4	0.93	0.036	6	0.236	2.25±0.55	0.088±0.020	0.76	0.030
HSDW-3-24	24	1	1.00	0.040	8	0.315	2.54±0.55	0.100±0.020	1.02	0.040
HSDW-3-39	39	1-1/2	1.00	0.040	13	0.512	2.54±0.55	0.100±0.020	1.02	0.040

Supplied in 1.2 metre lengths, only available in black.



# SUPAFLEX BRAIDED SLEEVING



## + INFORMATION

- + Supaflex braided sleeving is ideal for protecting and securing panel wiring
- + Easy to use and available in a wide range of sizes
- + Low smoke, zero halogen
- + Weatherproof and UV stable

## + PROPERTIES

**Working Temperature Range**  
-55°C to +150°C

**Material**  
Polyester

**Melting Point**  
230°C

**Approvals**  
Self-extinguishing to UL224 VW1

**Available Colours**  
Black or Grey (specify when ordering)

## + DIMENSIONS

PARTEX PART NUMBER	NOMINAL DIAMETER (mm)	SIZE RANGE (mm)		STANDARD PACK QTY (m)
		minimum	maximum	
SUP4	4	2	7	10, 100
SUP6	6	4	11	10, 100
SUP8	8	5	12	10, 100
SUP10	10	7	15	10, 100
SUP12	12	8	17	10, 100
SUP15	15	10	21	10, 100
SUP20	20	14	27	10, 100
SUP25	25	18	34	10, 100
SUP30	30	28	47	10, 100
SUP40	40	35	64	10, 100
SUP50	50	45	75	10, 100

For best results cut with a hot knife or soldering iron to seal the ends and prevent fraying.



## INFORMATION

- + Low cost spiral tubing for bundling wires and cables
- + Made from a highly flexible material which will follow any contour
- + Durable and re-useable, it will retain its spiral shape
- + Available in a wide range of sizes



## PROPERTIES

**Temperature Range**

-20°C to +70°C

**Standard colours**

Black and Natural

**Material**

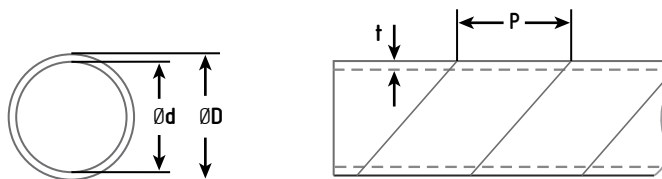
LDPE (Low Density Polyethylene)

**Packaging**

10metre bags



## DIMENSIONS



PARTEX PART NUMBER	WIDTH P (mm)	NOMINAL (mm)		WRAPPING RANGE (mm)
		D (mm)	d (mm)	
SW6	7.0	6.2	4.1	4-25
SW8	10.8	8.0	6.0	6-30
SW10	11.4	10.0	7.5	7.5-30
SW12	13.9	12.0	9.0	9-32
SW15	15.0	15.0	12.0	12-35
SW19	18.2	19.0	15.0	15-50

Please add suffix to part number N = Natural, B = Black.

## SPIRAL TUBING



### INFORMATION

- + Flexible spiral tube for fitting cables, conductors, tubes, wire bundles etc.
- + Excellent protection against mechanical wear.
- + Permits flexible connection between cabinet and door mounted units.
- + Also available in halogen free version (SPZ)



### PROPERTIES

**Temperature range**  
-30°C to +60°C

**Material**  
PVC

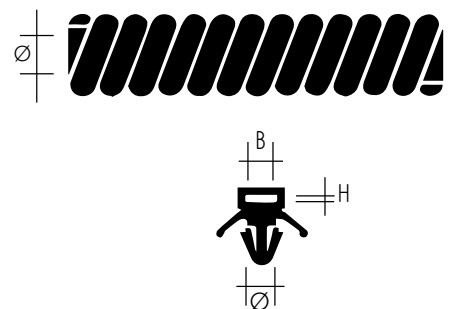
**Standard colour**  
grey, black

**Packaging**  
one metre lengths



### DIMENSIONS

TYPE	INTERNAL DIAMETER [mm]	OUTSIDE DIAMETER [mm]
SP-08	8	10
SP-10	10	13
SP-15	15	18.4
SP-20	20	24
SP-25	25	29
SP-30	30	34.6
SP-40	40	45
SP-50	50	55

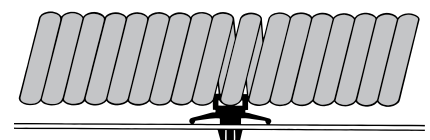


### MOUNTING

TYPE	MAX. THICKNESS PLATE	MOUNTING HOLE	PACKAGING
SPH-1	3.2 mm	6.2 mm	50 pcs.



### APPLICATION







## INFORMATION

- + High quality flame-retardant insulation tape
- + Extremely flexible with good adhesion
- + Available in a full range of colours



## PROPERTIES

**Storage Temperature**

Below 21°C at 50% R.H

**Material**

PVC, natural rubber adhesive

**Conforms to**

BS EN 60454-1, BS EN 60454-2 and BS EN 60454-3.1

**Packaging**

pack of 10

**Available Colours**

Black, Red, Yellow, Blue, Green, White, Grey, Brown and Earth (Green/Yellow)



## PROPERTY

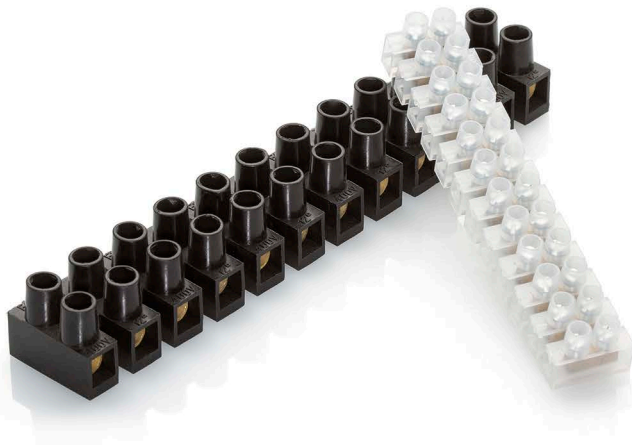
PROPERTY	VALUE	TEST METHOD
TOTAL THICKNESS	0.15mm	GB7125-1999
ELONGATION	≥160%	GB7753-1987
PEEL ADHESION	≥1.5N/cm	GB2792-1998
TENSILE STRENGTH	≥20N/cm	GB7753-1987
FLAMMABILITY	<10 seconds	UL510
VOLTAGE BREAKDOWN	7Kv	GBT4850-2002
APPLICATION TEMP	≥80°C	GBT7752-1987



## ORDERING INFORMATION

PART NUMBER	REEL LENGTH (METRES)	TAPE WIDTH (mm)
IT1 *	20	19
IT2 *	33	19

\* specify colour when ordering: Black, Red, Yellow, Blue, Green, White, Grey, Brown and Earth (Green/Yellow)



## INFORMATION

- A simple and cost effective method for connecting cables
- Durable and flexible Polyethylene insulation
- Twelve pole strip connector, which can easily be cut to required size
- Available in a range of sizes



## PROPERTIES

**Maximum Temperature**  
80°C

### Material

Block: Polyethylene (PE)  
Inserts: Brass  
Captive Screws: Galvanised Steel

### Packaging

Packs of 10 or 100

### Available Colours

Black and Natural



## DIMENSIONS

PART NUMBER	MAX CABLE SIZE		RATED VOLTAGE	L	DIMENSIONS (mm)	
	SOLID	STRANDED			W	H
TB POLY 3	4 mm <sup>2</sup>	2.5 mm <sup>2</sup>	380 V	93	17	14
TB POLY 5	6 mm <sup>2</sup>	4 mm <sup>2</sup>	380 V	114	19	16
TB POLY 15	10 mm <sup>2</sup>	6 mm <sup>2</sup>	400 V	138	23	19
TB POLY 30	16 mm <sup>2</sup>	10 mm <sup>2</sup>	400 V	165	26	20
TB POLY 60	25 mm <sup>2</sup>	16 mm <sup>2</sup>	400V	186	30	26

Available in either Black or Natural, specify when ordering





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