



Heatshrink and cable repair solutions

A premium selection of cable repair solutions incorporating insulated sleeving, heatshrink sleeving, cable jointing and heatshrink repair solutions including heatshrink kits, packs, repair sleeves, end caps and breakout boots.

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BVP Birch Valley Plastics



Birch Valley Plastics was formed in 1983, and is at the forefront of heat shrinkable and insulated tubing manufacturing, operating from a modern purpose built 20,000 sq.ft premises in Plymouth. The company was acquired by Cablecraft in 2014.

Birch Valley Plastics is the only UK manufacturer of heat shrinkable sleeving. The company is well known for producing a wide range of insulating and heat resistant sleeving in a variety of materials, including PVC, Nylon, Polythene, Elastomers, PTFE, EVA, Polypropylene and thermoplastic rubbers.

We also manufacture spiral binding in several different materials as well as panel edge beadings and grommet strip.

The industries we serve

Electrical/electronic manufacturing;
mechanical/industrial engineering.

Why choose Birch Valley Plastics?

Well known for its technical expertise, BVP specialises in producing insulating and heat resistant sleeveings in a variety of materials. We are happy to quote for manufacturing custom-made items.



Our product range

Insulated sleeving

- Heat resistant sleeving
- PVC sleeving
- Specialised sleeveings

Heat resistant coated sleeving is used in Motor Transformer applications, offering abrasion and high temperature performance.

Cable protection & accessories

- Grommet strips
- Spiral bindings

Heatshrink sleeving

- Polyolefin
- PVC



Birch Valley Plastics heat shrinkable sleeving offers a cost-effective solution, covering all temperature ranges.

PVC heatshrink (105°C) or Polyolefin (up to 135°C) halogen-free, flame retardant materials are available, including commercial grades, which meet military specification.

For custom made items
contact us:



01752 696515
info@birchvalley.co.uk



Birch Valley Plastics PVC heatshrink sleeving

HST PVC sleeving is specially formulated to give high quality and value for money. Rated at 105°C, heat stabilized, it has good flame retardancy and meets the general requirements of UL224. Supplied in coils.

Green/yellow PVC heatshrink sleeving - Coils



SPECIFICATIONS

Material PVC
Colour Green/yellow
Operating temperature -30°C to +105°C. Store away from direct sunlight and below 25°C.
Shrink temperature 135°C
Shrink ratio 2:1
Elongation at break 220%
Tensile strength 19 MPa
Flammability Self-extinguishing
 Generally meets UL224 UV1, RoHS 2, UV resistant to blue wool 7/8.

Sizes 3.2 to 9.5mm are blown, giving a round profile, and sizes 12.7 to 38.1 are flat.



Green/yellow PVC heatshrink sleeving Coils

Part number	Min. supplied diameter (mm)	Min. supplied diameter (inches)	Recovered diameter (mm)	Nom. recovered wall (mm)	MOQ (m)
HST 32 GREEN/YELLOW	3.2	1/8	1.6	0.45	1000
HST 48 GREEN/YELLOW	4.8	3/16	2.4	0.50	1000
HST 64 GREEN/YELLOW	6.4	1/4	3.2	0.60	1000
HST 95 GREEN/YELLOW	9.5	3/8	4.8	0.60	1000
HST 127 GREEN/YELLOW	12.7	1/2	6.4	0.65	500
HST 160 GREEN/YELLOW	16.0	5/8	8.0	0.80	500
HST190 GREEN/YELLOW	19.0	3/4	9.5	0.80	300
HST 254 GREEN/YELLOW	25.4	1	12.7	1.00	250
HST 320 GREEN/YELLOW	32.0	1 1/4	16.0	1.00	200
HST 381 GREEN/YELLOW	38.1	1 1/2	19.0	1.00	200

Coloured PVC heatshrink sleeving - Coils



SPECIFICATIONS

Material PVC
Operating temperature -30°C to +105°C
Shrink temperature +135°C
Shrink ratio 2:1
Elongation at break 220%
Tensile strength 19 MPa
Flammability Self-extinguishing
 Generally meets UL224 UV1, RoHS 2, UV resistant to blue wool 7/8.



COLOUR OPTIONS

BLACK	BLUE	BROWN
YELLOW	GREY	RED
GREEN	WHITE	

HOW TO ORDER

Part no.	Colour	Final part number
HST 254	GREEN	HST 254 GREEN



Sizes 2.4 to 9.5mm are blown, giving a round profile, and sizes 12.7 to 102.0 are flat.

Coloured PVC heatshrink sleeving Coils

Part number	Min. supplied diameter (mm)	Min. supplied diameter (inches)	Recovered diameter (mm)	Nom. recovered wall (mm)	MOQ (m)
HST 24 (COLOUR)	2.4	3/32	1.2	0.40	1000
HST 32 (COLOUR)	3.2	1/8	1.6	0.45	1000
HST 48 (COLOUR)	4.8	3/16	2.4	0.50	1000
HST 64 (COLOUR)	6.4	1/4	3.2	0.60	1000
HST 95 (COLOUR)	9.5	3/8	4.8	0.60	500
HST 127 (COLOUR)	12.7	1/2	6.4	0.65	500
HST 160 (COLOUR)	16.0	5/8	8.0	0.80	500
HST190 (COLOUR)	19.0	3/4	9.5	0.80	300
HST 254 (COLOUR)	25.4	1	12.7	1.00	250
HST 320 (COLOUR)	32.0	1 1/4	16.0	1.00	200
HST 381 (COLOUR)	38.1	1 1/2	19.0	1.00	200
HST 510 (COLOUR)	50.8	2	25.5	1.00	200
HST 762 (COLOUR)	76.0	3	38.1	1.00	200
HST 1016 (COLOUR)	102.0	4	51.0	1.30	200



CABLECRAFT SIZING GUIDES

Guide for selecting heatshrink sizes



Heatshrink sizing and application chart

Ordering size (inches)	Shrink ratio	EXPANDED MINIMUM ID		RECOVERED MAXIMUM ID	
		Imperial (inches)	Metric (mm)	Imperial (inches)	Metric (mm)
3/64	2:1	0.046	1.17	0.023	0.058
1/16	2:1	0.063	1.60	0.031	0.079
3/32	2:1	0.093	2.36	0.046	1.17
1/8	2:1	0.125	3.18	0.062	1.57
3/16	2:1	0.187	4.75	0.093	2.36
1/4	2:1	0.250	6.35	0.125	3.18
3/8	2:1	0.375	9.53	0.187	4.75
1/2	2:1	0.500	12.70	0.250	6.35
3/4	2:1	0.750	19.05	0.375	9.53
1	2:1	1.00	25.40	0.500	12.70
1-1/2	2:1	1.50	38.10	0.750	19.05
2	2:1	2.00	50.80	1.00	25.40
3	2:1	3.00	76.20	1.50	38.10
4	2:1	4.00	101.60	2.00	50.80

Guide for selecting heatshrink for copper bar



Recommended heatshrink for copper bar Imperial and metric sizes

IMPERIAL		METRIC		Recommended heatshrink size
Copper bar size (inches)	Copper bar size inches)	Circumference (mm)	Diameter (mm)	
1/4 x 1/4	2	50.8	16.18	19.1
7/8 x 1/4	2 1/4	57.15	18.20	
1 x 1/8	2 1/4	57.15	18.20	
1 x 1/4	2 1/2	63.5	20.22	
1 1/4 x 1/4	3	76.2	24.27	38.1
1 1/2 x 1/4	3 1/2	88.9	28.31	
1 1/2 x 1/2	4	101.6	32.36	
1 3/4 x 1/4	4	101.6	32.36	
2 x 1/4	4 1/4	114.3	36.40	50.8
2 x 1/2	5	127.0	40.44	
2 1/2 x 1/4	5 1/2	139.7	44.49	
3 x 1/4	6 1/2	165.1	52.58	
3 x 1/2	7	177.8	56.55	76.2
3 1/2 x 1/4	7 1/2	190.5	60.67	
3 1/2 x 1/2	8	203.2	64.71	
4 x 1/4	8 1/2	215.9	68.76	
4 x 1/2	9	228.6	72.80	101.6
4 1/2 x 1/4	9 1/2	241.3	76.85	
4 1/2 x 1/2	10	254.0	80.89	
5 x 1/4	10 1/2	266.7	84.94	
5 x 1/2	11	279.4	88.98	

Heatshrink sleeving Features and services

Heatshrink tubing is a mechanically expanded extruded plastic tube ordinarily made of PVC or Polyolefin, which shrinks in one plane only (diameter) when heated, to between one-half and one-sixth of its diameter.

Heatshrink application

Heatshrink sleeving is available in various shrink ratios, depending on the type of connection needed. Using composites of polyolefin or fluoropolymer it serves a multitude of uses in military/defence cabling, automotive cabling and electrical engineering.

Unshrunk heatshrink tubing is fitted onto the wire before making the connection, and slid down to cover the joint after it is made. The tubing is then shrunk to wrap tightly around the joint by heating it using a heat gun.

Heatshrink benefits

- Offers a protective sealant
- Good insulation
- Easy identification
- Provides grip & strain relief

We are happy to quote for manufacturing custom-made items.

For more information contact: technical@cablecraft.co.uk



Heatshrink and cable repair solutions

Heatshrink and cable repair solutions



Easi-Shrink low shrink temperature heatshrink sleeving – 2:1 and 3:1 ratios

Easi-Shrink LPO is a very flexible 2:1 thin wall irradiated polyolefin sleeving that can be shrunk at low temperature. It is particularly useful if a heat gun is not available as it can be partially shrunk in hot water/steam. LPO can be compounded in special colours making it widely used in the fishing industry where special tints may be required.

SPECIFICATIONS

- Material** Polyolefin
- Colour** Clear (other colours available to order)
- Operating temperature** -55°C to +120°C
- Dielectric strength** 20 kV/mm
- Shrink temperature** +90°C
- Shrink ratio options** 2:1 or 3:1
- Elongation at break** +400%
- Longitudinal change** +5/-10% max
- Tensile strength** 20 MPa7
- Specification** RoHS 2 compliant



Easi-Shrink LPO clear Reels

Part number	Diameter (mm)	Min ID supplied (mm)	Nominal recovered ID (mm)	Recovered wall thickness (mm)	Reel size (m)	MOQ (m)
3:1 RATIO						
LPO 1.5/0.5	1.5	1.5	0.5	0.45	300	1000
LPO 1.8/0.6	1.8	1.8	0.6	0.45	300	1000
LPO 2.4/0.8	2.4	2.4	0.8	0.45	300	1000
LPO 3/1	3.0	3.0	1.0	0.55	150	1000
LPO 4.5/1.5	4.5	4.5	1.5	0.55	150	1000
2:1 RATIO						
LPO 12	1.2	1.2	0.6	0.45	300	1000
LPO 16	1.6	1.6	0.8	0.45	300	1000
LPO 24	2.4	2.4	1.2	0.45	300	1000
LPO 32	3.2	3.2	1.6	0.55	150	1000
LPO 48	4.8	4.8	2.4	0.55	150	1000

AVAILABLE IN CUT PIECES • SIZES 6/2, 9/3, 12/4, 18/6, 24/8 ALSO AVAILABLE



Easi-Shrink HS heatshrink sleeving – 2:1 ratio



Easi-Shrink HS is a high specification, flame retardant, irradiated, flexible, polyolefin sleeving offering excellent electrical, chemical and physical properties. Ideal for insulation, wire bundling and mechanical protection. Also available in 3:1 shrink ratio - please contact us.

SPECIFICATIONS

- Material** Polyolefin
- Operating temperature** -40°C to +135°C
- Dielectric strength** 20 MV/m
- Shrink temperature** <120°C
- Thermal heat ageing** 168 hours-150°C, 4 hours-200°C
- Installation temperature** 120°C
- Longitudinal change** 5% to 10%
- Flammability** Flame retardant, self-extinguishing
- Chemical resistance** 23°C for 24 hours for petrol, H-515 hydraulic fluid, 0-148 lubricating oil
- Generally meets UL224 VW1, RoHS 2, AMS-DTL-23053/5 Cl 1&2, CSA 066150. UV resistant to blue wool 7/8. UL approved versions available to order.



COLOUR OPTIONS

BLACK	BLUE	BROWN	GREEN	YELLOW	GREY
CLEAR	RED	VIOLET	WHITE	YELLOW	

HOW TO ORDER	Part number	Colour	Final part number
e.g:	HS 3.2	RED	HS 3.2 RED

SUPPLIED BY THE METRE (MINIMUM ORDER OF 1 METRE) OR AS A WHOLE COIL

Easi-Shrink HS coloured Coils

2:1 RATIO	Dia. (mm)	Fits tri-rated cable (mm ²)	Lay flat width (approx.) (mm)	Min ID supplied (mm)	Max recovered ID (mm)	Rec. wall thickness (mm)	Coil length (m)	Min. order quantity
HS 1.2 (COLOUR)	1.2	-	N/A	1.2	0.6	0.45	150	1
HS 1.6 (COLOUR)	1.6	-	N/A	1.6	0.8	0.45	150	1
HS 2.4 (COLOUR)	2.4	-	N/A	2.4	1.2	0.50	150	1
HS 3.2 (COLOUR)	3.2	0.5/0.75	6	3.2	1.6	0.50	150	1
HS 4.8 (COLOUR)	4.8	0.75/1/1.5/2.5	8	4.8	2.4	0.50	75	1
HS 6.4 (COLOUR)	6.4	2.5/4/6	10	6.4	3.2	0.65	75	1
HS 9.5 (COLOUR)	9.5	6/10	15	9.5	4.7	0.65	75	1
HS 12.7 (COLOUR)	12.7	10/16/25	20	12.7	6.4	0.65	75	1
HS 19.1 (COLOUR)	19.1	35/50/70	30	19.1	9.5	0.75	30	1
HS 25.4 (COLOUR)	25.4	95/120	40	25.4	12.7	0.90	30	1
HS 38.1 (COLOUR)	38.1	150/185/240	60	38.1	19.1	1.15	30	1
HS 50.8 (COLOUR)	50.8	300/400/500	80	50.8	25.4	1.15	30	1
HS 76.2 (COLOUR)	76.2	630/800	120	76.2	38.1	1.40	25	1
HS 101.6 (COLOUR)	101.6	-	160	101.6	50.8	1.40	25	1



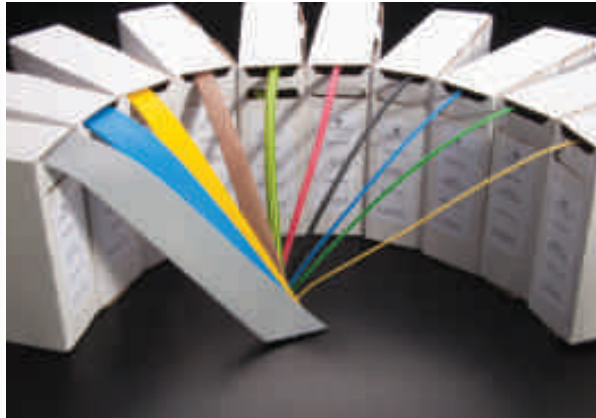
Easi-Shrink HS heatshrink sleeving in boxes – 2:1 ratio



Easi-Shrink HS is a high specification, flame retardant, irradiated, flexible, polyolefin sleeving offering excellent electrical, chemical and physical properties. Ideal for insulation, wire bundling and mechanical protection. Available in a wide variety of sizes and colours. Our range of heat shrinkable sleeving is conveniently packaged in boxes, in 10 sizes, from 1.2 to 25.4mm.

SPECIFICATIONS

Material Polyolefin
Operating temperature -40°C to +135°C
Dielectric strength 20 MV/m
Shrink temperature <120°C
Thermal heat ageing 168 hours-150°, 4 hours-200°C
Installation temperature +120°C
Longitudinal change 5% to 10%
Flammability Flame retardant. Self-extinguishing
Chemical resistance 23°C for 24 hours for petrol, H-515 hydraulic fluid, 0-148 lubricating oil
 Generally meets UL224 VW1, RoHS 2, AMS-DTL-23053/5 Cl 1&2, CSA 066150.



COLOUR OPTIONS



HOW TO ORDER	Part number	Colour	Final part number
e.g:	ESB 3.2	CLEAR	ESB 3.2 CLEAR

Easi-Shrink HS Boxes							
2:1 RATIO	Diameter (mm)	Fits tri-rated cable (mm ²)	Lay flat width (approx. mm)	Min ID supplied (mm)	Max recovered ID (mm)	Rec. wall thickness (mm)	Box qty (m)
ESB 1.2 (COLOUR)	1.2	-	N/A	1.2	0.6	0.45	15
ESB 1.6 (COLOUR)	1.6	-	N/A	1.6	0.8	0.45	15
ESB 2.4 (COLOUR)	2.4	-	N/A	2.4	1.2	0.50	15
ESB 3.2 (COLOUR)	3.2	0.5/0.75	6	3.2	1.6	0.50	15
ESB 4.8 (COLOUR)	4.8	0.75/1/1.5/2.5	8	4.8	2.4	0.50	10
ESB 6.4 (COLOUR)	6.4	2.5/4/6	10	6.4	3.2	0.65	10
ESB 9.5 (COLOUR)	9.5	6/10	15	9.5	4.7	0.65	10
ESB 12.7 (COLOUR)	12.7	10/16/25	20	12.7	6.4	0.65	8
ESB 19.1 (COLOUR)	19.1	35/50/70	30	19.1	9.5	0.75	5
ESB 25.4 (COLOUR)	25.4	95/120	40	25.4	12.7	0.90	3

Easi-Shrink halogen-free heatshrink sleeving – 2:1 ratio



Zero-halogen heatshrink sleeving is a thin wall, non-halogen, flame retardant, heat shrinkable tubing. It has been specially developed for railway, transportation, marine, offshore and construction markets. Common applications include insulation, marking, strain relief, mechanical protection and colour coding. Low smoke, low toxicity and halogen-free.



COLOUR OPTIONS



HOW TO ORDER	Part number	Colour	Final part number
e.g:	ZH-HS 12.7	GREEN	ZH-HS 12.7 GREEN

SPECIFICATIONS

Material Halogen-free polyolefin
Installation temperature +120°C
Longitudinal change 5% to 10%
Dielectric strength 15 kV/mm Min.
Thermal heat ageing 168 hours: +135°C, 4 hours: +175°C. Low temperature flexibility: 4 hours at -30°C
Chemical resistance 23°C for 24 hours for aircraft fuel, ISO1817, Test B, hydraulic fluid, ISO1817, Test B, silicone synthetic fluid NATO S1714
Standards LUL approved: cert. 2278.
 Generally meets UL224 VW1, RoHS 2. UL rated to blue wool scale 7/8.

SUPPLIED BY THE METRE (MINIMUM ORDER OF 1 METRE) OR AS A WHOLE COIL

Easi-Shrink halogen-free Coils

2:1 RATIO	Dia. size (mm)	Fits tri-rated cable (mm ²)	Min ID supplied (mm)	Max recovered ID (mm)	Recovered wall thickness (mm)	Coil length (m)	Min. qty (m)
ZH-HS 1.2 (COLOUR)	1.2	-	1.2	0.6	0.45	150	1
ZH-HS 1.6 (COLOUR)	1.6	-	1.6	0.8	0.45	150	1
ZH-HS 2.4 (COLOUR)	2.4	-	2.4	1.2	0.50	150	1
ZH-HS 3.2 (COLOUR)	3.2	0.5/0.75	3.2	1.6	0.50	150	1
ZH-HS 4.8 (COLOUR)	4.8	0.75/1/1.5/2.5	4.8	2.4	0.50	150	1
ZH-HS 6.4 (COLOUR)	6.4	2.5/4/6	6.4	3.2	0.65	75	1
ZH-HS 9.5 (COLOUR)	9.5	6/10	9.5	4.7	0.65	75	1
ZH-HS 12.7 (COLOUR)	12.7	10/16/25	12.7	6.4	0.65	75	1
ZH-HS 19.1 (COLOUR)	19.1	35/50/70	19.1	9.5	0.75	30	1
ZH-HS 25.4 (COLOUR)	25.4	95/120	25.4	12.7	0.90	30	1
ZH-HS 38.1 (COLOUR)	38.1	150/185/240	38.0	19.0	1.00	30	1
ZH-HS 50.8 (COLOUR)	50.8	-	51.0	25.4	1.15	30	1



Easi-Shrink halogen-free heatshrink sleeving in boxes – 2:1 ratio

Zero-Halogen heatshrink sleeving is a thin wall, non-halogen, flame retardant, heat shrinkable tubing. It has been specially developed for railway, transportation, marine, offshore and construction markets. Common applications include insulation, marking, strain relief, mechanical protection and colour coding. Low smoke, low toxicity and halogen-free. Our range of heat shrinkable sleeving is supplied in conveniently packaged boxes in 9 different sizes. With a shrink ratio of 2:1, the range is suitable for bore sizes of 1.6mm to 25.4mm.

SPECIFICATIONS

- Material** Halogen-free polyolefin
- Installation temperature** 120°C
- Longitudinal change** 5% to 10%
- Dielectric strength** 15 kV/mm Min.
- Thermal heat ageing** 168 hours: +135°C, 4 hours: +175°C. Low temperature flexibility: 4 hours at -30°C
- Chemical resistance** 23°C for 24 hours for aircraft fuel, ISO1817, Test B, hydraulic fluid, ISO1817, Test B, silicone synthetic fluid NATO S1714
- Standards** LUL approved: cert. 2278
- Generally meets UL224 VW1, RoHS 2. UV resistant to blue wool scale 7/8.



COLOUR OPTIONS



HOW TO ORDER	Part number	Colour	Final part number
e.g:	ZH-ESB 12.7	CLEAR	ZH-ESB 12.7 CLEAR

Easi-Shrink halogen-free Boxes

2:1 RATIO	Dia. size (mm)	Lay flat width (approx. mm)	Fits tri-rated cable (mm ²)	Min ID supplied (mm)	Max recovered ID (mm)	Recovered wall thickness (mm)	Box length (m)
ZH-ESB1.6 (COLOUR)	1.6	N/A	-	1.6	0.8	0.43	15
ZH-ESB2.4 (COLOUR)	2.4	N/A	-	2.4	1.2	0.51	15
ZH-ESB3.2 (COLOUR)	3.2	6	0.5/0.75	3.2	1.6	0.51	15
ZH-ESB4.8 (COLOUR)	4.8	8	0.75/1/1.5/2.5	4.8	2.4	0.51	10
ZH-ESB6.4 (COLOUR)	6.4	10	2.5/4/6	6.4	3.2	0.65	10
ZH-ESB9.5 (COLOUR)	9.5	15	6/10	9.5	4.7	0.65	10
ZH-ESB12.7 (COLOUR)	12.7	20	10/16/25	12.7	6.4	0.65	8
ZH-ESB19.1 (COLOUR)	19.1	30	35/50/70	19.1	9.5	0.77	5
ZH-ESB25.4 (COLOUR)	25.4	40	95/120	25.4	12.7	0.89	3

Busbar heatshrink sleeving and accessories

Heat shrinkable busbar sleeving is used to insulate copper and aluminium busbar, preventing flashovers and accidentally induced charge. The sleeves are made from thermally stabilized, cross linked, non-tracking and weather resistant polymeric material. It has a normal shrink ratio of 3:1 and an unlimited shelf life, when stored at normal warehouse temperatures. See p.544 for size buying guide.

Busbar heatshrink sleeving - 11kV

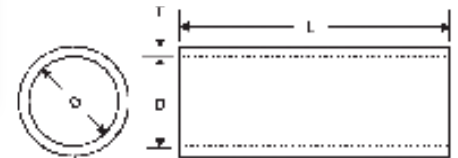
Heat shrinkable busbar sleeving is used to insulate copper and aluminium busbars up to either 11kV or 33kV. Available in 15 or 30m reels*, depending on size.



SPECIFICATIONS

- Material** Polymeric material
- Colour** Brick red
- Operating temperature** -40°C to +200°C
- Heatshrink temperature** +120°C
- Elongation at break** 200%
- Tensile strength** 7 N/sq mm
- Flammability** Self-extinguishing. ASTM-2671-B
- Chemical resistance** NaOH (4%), H2SO4, Toluene, Acetone for 24 hrs room temperature. Good.

* Custom sizes available on request, minimum order quantities apply.



Busbar heatshrink sleeving 11kV Reels

Part number	Min internal diameter D (mm)	Max recovered internal diameter (mm)	Thickness T (mm)	Reel length (m)*
HST11KV15	15	6	2.50	25
HST11KV20	20	8	2.50	25
HST11KV25	25	10	2.50	25
HST11KV30	30	12	2.50	25
HST11KV40	40	16	2.50	25
HST11KV50	50	20	2.80	25
HST11KV60	60	24	2.80	25
HST11KV70	70	28	2.80	25
HST11KV80	80	32	2.80	25
HST11KV100	100	40	2.80	25
HST11KV120	120	48	2.80	25

SEE NEXT PAGE FOR 33KV SLEEVING >



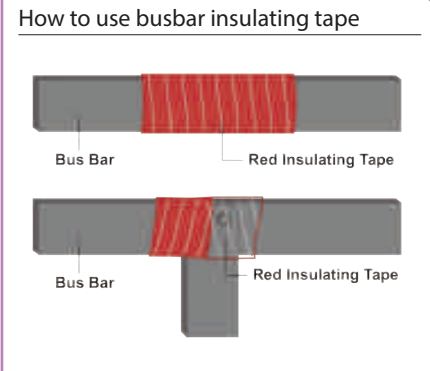
Busbar heatshrink sleeving - 33kV

Busbar heatshrink sleeving 33kV Reels				
Part number	Min. internal diameter D (mm)	Max. recovered internal diameter D (mm)	Thickness T (mm)	Reel length (m)*
HST33KV15	15	6	4.00	25
HST33KV20	20	8	4.00	25
HST33KV25	25	10	4.00	25
HST33KV30	30	12	4.00	25
HST33KV40	40	16	4.00	25
HST33KV50	50	20	4.00	25
HST33KV60	60	24	4.00	25
HST33KV70	70	28	4.00	25
HST33KV80	80	32	4.00	25
HST33KV100	100	40	4.00	25
HST33KV120	120	48	4.00	25

Busbar insulating tape

Busbar insulating tape is used to insulate copper and aluminium busbar up to 24kV. The dual layer tape combines an outer insulation with an inner hot melt adhesive. This provides electrical insulation protection over complex geometric shaped busbar sections, where sleeving cannot easily be applied. Extremely flexible and easy to install.

SPECIFICATIONS	
Material	Composite dual layer
Elongation at break	200%
Tensile strength	6 N/sq mm
Dielectric strength	10 kV/min (min)



Busbar insulating tape			
Part number	Width (mm)	Wall thickness (mm)	Coil length (mm)
BUS-TAPE 1	25	1.0	10
BUS-TAPE 2	50	1.0	10
BUS-TAPE 3	100	1.0	10

Specialist heatshrink tubing and heatshrink kits

DR-25 Heatshrink tubing – 2:1 ratio

DR-25 heat shrinkable tubing is made from a flexible radiation cross-linked elastomeric material, specially formulated for optimum resistance to fluids at high temperature and long term exposure to heat. Ideally suited for protecting high performance wiring harnesses against aviation fuels, diesel fuel, hydraulic fluids and lubricating oils. It has a 2:1 shrink ratio, excellent chemical and solvent resistance, abrasion and mechanical protection.

SPECIFICATIONS

Material
Flexible cross-linked elastomeric

Colour
Black

Operating temperature
-75°C to +150°C

Shrink temperature
+175°C

Specifications
MIL-DTL-23053/16 (except 1/8 & 3/16);
Def Stan 59-97 Issue 3 Type 6B;
VG 95343 Part 5 Type D,
BS 3G-198 Part 3 10A,
RK-8006 & RT-1116.



SUPPLIED BY THE METRE (MINIMUM ORDER OF 1 METRE) OR AS A WHOLE COIL

DR-25 heatshrink tubing Reels						
Part number	Colour	Size (mm)	Fully recovered inside dia. (mm)	Recovered wall thickness (mm)	Reel size (m)	Min. qty (m)
DR25-HS 3.2 BLK	Black	3.2	1.6	0.76	50	1
DR25-HS 4.8 BLK	Black	4.8	2.4	0.84	50	1
DR25-HS 6.4 BLK	Black	6.4	3.2	0.89	50	1
DR25-HS 9.5 BLK	Black	9.5	4.8	1.02	50	1
DR25-HS 12.7 BLK	Black	12.7	6.4	1.22	50	1
DR25-HS 19.0 BLK	Black	19.0	9.5	1.45	50	1
DR25-HS 25.4 BLK	Black	25.4	12.7	1.78	50	1



Kynar high temperature heatshrink sleeving – 2:1 ratio

Kynar heat shrinkable polyvinylidene fluoride sleeving is a thin wall material that has an appreciably higher working temperature than the standard heat shrinkable polyolefin materials. It has a high tensile strength and good resistance to chemicals and solvents. Its uses include strain relief, abrasion resistance and a tough protector. Ideal for use in hostile environments.

SPECIFICATIONS

- Material**
Polyvinylidene fluoride. Highly flame retardant and able to withstand abrasion and cut-through.
- Operating temperature**
-55°C to +175°C
- Shrink temperature** +175°C
- Shrink ratio** 2:1
- Dielectric strength** 32kV/mm IEC 243
- Tensile strength** 35 N/mm² ISO 37
- Elongation at break** 150% ISO 37
- Longitudinal change** 10% Max ASTM D2671
- Low temperature flex** -55°C ASTM D2671
- Heat shock 4H No cracking** 300°C ASTM D2671
- Flammability** Flame retardant UL224 VW1
- Standards**
Flame retardant UL224 VW1/CSA,
Def Stan 59/57 Type 3, MIL-1-23053/8,
VG 95343 Part 5 Type F,
VDE 0341/PT 9005; RoHS 2



SUPPLIED IN 1.2 METRE LENGTHS AS STANDARD. BESPOKE LENGTHS AVAILABLE – PLEASE CONTACT US

Kynar heatshrink sleeving Lengths

Part number	Colour	Inside diameter (inches)	Inside diameter (mm)	Fully recovered inside dia. (mm)	Recovered wall thickness (mm)	Length (m)
KYN-HS 1.2	Clear	3/64	1.2	0.6	0.25	1.2
KYN-HS 1.6	Clear	1/16	1.6	0.8	0.25	1.2
KYN-HS 2.4	Clear	3/32	2.4	1.2	0.27	1.2
KYN-HS 3.2	Clear	1/8	3.2	1.6	0.27	1.2
KYN-HS 4.8	Clear	3/16	4.8	2.4	0.27	1.2
KYN-HS 6.4	Clear	1/4	6.4	3.2	0.33	1.2
KYN-HS 9.5	Clear	3/8	9.5	4.8	0.33	1.2
KYN-HS 12.7	Clear	1/2	12.7	6.4	0.33	1.2
KYN-HS 19.1	Clear	3/4	19.0	9.5	0.43	1.2
KYN-HS 25.4	Clear	1"	25.4	12.7	0.48	1.2

Heatshrink kits

Heatshrink kits are available in a handy portable size. The sleeving is UL approved and RoHS 2 compliant.



HSKM1

Our most popular kit, ideal for electrical contractors. This kit includes 73 x 100mm pieces in EU colours. All supplied in a handy plastic tray. UL approved, flame retardant.

Kit contents

- 13.0/6.5mm x 100mm: 10 Pieces = 2x Black, Blue, Brown, Grey & White
- 10.0/5.0mm x 100mm: 10 Pieces = 2x Black, Blue, Brown, Grey & White
- 6.0/3.0mm x 100mm: 8 Pieces = 2x Black, Blue, Brown & Grey
- 5.0/2.5mm x 100mm: 10 Pieces = 2x Black, Blue, Brown, Grey & Green/Yellow
- 3.0/1.5mm x 100mm: 15 Pieces = 3x Black, Brown, Grey & Green/Yellow, 6x Blue
- 2.5/1.25mm x 100mm: 20 Pieces = 4x Black, Blue, Brown, Grey & Green/Yellow

Part number	Description
HSKM1	Heatshrink kit with 2:1 shrink ratio

HSKM2

Our adhesive lined heatshrink kit contains 35 x 100mm pieces in black & red. Designed to protect electrical and mechanical components against moisture and water. Supplied in a handy plastic tray.

Kit contents

- 3/1mm x 100mm: 18 Pieces = 14x Black & 4x Red
- 6/2mm x 100mm: 9 Pieces = 6x Black & 3x Red
- 9/3mm x 100mm: 4 Pieces = 3x Black & 1x Red
- 12/4mm x 100mm: 2 Pieces = 1x Black & 1x Red
- 19/6mm x 100mm: 1x Black
- 19/6mm x 100mm: 1x Red

Part number	Description
HSKM2	Heatshrink kit with 3:1 shrink ratio

HSKM3

Our multi-colour heatshrink kit is ideal for general use. Contains 75 pieces x 100mm long in black, red, yellow, blue and green. All supplied in a handy plastic tray. Flame retardant, 2:1 shrink ratio.

Kit contents

- 10.0/5.0mm x 100mm: 10 Pieces = 2x Black, Red, Yellow, Blue & Green
- 6.0/3.0mm x 100mm: 5 Pieces = 1x Black, Red, Yellow, Blue & Green
- 5.0/2.5mm x 100mm: 10 Pieces = 2x Black, Red, Yellow, Blue & Green
- 3.0/1.5mm x 100mm: 15 Pieces = 3x Black, Red, Yellow, Blue & Green
- 2.5/1.25mm x 100mm: 15 Pieces = 3x Black, Red, Yellow, Blue & Green
- 1.5/0.75mm x 100mm: 20 Pieces = 4x Black, Red, Yellow, Blue & Green

Part number	Description
HSKM3	Heatshrink kit with 2:1 shrink ratio



Adhesive lined heatshrink

Adhesive lined heatshrink 3:1 – Thin wall



Comprising of a dual wall flexible flame retardant polyolefin tubing and an inner liner of hot melt adhesive, this tubing is ideal for waterproof sealing and encapsulation of harnesses and other electrical components. Its high shrink ratio of 3:1 makes for an extremely easy installation.



SPECIFICATIONS

- Material** Flame retardant polyolefin
- Installation temperature** +110°C
- Longitudinal change** 0% to 15%
- Dielectric strength** 2kV/mm minimum
- Thermal heat ageing**
168 hours at +150°C, 4 hours at +225°C.
Low temperature flexibility: 4 hours at -55°C
- Flame retardancy**
Rated at 600V, it meets the VWI flame retardancy test in accordance with UL 224.
- Flammability** Fire hazard duration of burning 60s max. to ASTM D2671 (jacket only, not including clear colour option).
- Chemical resistance**
Fluid resistance at 23°C for 24 hours for the following fluids: F-54 diesel fluid, H-515 hydraulic fluid, 0-149 lubricating oil.

COLOUR OPTIONS



HOW TO ORDER

Part no.	Colour	Final part number
HSAL 12/4	RED	HSAL 12/4 RED

Thin wall 3:1 ratio 1.2 metre lengths

Part number	Size (mm)	Min. diameter supplied (mm)	Max. diameter recovered (mm)	Recovered wall thickness (mm)	Length (m)
HSAL3/1 (COLOUR)	3/1	3.0	0.6	1.0	1.2
HSAL4.8/1.5 (COLOUR)	4.5/1.5	4.8	1.5	1.1	1.2
HSAL6/2 (COLOUR)	6/2	6.0	2.0	1.2	1.2
HSAL9/3 (COLOUR)	9/3	9.0	3.0	1.3	1.2
HSAL12/4 (COLOUR)	12/4	12.0	4.0	1.7	1.2
HSAL19/6 (COLOUR)	19/6	19.0	6.0	2.0	1.2
HSAL24/8 (COLOUR)	24/8	24.0	8.0	2.2	1.2
HSAL40/13 (COLOUR)	40/13	40.0	13.0	2.5	1.2

4:1 SHRINK RATIO IS AVAILABLE. PLEASE CONTACT OUR SALES TEAM FOR MORE DETAILS



Adhesive lined heatshrink 3:1 – Medium wall



This adhesive lined heatshrink, with a medium wall has a 3:1 shrink ratio. It accommodates a wide variety of connector shapes and configurations up to 350mm diameter. Typical applications include strain relief and cable protection, installation cover or jacket repair on low voltage cables, and splice covers for electrical cables.



SPECIFICATIONS

- Material** Flame retardant polyolefin: UL94-V0
- Colour** Black
- Operating temperature** -55°C to +110°C
- Shrink temperature** +120°C
- Longitudinal change** +1% to 10% max.
- Dielectric strength** 20 kV/mm min.
- Thermal heat ageing**
168 hours at 150°C - 500%;
Low temperature flexibility
- Flammability**
Fire hazard duration of burning 60s max. to ASTM D2671 (jacket only)
- Chemical resistance**
Fluid resistance at 23°C for 24 hours for the following fluids:
F-54 diesel fluid, H-515 hydraulic fluid, 0-149 lubricating oil.

Medium wall 3:1 ratio 1.2 metre lengths

Part number	Colour	Min. diameter supplied (mm)	Max. diameter recovered (mm)	Recovered wall thickness (mm)	Length (m)
MW-HSAL10/4	Black	10	4	2.0	1.2
MW-HSAL19/6	Black	19	6	2.0	1.2
MW-HSAL25/8	Black	25	8	2.0	1.2
MW-HSAL28/9	Black	28	9	2.4	1.2
MW-HSAL33/10	Black	33	10	2.4	1.2
MW-HSAL38/12	Black	38	12	2.4	1.2
MW-HSAL43/12	Black	43	12	2.5	1.2
MW-HSAL52/19	Black	52	19	2.5	1.2
MW-HSAL70/25	Black	70	25	2.5	1.2
MW-HSAL90/30	Black	90	30	2.5	1.2
MW-HSAL120/40	Black	120	40	2.7	1.2
MW-HSAL152/48	Black	152	48	3.3	1.2
MW-HSAL170/58	Black	170	58	3.3	1.2
MW-HSAL230/77	Black	230	77	3.3	1.2
MW-HSAL265/85	Black	265	85	3.3	1.2
MW-HSAL300/100	Black	300	100	3.5	1.2
MW-HSAL350/150	Black	350	150	3.5	1.2



Adhesive lined heatshrink 6:1 – Medium wall



This adhesive lined heatshrink has a 6:1 shrink ratio and accommodates a wide variety of connector shapes and configurations. The thermoplastic adhesive liner is ideal for complete environmental protection and insulation. Ideal for use for strain relief and protection of cables.



SPECIFICATIONS

- Material**
Flame retardant polyolefin: UL94-V0
- Colour**
Black
- Operating temperature**
-55°C to +110°C
- Tensile strength**
14.5 MPa
- Shrink temperature**
+120°C
- Longitudinal change**
+1% to 10% max.
- Dielectric strength**
20 kV/mm min.
- Thermal heat ageing**
168 hours at 150°C - 400%;
Low temperature flexibility - no break at -55°C
- Flammability**
Fire hazard duration of burning 60s max. to ASTM D2671 (jacket only)
- Chemical resistance**
Fluid resistance at 23°C for 24 hours for the following fluids:
F-54 diesel fluid, H-515 hydraulic fluid, 0-149 lubricating oil.

Medium wall 6:1 ratio 1.2 metre lengths

Part number	Colour	Min. diameter supplied (mm)	Max. diameter recovered (mm)	Recovered wall thickness (mm)	Length (m)
MW-6:1 HSAL19/3.2	Black	19	3.2	3.2	1.2
MW-6:1 HSAL33/5.5	Black	33	5.5	3.4	1.2
MW-6:1 HSAL45/7.4	Black	45	7.4	3.6	1.2
MW-6:1 HSAL51/8.3	Black	51	8.3	4.3	1.2
MW-6:1 HSAL70/11.7	Black	70	11.7	4.3	1.2
MW-6:1 HSAL89/17	Black	89	17	4.3	1.2
MW-6:1 HSAL120/23	Black	120	23	4.8	1.2

Heatshrink and cable repair solutions



Heatshrink repair and accessories

Heatshrink Wraparound repair sleeve 3:1



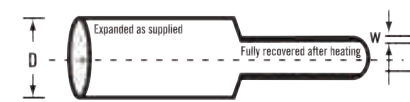
Heatshrink Wraparound sleeves are manufactured from cross-linked polyolefin. The hot melt adhesive inner lining, which melts during shrinking, solidifies to form a permanent seal. This rail-less design provides simple installation with clamshell design. The high shrink ratio covers irregular shapes.

Can be easily installed in cable insulation repair and splice applications and provides excellent insulation and protection for cable jackets.



SPECIFICATIONS

- Material** Cross-linked polyolefin with thermoplastic adhesive liner
- Colour** Black
- Operating temperature** -55°C to +110°C
- Tensile strength** 19 MPa
- Shrink temperature** +120°C
- Dielectric strength**
28 kV/mm min.
- Heat shock**
4 hours at 225°C. No cracking or flowing
Low temperature flexibility - no break at -55°C
- Chemical resistance**
Good resistance to hydraulic fluid, lubricating oil and diesel fuel
- Standards**
Meets ICEA and NEMA insulation thickness specifications. NATO stock number accredited. RoHS 2 compliant



Wraparound repair sleeve 914mm lengths

Part number	Colour	Min. diameter supplied D (mm)	Max. diameter recovered d (mm)	Recovered wall thickness W (mm)	No. of 914mm lengths supplied*
CRLS-1-914	Black	30	12	2.0	1
CRLS-2-914	Black	46	14	2.0	1
CRLS-3-914	Black	68	24	2.0	1
CRLS-4-914	Black	91	33	2.0	1
CRLS-5-914	Black	126	47	2.0	1
CRLS-6-914	Black	171	67	2.0	1

Allow a minimum of 76mm length overlap beyond each end of area to be covered.
* Other lengths are available on request. Contact us for more information.

Heatshrink and cable repair solutions



Heatshrink Wraparound repair sleeve with stainless steel rail - 3:1 ratio



Adhesive lined, Heatshrink Wraparound sleeve comes complete with a flexible stainless-steel locking channel. This provides a permanent closure system. The heatshrink is covered with a thermochromic paint which changes colour when achieving the correct shrink temperature.

Wraparound heatshrink is easy to install in situ over live cable without cutting the cable or shutting down power. Used for general re-jacketing and sealing applications, and for protection of damaged cable or repair of cable joints.

SPECIFICATIONS

Material Cross-linked polymeric material. Internally coated with Hot Melt Adhesive. External thermochromic paint.

Colour Black

Operating temperature -30°C to +70°C

Tensile strength 17.5 N/mm² min.

Shrink temperature +120°C

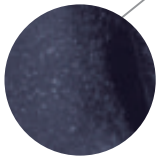
Dielectric strength 12 kV/mm min.

Ultimate elongation 300% min.

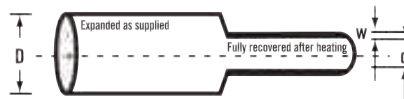
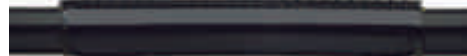
Tensile strength after heat ageing
500 hours at 120°C - 15 MPa

Elongation after heat ageing
500 hours at 120°C - 200% min.

Temperature indicating paint colour conversion
150°C for 30 minutes - no change
250°C for 5 minutes - colour change



Externally coated in thermochromic paint



Wraparound repair sleeve with stainless steel rail 3:1 ratio 1 metre lengths

Part number	Colour	Min ID supplied D (mm)	Max ID recovered d (mm)	Recovered wall thickness W (mm)	Length* (m)
CRDW 43/8-1M	Black	43	8	2.30	1
CRDW 52/10-1M	Black	52	10	2.30	1
CRDW 75/15-1M	Black	75	15	2.30	1
CRDW 100/30-1M	Black	100	30	2.30	1
CRDW 137/34-1M	Black	137	34	2.30	1
CRDW 185/55-1M	Black	185	55	2.30	1
CRDW 200/48-1M	Black	200	48	2.30	1

Allow a minimum of 76mm length overlap beyond each end of area to be covered.
* Other lengths are available on request. Contact us for more information.



Heatshrink end caps - 2:1 ratio



Heatshrink end caps are manufactured from a polyolefin material and coated with a hot melt adhesive on the inner surface. This provides a water tight seal against the damage of moisture, dirt or corrosion. The rugged wall of these end caps also offers excellent resistance against abrasion. Suitable for use on polymeric and paper insulated, lead jacketed cables.



SPECIFICATIONS

Material Cross-linked polymeric material. Internally coated with Hot Melt Adhesive. External thermochromic paint.

Colour Black

Operating temperature -55°C to +100°C

Tensile strength 12.0 MPa min.

Shrink temperature +120°C

Dielectric strength 12 kV/mm min.

Elongation 300% min.

Tensile strength after heat ageing
168 hours at 120°C - 10 MPa min

Elongation after heat ageing
168 hours at 120°C - 250% min.

Chemical and solvent resistance
Good. Unaffected by UV light

Heatshrink end caps 2:1 ratio

Part number	Min ID supplied (mm)	Max ID recovered (mm)	Recovered wall thickness (mm)	Length (m)	Pack quantity
PLC 10/3.5	10	3.5	3.0	34	1
PLC 15/4.5	15	4.5	3.0	44	1
PLC 20/8	20	8	3.0	69	1
PLC 35/15	35	15	3.0	93	1
PLC 55/25	55	25	3.3	107	1
PLC 75/35	75	35	3.3	127	1
PLC 100/50	100	50	4.0	152	1
PLC 120/60	120	60	4.0	152	1
PLC 148/57	148	57	4.0	152	1
PLC 160/82	160	82	4.0	152	1

MANY OTHER SIZES AVAILABLE - PLEASE CONTACT CABLECRAFT FOR MORE DETAILS



Heatshrink breakout boots

Heatshrink breakout boots are made of tough, crosslinked polyolefin to provide good mechanical protection and strain relief. CCB breakout boots have an adhesive coating inside the body and the legs to form a durable watertight seal, and shrink tightly to conduits and cable jackets. Ideal for use on poly or elastometric insulated/jacketed multiconductor cables or cables in metal or plastic conduits. Boots suitable for 2, 3 or 4 way cable breakouts (5 and 6 also available, minimum order quantities apply).



SPECIFICATIONS

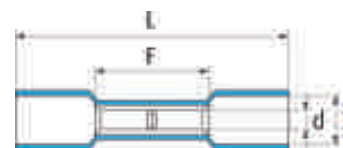
Material Cross-linked polyolefin material
Colour Black
Operating temperature -55°C to +100°C
Shrink temperature +135°C
Standards ESI 09-11
Flammability Flame retardant

Heatshrink breakout boots

Part number	Description	Breakout ID/recovered diameter (mm)	Finger ID/recovered diameter (mm)	Pack quantity
CCB2 33/10	Two core	33/14	10/3	1
CCB2 50/21		50/23	21/7.5	1
CCB3 38/11	Three core	38/14	11/4	1
CCB3 60/24		60/22	24/8	1
CCB3 80/36		80/33	36/16	1
CCB3 100/48		100/47	48/20	1
CCB3 125/55	Four core	125/47	55/20	1
CCB4 38/11		38/14	11/4	1
CCB4 55/20		55/20	20/8.5	1
CCB4 72/25		72/22	25/8.5	1
CCB4 100/35		100/35	35/14	1
CCB4 125/45		125/47	45/22	1

Heatshrink splices

Heat shrinkable splices provide a long lasting environmental seal. Made of a butt connector forming one piece, with a cut piece of adhesive clear polyolefin heatshrink tube. The polymer used in the production of the heatshrink tube is specially adapted to be crimped.



SPECIFICATIONS

Minimum shrink temperature +150°C
Continuous operating temperature -55°C to 105°C
Tensile strength 22.5 MPa
Elongation at break 553%
Heat shocks (225°C x 4 hours) No cracking
Heat ageing (175°C x 168 hours) No crack, flowing or dipping of outer wall.
Dielectric Strength 12kV/mm
Chemical Resistance Fluid resistance 23°C x 24 hours, good.

Heatshrink splices 0.5 - 6 mm²

Colour/ Wire Ø mm ²	Part number	Dimensions (mm)				Pack qty
		L	F	D	d	
0.5-1.5 RED	CHSB1	35.0	15.0	4.5	1.7	50
1.5-2.5 BLUE	CHSB2	37.0	15.0	5.5	2.3	50
4-6 YELLOW	CHSB3	41.0	15.0	6.5	3.6	25

SolderSleeve heat shrinkable splices

SolderSleeve splices insulate, provide strain relief and protect terminations from environmental damage in a wide range of applications at operating temperatures ranging from -55°C to +125°C. They consist of a heat-shrinkable sleeve and a pre-measured, fluxed solder band. When heated the tubing heats and the solder melts creating reliable insulated terminations.



The heatshrink tube and adhesive rings provide a seal resistant to water and other contaminants. The translucent heatshrink allows for visual inspection of the connection.

Soldersleeve heat shrinkable splices

Wire range awg/mm ²	Part number	Pack qty
38-28/0.1-0.5mm ² WHITE	CSSBC1	10
22-18/0.5-1.5mm ² RED	CSSBC2	25
16-14/1.5-2.5mm ² BLUE	CSSBC3	25
12-10/3.2-6.0mm ² YELLOW	CSSBC4	10

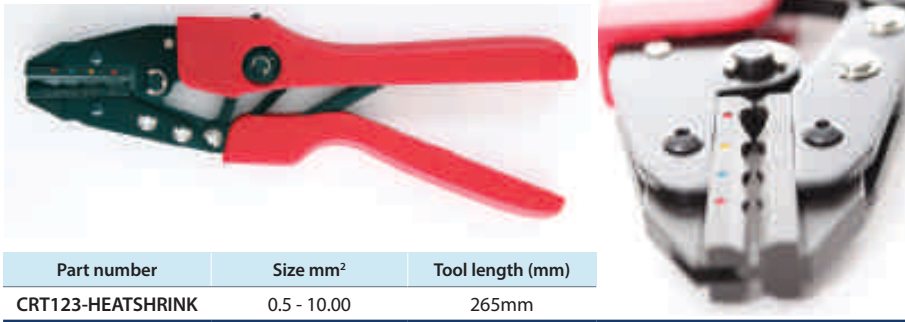
SPECIFICATIONS

Colour options White, red, blue, yellow
Operating temperature range -55°C to +125°C
Standards RoHS 2 compliant

Heatshrink crimping tool

CRT123-HEATSHRINK crimping tool

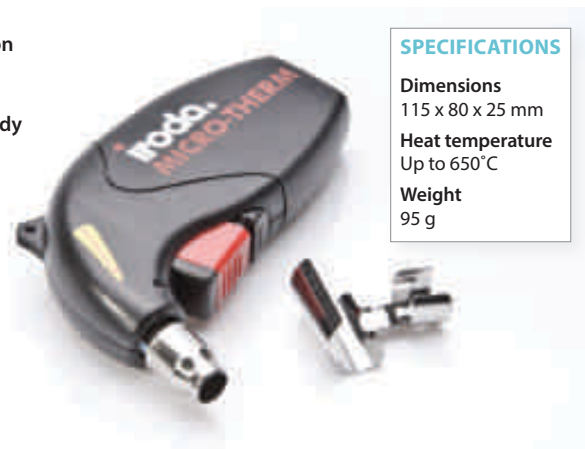
The CRT 123 heatshrink ratchet hand crimping tool is suitable for heatshrink splices from 0.5-10.0 mm².



Part number	Size mm ²	Tool length (mm)
CRT123-HEATSHRINK	0.5 - 10.00	265mm

Mini heatshrink gun

The Iroda flame less heat gun has a Piezo electronic self-starting ignition system, powered by the refill cell of a disposable lighter. Windproof flame and waterproof ignition. Handy compact size and easy to use. Uses Butane fuel (not included).



SPECIFICATIONS

Dimensions
115 x 80 x 25 mm
Heat temperature
Up to 650°C
Weight
95 g

Mini heatshrink gun

Part number	Description
IRODA	Mini heatshrink gun

Steinel HL stick compact hot air gun

The Steinel HL Stick is a hands free, compact hot air gun for heating with pinpoint precision. With its handy size and low weight, it is ideal for getting the trickiest of jobs done with maximum effect. The perfectly stable standing surface allows you to work hands free.



Being so compact, the HL Stick can get in most hard to reach places. At poorly illuminated places, the integrated LED work light is an indispensable assistant for high precision heating.

The HL Stick comes complete with 4 attachment nozzles:

1x reduction nozzle with a diameter of 7mm increases airflow temperature to 500°C for concentrated heating .

1x precision nozzle with a diameter of 4.5mm can heat work pieces with pinpoint accuracy.

2x reflector nozzles with a diameter of 10mm and 40mm make it possible to fit heat-shrinkable tubing's in all sizes - from small to large areas.



SPECIFICATIONS

Temperature range 400°C to 500°C
Min. frequency 50 Hz
Power consumption 350 watts
Weight 0.6Kg
Dimensions L235 x W78 x H76mm

Steinel HL compact gun

Part number	Description
HL STICK	Steinel HL hot air gun



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Our pre-print and engraving experts excel in producing high quality identification solutions from a wide range of materials. We offer a fast, efficient and flexible service including fast turnaround and competitive pricing!

- Custom Stainless Steel & Heatshrinkable Cable Markers
- Custom Pre-Printed Laser engraved labels
- Custom Pre-Printed Therma-Mark Cable Markers
- Custom Pre-Printed DIN Rail Terminal Markers

See p.188 for more details



Steinel HL 1610 S heat gun

This multi-purpose heat gun is designed for safe and convenient industrial use. The lightweight, ergonomic design ensures comfortable, long term operation. Two nozzles are available; a surface nozzle for spreading air and a reflecting nozzle for heatshrink sleeving. Airflow and temperature can be adjusted in 2 stages at the operating switch:

- 14.5m³/h at 575°C
- 25 m³/h at 950°C

SPECIFICATIONS

Dimensions
240 x 89 x 200 mm

Output
1600 watts

Voltage
230-240V, 50 Hz

Temperature setting
Two stage (575°C and 950°C)

Weight
763 g

Standards
C-UL-UL listed, RoHS 2 compliant, ISO 9001:2001



Nozzles

Nozzle A is a Surface Nozzle which spreads air over small areas. **Nozzle B** is a Reflector Nozzle for soldering and shrink fitting sleeving.



Steinel HL 1610 S heat gun

Part number	Description
HL1610	240V gun
NOZZLE A	50mm Surface Nozzle
NOZZLE B	39mm Reflector Nozzle



Steinel HL 1810 S heat gun: 110V and 240V options

This multi-purpose heat gun is available in two options: 110V and 240V. The ergonomic design ensures comfortable, long term operation. The blower reaches a temperature of up to 600°C at an airflow rate of 27m³/h. Airflow and temperature can be adjusted in 3 stages at the operating switch:

- 6m³/h at 50°C Cool air stage for rapid cooling on changing nozzles.
- 17 m³/h at 400°C
- 27m³/h at 600°C



SPECIFICATIONS

Dimensions
260 x 90 x 205 mm

Output
1300 watts - 110V
1800 watts - 240V

Voltage
120 VAC, 60 Hz

Temperature setting
Three stage (50°C, 400°C and 600°C)

Weight
860 g

Standards
C-UL-UL listed, RoHS 2 compliant, ISO 9001:2001

Nozzles

Nozzle A is a Surface Nozzle which spreads air over small areas.
Nozzle B is a Reflector Nozzle for soldering and shrink fitting sleeving.



Steinel HL 1810 S heat gun

Part number	Description
1810S-110V	110 Voltage gun
1810S-240V	240 Voltage gun
NOZZLE A	50mm Surface Nozzle
NOZZLE B	39mm Reflector Nozzle

Steinel BHG 360 Li-Ion rechargeable heat gun

With its powerful Li-Ion rechargeable battery, this heatgun provides ultimate freedom of movement for hot-air applications – even at places without mains power. The formidable 36-volt power pack that drives the BHG 360 Li-Ion has a capacitance of 2600 mAh and delivers the energy for 15 minutes of unrestricted hot-air work.

This hot air tool is immediately ready for operation even after a prolonged period out of use. It has a 3-stage switch for OFF/COLD/HOT. The charger supplied with the tool recharges the battery to 75% capacity in just 30 minutes and to full charge in 60 minutes.



SPECIFICATIONS

Dimensions
240 x 65 x 265 mm

Output 300 W

Voltage 36 V, rechargeable Li-Ion battery

Temperature setting
400°C without nozzle, 500°C with 7mm reduction nozzle

Air flow rate 100 l/m

Run time 15 min unrestricted

Weight 1790 g (including rechargeable battery)

Features

- Lightweight, ergonomically optimised hot air tool
- Integrated LED light
- Integrated ring for hanging the tool
- Soft grip handle
- Thermal cut-out
- ESD-safe: suitable for use at places where there is a risk of electrostatic discharge
- "Thermo-Signal" temperature indicator

Steinel BHG 360 heat gun

Part number	Description
BHG 360	Heat gun and accessories

Accessories included

- 7mm reduction nozzle
- Reduction nozzle with reflector guard
- Precision reflector nozzle
- 10mm reflector nozzle
- 40mm reflector nozzle
- Solder shrink sleeve kit

