



# Cable sleeving and protection

Our protect cable sleeving range consists of braided, glass braided, heat-resistant, Neoprene and silicone sleeveings. PVC grommets and edging strip are also available.

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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





## Neoprene sleeving and accessories

Neoprene sleeves are made from highly elastic extruded Neoprene, pre-lubricated as standard. They are particularly useful for binding the ends of braided mains leads into plugs and portable equipment. The sleeves can be stretched to twice the size of the diameter supplied. Neoprene sleeves are best applied using the expander tools.



### Neoprene cut lengths

Available in 12 colours for easy identification, diameters range from 1.2mm to 20mm. Choose between pre-cut lengths and continuous lengths. Custom lengths are available to order.

#### SPECIFICATIONS

**Material** Polychloroprene rubber quality 3490

**Operating temperature** -30°C to 90°C

**Short time temperature** 110°C

**Tensile strength at break** > 6.5Mpa

**Chemical resistance**  
Resistance to acids and alkalis, mineral and vegetable oils, aromatic fuels

**Material specification**  
BS3858 type 1



#### COLOUR OPTIONS

BLACK	BLUE	BROWN	GREEN	GY/YELLOW	GREY
ORANGE	PINK	RED	VIOLET	WHITE	YELLOW

#### HOW TO ORDER

e.g:	Part number CH50x25	Colour RED	→	Final part number CH50x25 RED
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#### Pre-cut lengths

Part number	Length (mm)	Internal diameter (mm)	Max OD of cable (mm)	Pack quantity
CH12x20 (COLOUR)	20	1.2	2.4	1000
CH15x20 (COLOUR)	20	1.5	3.0	1000
CH20x20 (COLOUR)	20	2.0	4.0	1000
CH30x25 (COLOUR)	25	3.0	6.0	1000
CH50x25 (COLOUR)	25	5.0	10.0	100
CH75x25 (COLOUR)	25	7.5	15.0	100
CH100x25 (COLOUR)	25	10.0	19.8	100
CH150x25 (COLOUR)	25	15.0	30.0	100
CH200x25 (COLOUR)	25	20.0	40.0	100



## Neoprene continuous coil

### Continuous coil

Part number	Internal diameter (mm)	Max OD of cable (mm)	Length per coil (M)
CH15 CONT	1.5	3.0	10
CH20 CONT	2.0	4.0	10
CH30 CONT	3.0	6.0	10
CH50 CONT	5.0	10.0	10
CH75 CONT	7.5	15.0	10
CH100 CONT	10	19.8	10
CH150 CONT	15	30	10
CH200 CONT	20	40	10



#### COLOUR OPTIONS

##### STANDARD

BLACK

NON STANDARD Minimum quantities apply - please contact us for more information

BLUE	BROWN	GREEN	G/YELLOW	GREY	
ORANGE	PINK	RED	VIOLET	WHITE	YELLOW

#### HOW TO ORDER

e.g:	Part number CH50 CONT	Colour RED	→	Final part number CH50 CONT RED
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## Neoprene sleeve hellerine oil

Hellerine is an effective aid for installation of neoprene sleeves. It slowly evaporates after installation so that sleeves can still be manipulated if necessary. Hellerine is ideal for lubricating most rubber and plastic markers and sleeves.

#### SPECIFICATIONS

**Operating temperature** 10°C to 150°C

**Standards** AFS No. 611A; DTD 900/4877

#### Hellerine oil

Part number	Description
CL1	Lubricant 284ml bottle



## Neoprene sleeve expander tools

A range of four high quality ultra lightweight tools ensure speedy application. They can be used for fitting neoprene sleeves with internal diameters up to 20mm.

## KY1



## KY2



## KY3



## KY4



## Grommet strips and grommets

## Castellated grommet strip

This versatile grommet strip comes in natural coloured polythene, is easily cut by hand and is fitted without special tools or adhesives. It is ideal for circular, oval or irregular shaped openings of all sizes in panels. Available in 9 sizes for panel thicknesses from 0.4 to 12.9mm in 25m lengths.



## SPECIFICATIONS

**Material** Halogen free polythene  
**Colour options** Natural  
**Operating temperature** -30°C to +80°C  
**Flammability** UL94 HB

## Castellated grommet strip

Part no.	Panel thickness (mm)	Width (mm)	Channel width (mm)	Height (mm)	Pack quantity (m)
CGS1	0.4 - 1.0	2.2	0.95	2.4	25
CGS2	1.0 - 1.3	3.8	1.4	4.0	25
CGS3	1.3 - 2.1	4.5	2.3	4.0	25
CGS4	2.1 - 3.3	5.6	3.3	4.0	25
CGS5	3.3 - 4.8	8.3	5.0	5.8	25
CGS6	4.8 - 6.5	9.8	6.6	6.1	25
CGS7	6.5-8.1	11.4	8.3	6.8	25
CGS8	8.1-9.7	13.2	10.1	6.8	25
CGS9	9.7-12.9	16.4	13.2	6.8	25

## Smooth edge grommet strip

This flexible grommet strip is suitable for a range of panel thicknesses from 0.8mm to 4.0mm.



## SPECIFICATIONS

**Material** Non flame retardant halogen free  
**Colour options** Natural  
**Operating temperature** -50°C to +50°C

## Smooth edge grommet strip

Part no.	Panel thickness (mm)	Pack quantity (m)
CGSS 1	0.8 - 1.0	35
CGSS 2	1.1 - 1.5	30
CGSS 3	1.6 - 2.0	25
CGSS 4	2.1 - 3.0	20
CGSS 5	3.1 - 4.0	15

## Grommet strip



## SPECIFICATIONS

**Material** Halogen free LDPE  
**Colour options** Natural  
**Operating temperature** -50°C to +50°C

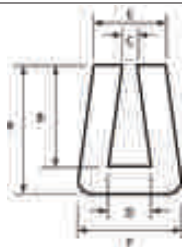
A flexible grommet strip in LDPE, prevents chafing on panel openings and is suitable for plate thicknesses 1.0 to 6.5mm.

## Grommet strip

Part no.	Size	Thickness of plate (mm)	Min corner radius (mm)	Min aperture diameter (mm)	Pack qty (m)
0494	2	1.0 - 1.1	4	22	25
0495	3	1.5 - 2.0	5	25	25
0496	4	2.5 - 3.3	6	30	25
0497	5	4.0 - 4.9	8	36	25
0498	6	4.5 - 6.5	8.5	45	25

## Black grommet strip

Made from self-extinguishing PVC, this material has excellent flexibility which makes application quick and easy.



### SPECIFICATIONS

Material PVC  
Colour Black  
Operating temperature  
-65°C to +105°C  
Intermittent temperature  
+130°C  
Flammability  
Self-extinguishing

### Black grommet strip

Part number	DIMENSIONS (mm)						Pack size (m)
	A	B	C	D	E	F	
SM1	6.3	4.9	1.0	1.8	4.2	5.0	75
SM2	9.5	7.7	1.1	1.2	2.0	4.5	25

## Halogen-free black grommet strip

An LSF halogen-free version of our standard black grommet strip, this is suitable for use in critical areas.



### SPECIFICATIONS

Material Halogen-free material  
Colour Black  
Operating temperature  
-40°C to +105°C  
Flammability  
Self-extinguishing

### Halogen-free black grommet strip

Part number	DIMENSIONS (mm)						Pack size (m)
	A	B	C	D	E	F	
SM1-ZH	6.3	4.9	1.0	1.8	4.2	5.0	75
SM2-ZH	9.5	7.7	1.1	1.2	2.0	4.5	25

## Steel reinforced edging strip

This heavy duty steel reinforced edging strip offers extra protection and durability. Material flexibility makes it ideal for fitting to irregular shapes. Supplied in 50 metre lengths, available in 3 sizes to fit panel thicknesses: 1-2mm, 1-3mm, 4-5mm.

### Steel edging strip

Part number	Width (mm)	For panel thickness (mm)	Pack quantity (m)
CSGS-1	10	4-5	50
CSGS-2	9	1-2	50
CSGS-3	9	1-3	50



### SPECIFICATIONS

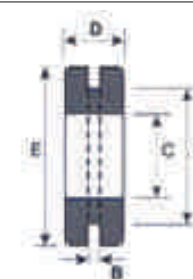
Material  
PVC and steel  
Colour Black

## Open PVC grommets

Suitable for diameters from 12mm to 50mm.

### SPECIFICATIONS

Material PVC  
Colour Black



### Open PVC grommets

Part number	For diameter (mm)	DIMENSIONS (mm)					Pack quantity
		A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	
CGO 12	12	12.3	1.6	9.5	6.4	16.2	100
CGO 16	16	15.8	1.6	12	5.9	19	100
CGO 20	20	20.2	1.6	15.8	6.2	23	100
CGO 25	25	25	1.6	19.5	7.3	29.2	100
CGO 32	32	31	1.6	24	8	38.1	50
CGO 38	38	37.4	1.6	31.5	9.5	46	25
CGO 50	50	50.5	1.6	44.5	11.1	60.3	25



## Blind PVC grommets

Suitable for diameters from 16mm to 50mm.

### Blind PVC grommets

Part number	For diameter (mm)	Pack quantity
CGB 16	16	100
CGB 20	20	100
CGB 25	25	100
CGB 32	32	50
CGB 38	38	25
CGB 50	50	25







## Spiral binding

### Standard spiral binding



Our spiral binding provides a fast, flexible, simple method of binding and protecting cable looms both before and after installation. It enables cable to be led out at any point.

#### SPECIFICATIONS

**Material**  
Low density polyethylene (LDPE)

**Colour options**  
Natural or black

**Operating temperature**  
-50°C to + 50°C



#### Standard spiral binding

Part number	Colour	Inside diameter (mm)	Wall thickness (mm)	Pitch between lead out points (mm)	Range of loom diameter (mm)	Length per coil (m)
CSB 1N	Natural	6.5	0.75	10.0	7.0 - 40.0	25
CSB 1B	Black	6.5	0.75	10.0	7.0 - 40.0	25
CSB 2N	Natural	8.2	0.90	12.0	12.0 - 50.0	25
CSB 2B	Black	8.2	0.90	12.0	12.0 - 50.0	25
CSB 3N	Natural	12.0	1.00	16.0	15.0 - 80.0	20
CSB 3B	Black	12.0	1.00	16.0	15.0 - 80.0	20
CSB 4N	Natural	20.0	1.5	18.0	25.0 - 100.0	25
CSB 4B	Black	20.0	1.5	18.0	25.0 - 100.0	25

Other sizes/colours can be manufactured to order, please contact our sales office for more details.

### LFH spiral binding



The limited fire hazard properties of this product make it ideally suited for use in special applications such as rail and aviation, public buildings and railway stations, where public safety is critical. Low smoke, low toxicity and zero halogen, the compound meets the requirements of DIN/VDE 2007 and BS6724.

#### SPECIFICATIONS

**Material**  
Halogen free, low smoke material

**Operating temperature**  
-20°C to + 90°C

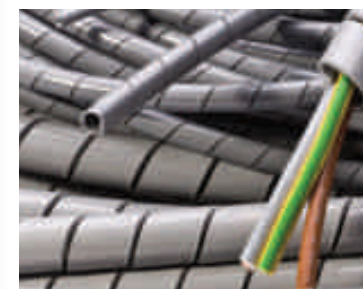
**Colour**  
Grey

**Flammability**  
UL 1581 rated material

**After heat ageing for 7 days at 110 °C**  
Tensile strength: 16MPa  
Elongation: 140%

**Smoke density**  
Pass ASTM E-662

**Standards**  
DIN/VDE 0207. BS 6724. Wall thickness: 0.5mm



#### LFH spiral binding

Part number	Size OD (mm)	Wall thickness (mm)	Length per coil (m)
0240	3	0.5	50
0241	6	0.6	50
0242	12	0.8	25

Other sizes can be manufactured to order, please contact our sales office for more details.



## LDPE spiral binding



This easy-to-apply spiral binding provides highly effective wiring out, and protection from abrasion. Ideal for use in the automotive industry as well as electrical installation.

## SPECIFICATIONS

**Material** Low density polyethylene (LDPE)

**Colour options** Natural or black

**Operating temperature**  
-50°C to +50°C



## LDPE spiral binding

Part number	Colour	Size OD (mm)	Wall thickness (mm)	Length per coil (m)
0200	Black	3	0.20	50
0201	Natural	3	0.20	50
0204	Black	6	1.25	50
0205	Natural	6	1.25	50
0208	Black	12	1.75	25
0209	Natural	12	1.75	25

## Nylon 12 spiral binding



Nylon 12 spiral binding is used to bind cables that need high mechanical protection in the automotive industry as well as electrical installation.

## SPECIFICATIONS

**Material** Nylon 12

**Colour** Natural

**Operating temperature** (static applications)  
-15°C to +100°C

**Operating temperature** (dynamic applications)  
-15°C to +80°C



## Nylon 12 spiral binding

Part number	Inside diameter (mm)	Wall thickness (mm)	Length per coil (m)
0203	3	0.4	50
0207	6	0.6	50
0211	12	0.8	25

Other sizes can be manufactured to order, please contact our sales office for more details.



## LDPE flame retardant spiral binding



Used for mechanical protection of cables and hoses, wherever flame retardancy is important.

## SPECIFICATIONS

**Material**

Low density polyethylene (LDPE)

**Colour** White

**Operating temperature**  
-50°C to +50°C

**Flammability**  
UL94 V-2 Rated Material. LOI 23% O2



## LDPE spiral binding

Part number	Size OD (mm)	Wall thickness (mm)	Length per coil (m)
0202	3	0.20	50
0206	6	1.25	50
0210	12	1.75	25

Other sizes can be manufactured to order, please contact our sales office for more details.

## Lacing cord



Lacing cord is a tried, trusted and easy method of fastening a loom. It is a nylon filled cord, and is used in many industries, (from control panels to aircraft and military applications) for the assembly of wiring looms and harnesses.

## SPECIFICATIONS

**Material** Nylon 6

**Colour** White

**Operating temperature**  
-40°C to +85°C

**Complies with**  
DefStan 40-8 (1mm)



## Lacing cord

Part number	Width (mm)	Length per coil (m)
PNF1012	1.0	500

## Easi-Zip cable binding

Cablecraft Easi-Zip is a timesaving solution for binding together cables for plant equipment, computers and machinery. It takes the form of a slit cable routing system, made from high grade Nylon 6 that gives excellent support to wire bundles. It is slotted for easy access to cables at any point and ensures rapid assembly to the harness. Used with the Easi-Zip applicator tool (included in the price), assembly times and costs can be substantially reduced.



Easi-Zip applicator tool



### SPECIFICATIONS

**Material**  
Nylon 6

**Continuous temperature**  
-40°C to +130°C

**Intermittent temperature**  
-175°C

**Tensile strength**  
55MPa

**Elongation**  
80%

### Easi-zip cable binding

Part number	Nominal diameter ID	Wall thickness (mm)	Length per coil (m)
EZ-8PP (COLOUR)	9.0	0.8	25
EZ-16PP (COLOUR)	16.0	0.8	25
EZ-20PP (COLOUR)	20.0	0.8	25
EZ-25PP (COLOUR)	25.0	0.9	25
EZ-32PP (COLOUR)	32.0	1.0	25

### COLOUR OPTIONS

BLACK

WHITE

GREY

#### HOW TO ORDER

e.g:

Part number	Colour	Final part number
EZ-20PP	WHITE	EZ-20 PP WHITE

## Cable protectors

Cable protectors are made from a flexible vinyl material. They secure loose leads and cables in any environment. Prevents accidents caused by loose, trailing cables. Simply open the slitted base, push in the cables and lay the protector on the floor. Available in 4 different types.

### SPECIFICATIONS

**Material** Flexible vinyl

**Flammability** Self-extinguishing BS476: PT7:  
Class 3: 1987

### COLOUR OPTIONS

BLACK

GREY

#### HOW TO ORDER

Part number	Colour	Final part number
MULTI 9	GREY	MULTI 9 GREY



### Phone cable protector

Covers up to four phone leads.



Part number	Hole size (mm)	Width (mm)	Height (mm)	Length (m)
PHONE 9 (COLOUR)	16 x 8	67	15	9
PHONE 3 (COLOUR)	16 x 8	67	15	3

### Multi cable protector

Increased size and capacity.



Part number	Hole size (mm)	Width (mm)	Height (mm)	Length (m)
MULTI 9 (COLOUR)	30 x 10	80	18	9
MULTI 3 (COLOUR)	30 x 10	80	18	3

### Combi cable protector

Increased capacity with two channels to separate cable groups.



Part number	Hole size (mm)	Width (mm)	Height (mm)	Length (m)
COMBI 9 (COLOUR)	Two 16 x 10	93	19	9
COMBI 3 (COLOUR)	Two 16 x 10	93	19	3

### Hazard cable protector black with yellow strips

Ideal where increased visibility is needed.



Part number	Hole size (mm)	Width (mm)	Height (mm)	Length (m)
HAZARD (COLOUR)	30 x 10	80	18	9



## Birch Valley Plastics PVC sleeving

This high-grade PVC sleeving has a thin wall that makes it ideal for insulating wire in areas where space is a premium. Supplied in continuous 100m coils. Some sizes are available supplied on reels - see overleaf.

### Green/yellow PVC sleeving - Coils

#### SPECIFICATIONS

**Material** PVC  
**Colour** Green/yellow  
**Operating temperature** -20°C to +85°C  
**Insulation resistance** 1010 Ohm/cm  
**Operating temperature** 20 kV/mm  
**Elongation at break** 220%  
**Hardness** BSS20-30  
**Flammability** Self-extinguishing in 30 seconds  
**Specification** BS 2848/3/85T, RoHS 2 compliant



#### Green/yellow PVC sleeving Coils

Part number	Internal diameter (mm)	To cover cable size (mm <sup>2</sup> )	Coil length (m)
CY 1.5 GREEN/YELLOW	1.5	-	100
CY 2.0 GREEN/YELLOW	2.0	-	100
CY 3.0 GREEN/YELLOW	3.0	0.5 - 0.75	100
CY 4.0 GREEN/YELLOW	4.0	1.5 - 2.5	100
CY 5.0 GREEN/YELLOW	5.0	2.5 - 4.0	100
CY 6.0 GREEN/YELLOW	6.0	6.0	100
CY 8.0 GREEN/YELLOW	8.0	10.0	100
CY 10.0 GREEN/YELLOW	10.0	16.0 - 25.0	100
CY 12.0 GREEN/YELLOW	12.0	35.0	100
CY 15.0 GREEN/YELLOW	15.0	50.0	100

Also available in 105T grade and UL approved versions. Sizes up to 40mm can be produced, minimum order quantities apply. Please contact us for more details.

### Coloured PVC sleeving - Coils

#### SPECIFICATIONS

**Material** PVC  
**Operating temperature** -20°C to +85°C  
**Insulation resistance** 1010 Ohm/cm  
**Operating temperature** 20 kV/mm  
**Elongation at break** 220%  
**Hardness** BSS20-30  
**Flammability** Self-extinguishing in 30 seconds  
**Specification** BS 2848/3/85T, RoHS 2 compliant

#### COLOUR OPTIONS

BLACK	BLUE	BROWN
YELLOW	GREY	RED
GREEN	WHITE	

#### HOW TO ORDER

Part no.	Colour	Final part number
CY 8.0	Grey	CY 8.0 GREY



#### Coloured PVC sleeving Coils

Part number	Internal diameter (mm)	To cover cable size (mm <sup>2</sup> )	Coil length (m)
CY 1.5 (COLOUR)	1.5	-	100
CY 2.0 (COLOUR)	2.0	-	100
CY 3.0 (COLOUR)	3.0	0.5 - 0.75	100
CY 4.0 (COLOUR)	4.0	1.5 - 2.5	100
CY 5.0 (COLOUR)	5.0	2.5 - 4.0	100
CY 6.0 (COLOUR)	6.0	6.0	100
CY 8.0 (COLOUR)	8.0	10.0	100
CY 10.0 (COLOUR)	10.0	16.0 - 25.0	100
CY 12.0 (COLOUR)	12.0	35.0	100
CY 15.0 (COLOUR)	15.0	50.0	100
CY 18.0 (COLOUR)	18.0	70.0	100
CY 20.0 (COLOUR)	20.0	95.0	100

Can be supplied with a higher temperature resistance and strength. Also available in 105T grade and UL approved versions. Sizes up to 40mm can be produced, minimum order quantities apply. Please contact us for more details.

## Coloured PVC sleeving - Reels

This high-grade PVC sleeving has a thin wall that makes it ideal for insulating wire in areas where space is a premium. Supplied in continuous 100m reels. A wider range of sizes is available supplied on coils - see previous page.

### SPECIFICATIONS

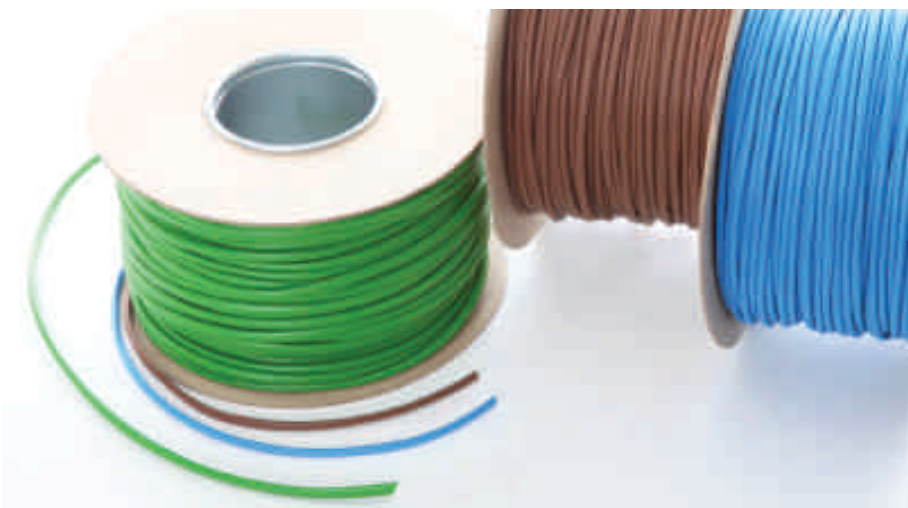
Material PVC  
Operating temperature -20°C to +85°C  
Insulation resistance  $10^{10}$  Ohm/cm  
Dielectric strength 20 kV/mm  
Elongation at break 220%  
Hardness BSS20-30  
Flammability Self-extinguishing in 30 seconds  
Specification BS 2848/3/85T, RoHS 2 compliant

### COLOUR OPTIONS

BLACK	BLUE	BROWN
YELLOW	GREY	RED
GREEN	WHITE	G/YELLOW

### HOW TO ORDER

Part no.	Colour	Final part number
CYR 4.0	Grey	CYR 4.0 GREY



### Coloured PVC sleeving Reels

Part number	Internal diameter (mm)	To cover cable size (mm <sup>2</sup> )	Reel length (m)
CYR 2.0 (COLOUR)	2.0	-	100
CYR 3.0 (COLOUR)	3.0	0.5 - 0.75	100
CYR 4.0 (COLOUR)	4.0	1.5 - 2.5	100

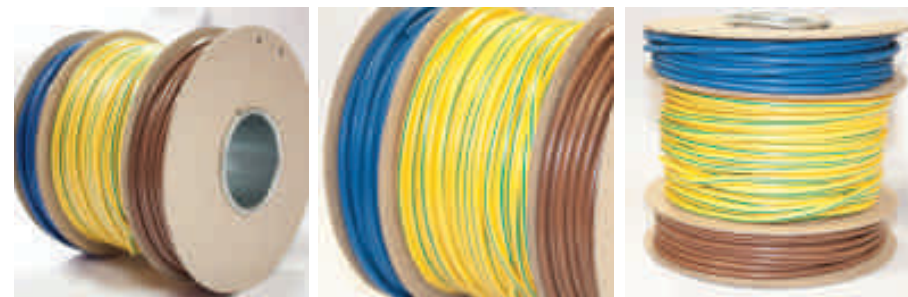
Can be supplied with a higher temperature resistance and strength, please contact us for more details.  
Also available in 105T grade and UL approved versions.

## Coloured PVC sleeving - Multi Reel

The PVC Multi Reel is a brand new product designed with electricians in mind. It is supplied on one reel, which is split into 3 sections. The sleeving is available in diameters of 2.0mm, 3.0mm or 4.0mm. The 2.0mm and 3.0mm multi reels contain 20 metres blue sleeving, 20 metres brown sleeving and 60 metres green/yellow sleeving. The 4.0mm multi reel contains 10 metres blue sleeving, 10 metres brown sleeving and 40 metres green/yellow sleeving.

### SPECIFICATIONS

Material PVC  
Operating temperature -20°C to +70°C  
Insulation resistance  $10^{10}$  Ohm/cm  
Dielectric strength 20 kV/mm  
Elongation at break 220%  
Hardness BSS20-30  
Flammability Self-extinguishing in 30 seconds  
Specification BS 2848/3/85T, RoHS 2 compliant



### Coloured PVC sleeving Multi reel

Part number	Description	Internal diameter (mm)
CY2.0 MULTI REEL	2.0mm sleeving containing: 20 metres blue, 20 metres brown & 60 metres green/yellow	2.0
CY3.0 MULTI REEL	3.0mm sleeving containing: 20 metres blue, 20 metres brown & 60 metres green/yellow	3.0
CY4.0 MULTI REEL	4.0mm sleeving containing: 10 metres blue, 10 metres brown & 40 metres green/yellow	4.0

Also available in 105T grade and UL approved versions. Please contact us for more details.



## LSF sleeving - Green &amp; yellow



This limited fire hazard sleeving is halogen free making it ideal for protecting wire and cables in areas where smoke and fume emissions must be minimised. Supplied in continuous coils. Low smoke, low toxicity and zero halogen. The compound meets the requirement of DIN/VDE 2007 AND BS6724.

## SPECIFICATIONS

**Material** Halogen free, low smoke

**Colour** Green/yellow

**Operating temperature** -20°C to +90°C

**Density** 1.48

**Tensile strength** 15MPa

**Elongation at break** 163%

**Smoke density** Pass ASTM E-662

**Oxygen index** 37% ISO 4589-2

**Heat ageing test**

After heat ageing for 7 days at 110°C:

Tensile - 16.5MPa

Elongation - 140%

**Standards**

DIN/VDE 0207, BS 6724. Wall thickness: 0.5mm



## Green/yellow LSF sleeving Coils

Part number	Internal diameter (mm)	To cover cable size (mm <sup>2</sup> )	Coil length (m)
CY 1.5 ZH GREEN/YELLOW	1.5	-	100
CY 2.0 ZH GREEN/YELLOW	2.0	-	100
CY 3.0 ZH GREEN/YELLOW	3.0	0.5 - 0.75	100
CY 4.0 ZH GREEN/YELLOW	4.0	1.5 - 2.5	100
CY 5.0 ZH GREEN/YELLOW	5.0	2.5 - 4.0	100
CY 6.0 ZH GREEN/YELLOW	6.0	6.0	100
CY 8.0 ZH GREEN/YELLOW	8.0	10.0	100
CY 10.0 ZH GREEN/YELLOW	10.0	16.0 - 25.0	100
CY 12.0 ZH GREEN/YELLOW	12.0	35.0	100
CY 15.0 ZH GREEN/YELLOW	15.0	50.0	25

Sizes up to 40mm can be produced, minimum order quantities apply. Please contact us for more details.



## LSF sleeving - Coloured



This limited fire hazard sleeving is halogen free making it ideal for protecting wire and cables in areas where smoke and fume emissions must be minimised. Supplied in 100 metre continuous coils. Low smoke, low toxicity and zero halogen. The compound meets the requirement of DIN/VDE 2007 and BS6724.

## SPECIFICATIONS

**Material** Halogen free, low smoke

**Operating temperature** -20°C to +90°C

**Density** 1.48

**Tensile strength** 15MPa

**Elongation at break** 163%

**Vertical burn test pass** UL 1581

**Smoke density pass** ASTM E-662

**Oxygen index** 37% ISO 4589-2

**Heat ageing test** After heat ageing for 7 days at 110°C: Tensile - 16.5MPa; Elongation - 140%

**Standards**

DIN/VDE 0207, BS 6724. Wall thickness: 0.5mm



IMAGE © TRANSPORT FOR LONDON 2005

## COLOUR OPTIONS

BLACK	BLUE	BROWN	GREEN
YELLOW	GREY	RED	WHITE

## HOW TO ORDER

Part no.	Colour	Final part number
CY 1.5 ZH	Grey	CY 1.5 ZH GREY

## Coloured LSF sleeving Coils

Part number	Colour options	Internal diameter (mm)	To cover cable size (mm <sup>2</sup> )	Coil length (m)
CY 1.5 ZH	All colours	1.5	-	100
CY 2.0 ZH	All colours	2.0	-	100
CY 3.0 ZH	All colours	3.0	0.5 - 0.75	100
CY 4.0 ZH	All colours	4.0	1.5 - 2.5	100
CY 5.0 ZH	All colours	5.0	2.5 - 4.0	100
CY 6.0 ZH	All colours	6.0	6.0	100
CY 8.0 ZH	All colours	8.0	10.0	100
CY 10.0 ZH	All colours*	10.0	16.0 - 25.0	100
CY 12.0 ZH	All colours*	12.0	35.0	100
CY 15.0 ZH	All colours*	15.0	50.0	100

\*Minimum order quantities may apply.

Sizes up to 40mm can be produced, minimum order quantities apply. Please contact us for more details.





## PTFE sleeving



Polytetrafluoroethylene sleeving is used principally where a high operating temperature is required. PTFE benefits from a very low coefficient of friction and a high dielectric strength, excellent chemical resistance to most acids, alkalis and petroleum products.

## SPECIFICATIONS

**Material** Polytetrafluoroethylene  
**Colour** Natural (transparent). Other colours are available on request.  
**Operating temperature** -65°C to +250°C  
**Melting point** +327°C  
**Insulation resistance**  $1 \times 10^{11}$  ohm min  
**Dielectric strength** 24 kV/mm  
**Tensile strength** 24-35 MPa  
**Elongation at break** 250 to 450%  
**Flammability** Non-flammable  
**Specification** BS2848 Type 6 Class 250T, RoHS 2 compliant



## PTFE sleeving Coils

Part number	Nominal internal diameter (mm)	Nominal wall thickness (mm <sup>2</sup> )	Coil length (m)
PTFE 9	3.02	0.38	5
PTFE 10	2.72	0.30	5
PTFE 13	1.91	0.30	5
PTFE 17	1.27	0.30	5
PTFE 19	1.02	0.30	5
PTFE 20	0.89	0.30	5
PTFE 22	0.71	0.25	5

Many other diameters and colours are available, please contact our sales office for more details and a quote.



## Silicone rubber sleeving

Silicone rubber has a good resistance to low and high temperatures. It has good compatibility with numerous chemicals and excellent ageing characteristics. It is extremely useful for cable harnessing because of its high elasticity and flexibility. Silicone sleeving is halogen-free and ideally suited to rigorous environments such as aerospace, mass transit and defence markets.

## SPECIFICATIONS

**Material** Silicone rubber  
**Colour options** Red or black  
**Operating temperature** -60°C to +180°C  
**Intermittent temperature** 250°C  
**Tensile strength** 10 MPa  
**Insulation resistance dry**  $10 \times 10^2$  Ohm/cm  
**Elongation at break** 450%  
**Hardness** 60 IRHD  
**Tear strength** 18 kNm<sup>-1</sup>  
**Standards** BS2848/5/180TB. RoHS 2 compliant



Silicone sleeving can be cut to size as a special order. Other colours available on request. Minimum order quantities may apply.

## COLOUR OPTIONS

BLACK (BLK)

RED (RD)

## HOW TO ORDER

Part number	Colour	→	Final part number
SR1x0.5	RED		SR1x0.5 RD

## Silicone rubber sleeving Reels

Part number	Nominal support diameter (mm)	Nominal wall thickness (mm)	Reel size (m)
SR1x0.5 (COLOUR)	1.0	0.5	50
SR1.5x0.5 (COLOUR)	1.5	0.5	50
SR2x0.5 (COLOUR)	2.0	0.5	50
SR3x0.5 (COLOUR)	3.0	0.5	50
SR4x0.5 (COLOUR)	4.0	0.5	50
SR5x0.5 (COLOUR)	5.0	0.5	50

Other sizes are available, please contact our sales office for more details and a quote.

## KREMPFAST

Kremppfast was formed in 2009, and is a leading manufacturer and supplier of thermal insulation sleeveings, identification and moulded parts used in the protection of connectors and cable and wire harness assemblies.

The company is located in Wigan, and the distribution warehouse in Plymouth. Kremppfast was acquired by Cablecraft in 2014.

Kremppfast is also a leading distribution partner of TE Connectivity, DSG Canusa, Sumitomo SEI (Europe), supplying heat shrinkable tubing, shapes and identification products (which are manufactured in the EU).

### The industries we serve

Kremppfast is a global supplier of products to a diverse range of customers in a variety of industries which includes Automotive, Aerospace, Appliance, Communications, Electronics, Medical, Marine and Mass Transit.



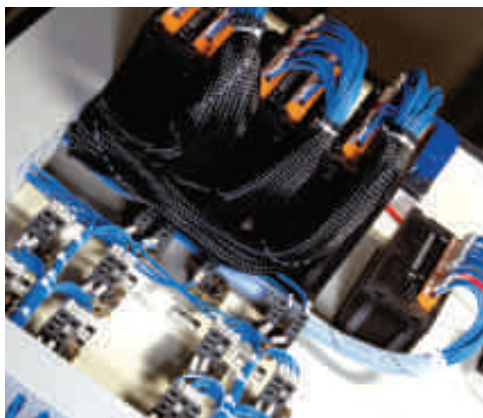
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### Why choose Kremppfast?

Kremppfast are experts in producing high quality Thermal Insulating and Expandable Braided Sleeving products, for protecting a wide range of electrical and engineering products.

A dynamic organisation which offers not only a huge range of standard products but also specialises in providing solutions to technically demanding complex projects.



## Our product range

The Kremppfast heatshrink tubing, moulding & identification range includes:-

- Thin wall and dual wall
- Identification
- Medium voltage
- Medium and heavy wall
- Moulded part and speciality parts
- Sumitomo



### Thermal insulation & EMI shielding products

Kremppfast has developed an extensive line of thermal protection products primarily designed to function as heat shields and includes the well-known Vidaflex, Varnitex and Isotex ranges.

The high temperature thermal protection materials used offer a protective barrier which protects wires and cables or sensors from an external heat source by reflecting and/or absorbing potentially damaging heat.

### Expandable braids & protective sleeving

A full range of expandable braided and retrofit woven PET, manufactured from synthetic monofilaments specially designed to offer mechanical, thermal and acoustic insulation which includes:-

- Nomex braided sleeving
- WrappaSleeve wrap around and self-adhesive braided sleeving
- Grey/black polyester sleeving

The composition of the braiding structure provides excellent resistance to most mechanical abrasions and repeated flexings.



## Braided sleeving

Braided sleeving is lightweight self-fitting and flexible. It provides tough protection for bundles, wires, cables and flexible pipe systems. Braided sleeving expands, which makes installation efficient even over large diameter transition and around bends. Ideal for use in automotive, control panel installation, rail traction and rolling stock, aerospace, military vehicles, submarines, ships and data telecommunications - especially used where cables are connected to moving parts and are constantly flexed.

### Standard braided sleeving

Our standard range is suitable for cables up to a maximum diameter of 140mm. The expansion effect (up to 300%) of this product enables a few sizes to cover a range of applications. Low smoke, low toxicity and halogen-free. Available in black or grey as standard - other colours available on request.



#### SPECIFICATIONS

**Material** Heat stabilised polyester

**Monofilament** Polyester size 0.22mm

**Melting point** +250°C

**Limiting oxygen index** 34%

**Continuous temperature** -50°C to +150°C

**Maximum working temperature** +250°C

#### Flame resistance

Passes flame requirement of CEI 332-1, FMVSS 302 (Type A)12 according to NF F16-101

#### Fumes toxicity/opacity

Passes CEI 754-1, CE 754-2, Low smoke, NFC20452 (polymer)

#### Chemical resistance

Unaffected by most chemicals, salt water and oil



Other colours are available on request: Red, blue, yellow, orange, brown, green, white, clear, purple striped and custom patterns. Minimum order quantities may apply.



Grey and black are standard colours. Other colours are available on request, minimum order quantities may apply.

#### Standard braided sleeving

Part number black	Part number grey	Minimum dia. (mm)	Maximum dia (mm)	Box quantity (m)
C 6TS/6-B	C 6TS/6-G	5	9	100
C 6TS/8-B	C 6TS/8-G	6	12	100
C 6TS/10-B	C 6TS/10-G	8	14	100
C 6TS/12-B	C 6TS/12-G	10	16	50
C 6TS/15-B	C 6TS/15-G	12	20	50
C 6TS/20-B	C 6TS/20-G	18	25	50
C 6TS/25-B	C 6TS/25-G	22	30	25
C 6TS/30-B	C 6TS/30-G	26	35	25
C 6TS/40-B	C 6TS/40-G	35	45	25
C 6TS/50-B	C 6TS/50-G	45	55	25
C 6TS/60-B	C 6TS/60-G	65	88	25
C 6TS/75-B	C 6TS/75-G	70	108	25
C 6TS/100-B	C 6TS/100-G	95	140	25

### Braided sleeving cutting tool

The 400°C, 100mm hot wire cutting machine cuts and welds all sizes of braided sleeving. The individual strands melt and fuse together, preventing the braided sleeving from fraying.



#### Braided sleeving cutting tool

Part number	Description
CBSC1	Braided sleeving cutting tool
CBSC1E	Spare elements (Pack of 10)



## Braided sleeving mini packs



Braided sleeving is lightweight, self-fitting and flexible. It is available in convenient mini packs, suitable for use with cables up to a maximum diameter of 55mm. It provides tough protection for bundles, wires, cables and flexible pipe systems. Ideal for use in automotive, rail traction and rolling stock, aerospace, military vehicles, submarines, ships and data telecommunications.

## SPECIFICATIONS

**Material** Heat stabilised polyester

**Colour options** Grey or black

**Monofilament** Polyester size 0.22mm

**Melting point** +250°C

**Limiting oxygen index** 34%

**Continuous temperature** -50°C to +150°C

**Maximum working temperature** +250°C

**Flame resistance**

Passes flame requirement of CEI 332-1, FMVSS 302 (Type A)12 according to NF F16-101

**Fumes toxicity/opacity**

Passes CEI 754-1, CE 754-2, Low smoke, NFC20452 (polymer)

**Chemical resistance**

Unaffected by most chemicals, salt water and oil



## Braided sleeving mini packs

Part number black	Part number grey	Minimum dia. (mm)	Maximum dia. (mm)	Box quantity (m)
MBB-6-BLK	MBB-6-GRY	5	9	10
MBB-8-BLK	MBB-8-GRY	6	12	10
MBB-10-BLK	MBB-10-GRY	8	14	10
MBB-15-BLK	MBB-15-GRY	12	20	10
MBB-20-BLK	MBB-20-GRY	18	25	10
MBB-30-BLK	MBB-30-GRY	26	35	10
MBB-40-BLK	MBB-40-GRY	35	45	10
MBB-50-BLK	MBB-50-GRY	45	55	10

## Nomex braided sleeving



A flexible tubular expandable sleeving, braided with Nomex (polyaryl-mide) multifilament fibres. This light weight braided product exhibits an exceptional thermal stability and chemical, solvent and abrasion resistance. The sleeving retains its integrity at temperatures over 245°C, (the melting point of nylon) or in the presence of beta, gamma and X-ray radiation or when exposed to high humidity or moisture.



The expandable construction allows the sleeving to be easily drawn on long lengths of wiring and cover a wide range of diameters with only a few product sizes. Used for a wide range of applications such as military, railway, marine and aerospace wiring and harnessing applications. Low smoke, low toxicity and halogen free.

## SPECIFICATIONS

**Material** Nomex (polyaryl-mide)

**Colour options** Olive green

**Operating temperature** -60°C to +240°C

**Flame retardant** Nomex does not melt or flow before 371°C UL94-V0

**Low temperature flexibility** To -60°C

**Bending strength**

50,000 bending cycles at +180°C

**Chemical resistance** Mineral acids, organic acids, alkalis, cleaning agents, salt solutions, unaffected by Freon, gasoline, jet fuel, ethylene glycol and methyl alcohol.

**Standards** MIL-C-43435B

## Nomex braided sleeving Reels

Part number	Minimum diameter (mm)	Maximum diameter (mm)	Reel quantity (m)
C6TS6-NOMEX	4	8	100
C6TS8-NOMEX	5	12	100
C6TS10-NOMEX	8	16	100
C6TS12-NOMEX	11	18	100
C6TS15-NOMEX	10	20	50
C6TS20-NOMEX	12	24	50
C6TS25-NOMEX	15	28	25
C6TS30-NOMEX	20	35	25

## Varnitex heat resistant glass braided sleeving



Heat resistant glass braided sleeving consists of textile glass with a braided construction which has a high thermal resistance and a specially developed impregnation of PU-acrylic resin-formulation. The combination of these two polymers allows the use of this sleeve in electrical insulation applications such as automobile, and applications with high thermal and mechanical demands. Available in white as standard. Other colours are available on request (minimum order quantities may apply); red, blue, green, black or brown. Available in coil lengths of 25 or 100 metres.



## SPECIFICATIONS

## Material

Varnitex glass fibre and acrylic resin

**Operating temperature** -40°C to +155°C

**Continuous temperature** Peak of +200°C

**Breakdown voltage** 2.5kV



## COLOUR OPTIONS

BLACK*	BLUE*	BROWN*
WHITE	GREY*	RED*

\*These standard colours are stocked in some sizes - see table below. All sizes available in white.

## HOW TO ORDER

Part no.	Colour	Final part number
GSS7	Grey	GSS7 GREY

## Varnitex glass braided sleeving Coils

Part number	Standard colour	Bore size (mm)	Coil length options	
			Coil length (m)	Coil length (m)
GSS3	White	3.0	25	100
GSS4 (COLOUR)*	White	4.0	25	100
GSS5	White	5.0	25	100
GSS6 (COLOUR)*	White	6.0	25	100
GSS7	White	7.0	25	100
GSS8 (COLOUR)*	White	8.0	25	100
GSS10 (COLOUR)*	White	10.0	25	100
GSS12 (COLOUR)*	White	12.0	25	100
GSS14	White	14.0	25	100
GSS16	White	16.0	25	100
GSS20	White	20.0	25	100

## Isotex silicone coated braided glass fibre sleeving



High quality braided glass fibre construction with a silicone rubber coating. Self-extinguishing according to UL 94 V0 and resistant against high temperatures and aggressive fluids or gases.

Ideal for high temperature rated domestic appliances, heating appliances and central heating boilers. Suitable for the insulation of winding lead outs, enabling the enamelled winding wire to be led directly into the terminal box. This sleeving is used extensively in the construction of wiring harnesses for use in motor vehicles.



## SPECIFICATIONS

**Material** Glass fibre and silicone coating

**Operating temperature** -40°C to +300°C

**Dielectric breakdown voltage** 1.5kV to 8kV; can be produced in self-extinguishing quality: UL 94 V0

**Dimensions (nom. dia)** 4.0 - 25mm

**Physically** Continuous temperature resistance as DIN/IEC 216 (50% residual elongation): 3000h at 180°C, 1000h at 200°C, 30h at 250°C. No significant changes within temperature scale; temperature resistance - (short time) max. +300°C (special adjustment)

**Chemical resistance** Resistant against UV, gamma radiation & ozone  
**Ecologically** Components conform VDA requirements; IMDS listed under article no. GS; free of asbestos; glass fibre non-carcinogenic; ecologically desirable; no risk for water

**Standards** To; Bosch N28-NS05; Ford SJM-99D9720-A; VW 751 51, Delphi MS010021

## COLOUR OPTIONS

BLACK	RED	WHITE	YELLOW	SILVER
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\*Black is standard. The other colours are available - min. order quantity may apply. Please contact Cablecraft for a quotation/advice.

## Isotex silicone coated braided sleeving Coils

Part number	Standard colour*	Supplied dia.(mm)	Wall thickness	Rating (Kv)	Coil length options		
					Coil length (m)**	Coil length (m)**	Min. order quantity (m)
SCB-4.0 (COLOUR)	Black	4.0	0.5	2.5	25	100	2000
SCB-5.0 (COLOUR)	Black	5.0	0.5	2.5	25	100	2000
SCB-6.0 (COLOUR)	Black	6.0	0.6	2.5	25	100	2000
SCB-8.0 (COLOUR)	Black	8.0	0.7	2.5	25	100	2000
SCB-10.0 (COLOUR)	Black	10.0	0.7	2.5	25	100	1000
SCB-12.0 (COLOUR)	Black	12.0	0.8	4.0	25	100	1000
SCB-15.0 (COLOUR)	Black	15.0	1.0	4.0	25	100	500
SCB-20.0 (COLOUR)	Black	20.0	1.2	4.0	25	100	500
SCB-25.0 (COLOUR)	Black	25.0	1.2	4.0	25	100	500

All sizes from 3-30mm can also be supplied (minimum order quantity may apply if not in stock).

\*\* Standard stocked length only (25m or 100m).

How to order  
Example

Part no.	SCB-15.0	Colour	YELLOW	Ordering code	SCB-15.0 YELLOW
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## Isoflex silicone coated knitted glass fibre sleeving



Isoflex silicone coated knitted glass fibre sleeve is developed for high mechanical requirements in production use. Our state of the art knitting procedure in connection with this silicone coating results in a high quality sleeve, good elasticity and compression behaviour.

Ideal for applications in all types of high temperature rated electrical equipment and appliances as primary insulation, or as a secondary reinforcing and protection for conductors in high heat zones and in areas of likely mechanical damage.

**SPECIFICATIONS**

**Material** Knitted glass fibre silicone coating

**Colour options** Black and red

**Operating temperature** -40°C to +300°C

**Dielectric breakdown voltage** 1.5kV

**Dimensions (nom. dia)** 4.0 - 20.0mm; Wall Thickness 0.5 to 1.2mm, tolerances conform to WSK 013 228

**Physically**

Permanent temperature resistance as DIN/IEC 216 (50% residual elongation): 3000h at 180°C, 1000h at 200°C, 30h at 250°C, no significant changes within temperature scale; temperature resistance - (short time) max. +300°C (special adjustment). Dielectric breakdown voltage at each point of the sleeve > 1.5kV; it can be produced in self-extinguishing quality as UL94-V0

**Chemical resistance**

Resistant against fuel and lubricants in case of temporary contact; excellent resistance against water, water glycol-mixture and salt spray fog. Cleaning agents; soaps etc.

**Ecologically**

Components conform VDA requirements; IMDS listed under article no. GS; free of asbestos; glass fibre non-carcinogenic; ecologically safe; no risk for water contamination

**Standards**

Bosch N28-NS05; Ford SJM-99D9720-A; VW 751 51; Delphi MS010021

**COLOUR OPTIONS****BLACK****RED**

\*Black is standard. Red is available (min. order quantity may apply). Please contact us for a quotation/advice.

**Isoflex silicone coated knitted glass fibre sleeving Coils**

Part number	Standard colour*	Supplied dia. (mm)	Wall thickness	Rating (Kv)	Coil length options	
					Coil length (m)	Min. order quantity (m)
SCK-4.0 (COLOUR)	Black	4.0	0.5	2.0	100	2000
SCK-5.0 (COLOUR)	Black	5.0	0.5	2.0	100	2000
SCK-6.0 (COLOUR)	Black	6.0	0.6	2.0	100	1000
SCK-8.0 (COLOUR)	Black	8.0	0.7	2.0	100	1000
SCK-10.0 (COLOUR)	Black	10.0	0.7	2.0	100	1000
SCK-12.0 (COLOUR)	Black	12.0	0.8	2.0	100	1000
SCK-15.0 (COLOUR)	Black	15.0	1.0	2.0	100	500
SCK-20.0 (COLOUR)	Black	20.0	1.2	2.0	100	500

All sizes from 3-30mm can also be supplied (minimum order quantity may apply if not in stock).

**How to order**  
Example

Part no. SCK-8.0 Colour RED → Ordering code SCK-8.0 RED

## Polytex polyurethane coated glass fibre sleeving



Made from braided glass fibre (E-glass, textile glass) with a special coating based on acrylic-PU-resin (PU-varnish). PU-varnish is cross-linked by UV-rays on the glass braiding resulting in a consistent coating with a glossy finish.

Excellent high dielectrical strength, high elasticity, high flexibility, good tensile strength and high resistance against transformer oil as well as solvents; styrene, xylene, ethanol. Widely used for the insulation of winding lead outs and joints on Class F rated induction motors and alternators and on transformer/choke winding lead outs.

**SPECIFICATIONS**

**Material** Polyurethane coated glass sleeving

**Operating temperature** Up to 155°C

**Dielectric strength** 5.0 kV

**Dimensions (nom. dia)** 1.0mm - 14.0mm

**Physically** Operational temperature up to +155°C, insulation class F, resistance to highest temperature of 225 °C, short-time only. UL 1441 Grade A acrylic coated glass fibre sleeve rated 155°C, 600 volts, conform to DIN 684

**Chemical resistance** Good resistance against transformer oil as well as several solvents; styrene, xylene, ethanol etc.

**Ecologically** Free of asbestos, physiologically harmless

**Standards** UL 1441. DIN 684

**COLOUR OPTIONS****BLACK****YELLOW****NATURAL****RED**

Standard colours - replace the - BK (BLACK option) in the part number with your colour choice.

**Polytex glass braided sleeving Coils**

Part number	Standard colour	Nominal diameter (mm)	Wall thickness (mm)	Rating (Kv)	Coil length options		
					Coil length (m)	Coil length (m)	Min. order quantity (m)
PCG-1.0-BK	Black	1.0	0.50+/-0.10	4.0	25	100	2000
PCG-2.0-BK	Black	2.0	0.50+/-0.10	4.0	25	100	2000
PCG-4.0-BK	Black	4.0	0.50+/-0.10	4.0	25	100	2000
PCG-5.0-BK	Black	5.0	0.50+/-0.10	4.0	25	100	2000
PCG-6.0-BK	Black	6.0	0.50+/-0.10	4.0	25	100	1000
PCG-8.0-BK	Black	8.0	0.70+/-0.15	4.0	25	100	1000
PCG-10.0-BK	Black	10.0	0.70+/-0.15	4.0	25	100	1000
PCG-12.0-BK	Black	12.0	0.70+/-0.15	4.0	25	100	500
PCG-14.0-BK	Black	14.0	0.70+/-0.15	4.0	25	100	500

All sizes from 3-30mm can also be supplied (minimum order quantity may apply if not in stock).

**How to order**  
Example

Part no. PCG-8.0 Colour YELLOW → Ordering code PCG-8.0 YELLOW



## Vidaflex 111 heat resistant glass braided sleeving

Heat resistant glass braided sleeving consists of textile glass with a braided construction which has a high thermal resistance and a specially developed impregnation of a silicone resin. The combination of these two polymers allows the use of this sleeve in electrical insulation applications such as automobile, and applications with high thermal and mechanical demands. Available in natural, black and red.

## SPECIFICATIONS

**Material** Glass fibre & silicone resin

**Colour options** Black, natural and red

**Maximum short term temperature** +450°C

**Breakdown voltage at 20°C** 1.0kV



## COLOUR OPTIONS

BLACK

NATURAL

RED

## HOW TO ORDER

Part number	Colour	Final part number
VIDAFLEX 111 3.0	RED	VIDAFLEX 111 3.0 RED



## Vidaflex 111 glass braided sleeving Coils

Part number	Bore size (mm)	Coil length	
		Coil length (m)	Min. order quantity (m)
VIDAFLEX 111 1.0	1.0	100	2000
VIDAFLEX 111 2.0	2.0	100	2000
VIDAFLEX 111 3.0	3.0	100	2000
VIDAFLEX 111 4.0	4.0	100	2000
VIDAFLEX 111 5.0	5.0	100	2000
VIDAFLEX 111 6.0	6.0	100	1000
VIDAFLEX 111 7.0	7.0	100	1000
VIDAFLEX 111 8.0	8.0	100	1000
VIDAFLEX 111 10.0	10.0	100	1000
VIDAFLEX 111 12.0	12.0	100	1000
VIDAFLEX 111 16.0	16.0	100	1000

## Vidaflex 942 acrylic resin coated braided glass fibre sleeving

High quality braided glass fibre construction with an acrylic resin coating. The coating gives the sleeve excellent flexibility allied to high abrasion resistance and mechanical strength. Suitable for the internal wiring of all types of electrical machines. Ideal for high temperature rated domestic appliances, heating appliances and central heating boilers, protection and insulation of leads and wiring harness in lamps and vehicles.

## SPECIFICATIONS

**Material** Acrylic resin coated braided glass fibre

**Operating temperature** -25°C to +155°C

**Intermittent temperature** 200°C

**Dielectric strength** 2.5 kV

**Resistance to flame** More than 45 secs. for 25mm

**Thermal class** 155 (Class F) according to IEC 60085

**Resistance to chemicals** Acids, alkalis - excellent; organic solvents - swells but does not separate; copper corrosion - nil.

**Standards** IEC 684-3 403/405

RoHS 2 compliant



## COLOUR OPTIONS

BLACK

YELLOW

RED OXIDE

## HOW TO ORDER

Part number	Colour	Final part number
VIDAFLEX 942 8.0	BLACK	VIDAFLEX 942 8.0 BLACK

## Vidaflex 942 sleeving Coils

Part number	Nominal inside dia. (mm)	Nominal wall thickness (mm)	Weight approx. (g/m)	Breakthrough voltage at 20°C (Kv)	Coil length	
					Coil size (m)	Min. order quantity (m)
VIDAFLEX 942 1.0	1.0	0.35	4	≥ 4.0	100	2000
VIDAFLEX 942 2.0	2.0	0.35	5	≥ 4.0	100	2000
VIDAFLEX 942 3.0	3.0	0.40	7	≥ 4.0	100	2000
VIDAFLEX 942 4.0	4.0	0.45	10	≥ 4.0	100	2000
VIDAFLEX 942 5.0	5.0	0.5	13	≥ 4.0	100	2000
VIDAFLEX 942 6.0	6.0	0.5	16	≥ 4.0	100	1000
VIDAFLEX 942 7.0	7.0	0.65	19	≥ 4.0	100	1000
VIDAFLEX 942 8.0	8.0	0.65	27	≥ 4.0	100	1000
VIDAFLEX 942 10.0	10.0	0.65	36	≥ 4.0	100	1000
VIDAFLEX 942 12.0	12.0	0.70	40	≥ 4.0	100	1000
VIDAFLEX 942 14.0	14.0	0.70	45	≥ 4.0	100	1000
VIDAFLEX 942 16.0	16.0	0.70	55	≥ 4.0	50	1000
VIDAFLEX 942 20.0	20.0	0.90	79	≥ 4.0	50	1000
VIDAFLEX 942 25.0	25.0	0.90	124	≥ 4.0	50	1000

## Vidaflex SD550 silicone rubber coated braided glass fibre sleeving

A close braided sleeving coated with silicone rubber offers good dielectric strength and moisture resistance. Silicone rubber is extremely flexible and has good resistance to transformer oils, weak acids, liquid fuels, water etc. Suitable for the protection and insulation of leads and wiring harness in many types of electrical machines, vehicles and electrical motors.

### SPECIFICATIONS

**Material** Silicone rubber coated glass fibre  
**Operating temperature** -60°C to +180°C  
**Intermittent temperature** 250°C  
**Dielectric strength** 7kV  
**Thermal class** 180 (Class H) according to IEC 60085  
**Resistance to chemicals** Oils, weak acids, liquid fuels, water  
**Standards** IEC 684-3 402, ASTM D-372 Type 5, NEMA VS-1 grade C. RoHS 2 compliant



### COLOUR OPTIONS

BLACK

RED OXIDE

### HOW TO ORDER

Part number  
VIDAFLEX SD550 5.0

Colour  
BLACK

→ Final part number  
VIDAFLEX SD550 5.0 BLACK

### Vidaflex SD550 sleeving Reels

Part number	Nominal inside dia. (mm)	Nominal wall thickness (mm)	Weight approx. (g/m)	Breakthrough voltage at 20°C (Kv)	Reel length	
					Reel size (m)	Min. order quantity (m)
VIDAFLEX SD550 1.0	1.0	0.60	6.5	≥ 7.0	100	2000
VIDAFLEX SD550 2.0	2.0	0.60	9	≥ 7.0	100	2000
VIDAFLEX SD550 3.0	3.0	0.60	11	≥ 7.0	100	2000
VIDAFLEX SD550 4.0	4.0	0.60	15	≥ 7.0	100	1000
VIDAFLEX SD550 5.0	5.0	0.60	19	≥ 7.0	100	1000
VIDAFLEX SD550 6.0	6.0	0.60	24	≥ 7.0	100	1000
VIDAFLEX SD550 7.0	7.0	0.60	28	≥ 7.0	100	1000
VIDAFLEX SD550 8.0	8.0	0.80	37	≥ 7.0	100	1000
VIDAFLEX SD550 10.0	10.0	0.80	45	≥ 7.0	100	1000
VIDAFLEX SD550 12.0	12.0	0.80	50	≥ 7.0	100	1000
VIDAFLEX SD550 14.0	14.0	0.80	60	≥ 7.0	100	1000
VIDAFLEX SD550 15.0	15.0	0.80	72	≥ 7.0	100	1000
VIDAFLEX SD550 16.0	16.0	0.80	88	≥ 7.0	100	1000
VIDAFLEX SD550 18.0	18.0	0.80	105	≥ 7.0	100	1000
VIDAFLEX SD550 20.0	20.0	0.80	123	≥ 7.0	100	1000
VIDAFLEX SD550 22.0	22.0	0.80	145	≥ 7.0	100	1000
VIDAFLEX SD550 25.0	25.0	0.80	180	≥ 7.0	100	1000

## Vidaflex S550 UL silicone rubber coated braided glass fibre sleeving

A close braided sleeving coated with silicone rubber giving good dielectric strength and moisture resistance. Silicone rubber is extremely flexible and has good resistance to chemicals. Suitable for Class H & C applications up to 220°C. Suitable for the protection and insulation of leads and wiring harness in household appliances, lamps, vehicles and electrical motors. This sleeving has UL approval.

### SPECIFICATIONS

**Material** Glass braided sleeving/silicone rubber coating  
**Operating temperature** -60°C to +180°C  
**Intermittent temperature** 250°C  
**Dielectric strength** 7kV  
**Flammability** Self extinguishing  
**Thermal class** 180 (Class H) according to IEC 60085  
**Resistance to chemicals** Oils, weak acids, liquid fuels, water & ozone, ultraviolet radiation  
**Standards** IEC 684-3 402, UL recognized E154100(M), ASTM D-372 Type 5, NEMA VS-1 grade C1. UL rating 600V. RoHS 2 compliant.



### COLOUR OPTIONS

BLACK

RED OXIDE

### HOW TO ORDER

Part no.  
VIDAFLEX S550 UL 4.0

Colour  
BLACK

→ Final part number  
VIDAFLEX S550 UL 4.0 BLACK

### Vidaflex S550 UL sleeving Reels

Part number	Nominal inside dia. (mm)	Nominal wall thickness (mm)	Weight approx. (g/m)	Breakthrough voltage at 20°C (Kv)	Reel length	
					Reel size (m)	Min. order quantity (m)
VIDAFLEX S550 UL 1.0	1.0	0.8	8	≥ 7.0	100	2000
VIDAFLEX S550 UL 2.0	2.0	0.8	9	≥ 7.0	100	2000
VIDAFLEX S550 UL 3.0	3.0	0.8	11	≥ 7.0	100	2000
VIDAFLEX S550 UL 4.0	4.0	0.8	15	≥ 7.0	100	1000
VIDAFLEX S550 UL 5.0	5.0	0.8	20	≥ 7.0	100	1000
VIDAFLEX S550 UL 6.0	6.0	0.8	24	≥ 7.0	100	1000
VIDAFLEX S550 UL 7.0	7.0	0.8	28	≥ 7.0	100	1000
VIDAFLEX S550 UL 8.0	8.0	0.8	35	≥ 7.0	100	1000
VIDAFLEX S550 UL 9.0	9.0	0.9	45	≥ 7.0	100	1000
VIDAFLEX S550 UL 10.0	10.0	0.9	50	≥ 7.0	100	1000
VIDAFLEX S550 UL 12.0	12.0	0.9	58	≥ 7.0	100	1000
VIDAFLEX S550 UL 14.0	14.0	0.9	72	≥ 7.0	100	1000
VIDAFLEX S550 UL 16.0	16.0	0.9	90	≥ 7.0	100	1000
VIDAFLEX S550 UL 18.0	18.0	0.9	108	≥ 7.0	100	1000
VIDAFLEX S550 UL 20.0	20.0	0.9	125	≥ 7.0	100	1000
VIDAFLEX S550 UL 22.0	22.0	0.9	145	≥ 7.0	100	1000
VIDAFLEX S550 UL 25.0	25.0	0.9	182	≥ 7.0	100	1000

## Vidaflex SD350 silicone rubber coated knitted glass fibre sleeving

A knitted sleeving which is coated with silicone rubber giving good dielectric strength and moisture resistance. Vidaflex SD350 is extremely flexible and has good resistance to transformer oils, weak acids, liquid fuels, water etc. Suitable for Class H & C applications up to 220°C.

### SPECIFICATIONS

**Material** Glass knitted sleeving/silicone rubber coating

**Operating temperature** -60°C to +180°C

**Intermittent temperature** 250°C

**Breakthrough voltage at 20 °C** 7.0 kV

**Flammability** Self extinguishing

**Thermal class** 180 (Class H) according to IEC 60085

**Resistance to chemicals** Oils, weak acids, liquid fuels, water & ozone, ultraviolet radiation.

**Standards** IEC 684-3 402, ASTM D-372 Type 5, NEMA VS-1 grade C1. UL rating 600V. RoHS 2 compliant.



### COLOUR OPTIONS

BLACK

RED OXIDE

### HOW TO ORDER

Part no.	Colour	→	Final part number
VIDAFLEX SD350 8.0	BLACK	→	VIDAFLEX SD350 8.0 BLACK

### Vidaflex SD350 sleeving Reels

Part number	Nominal inside dia. (mm)	Nominal wall thickness (mm)	Weight approx. (g/m)	Breakthrough voltage at 20°C (Kv)	Reel length	
					Reel size (m)	Min. order quantity (m)
VIDAFLEX SD350 1.0	1.0	0.8	10	≥ 7.0	100	2000
VIDAFLEX SD350 2.0	2.0	0.8	11	≥ 7.0	100	2000
VIDAFLEX SD350 3.0	3.0	0.8	13	≥ 7.0	100	2000
VIDAFLEX SD350 4.0	4.0	0.8	17	≥ 7.0	100	1000
VIDAFLEX SD350 5.0	5.0	0.8	19	≥ 7.0	100	1000
VIDAFLEX SD350 6.0	6.0	0.8	22	≥ 7.0	100	1000
VIDAFLEX SD350 7.0	7.0	0.8	26	≥ 7.0	100	1000
VIDAFLEX SD350 8.0	8.0	0.8	29	≥ 7.0	100	1000
VIDAFLEX SD350 9.0	9.0	0.8	32	≥ 7.0	100	1000
VIDAFLEX SD350 10.0	10.0	0.8	36	≥ 7.0	100	1000
VIDAFLEX SD350 12.0	12.0	1.0	45	≥ 7.0	100	1000
VIDAFLEX SD350 14.0	14.0	1.0	55	≥ 7.0	100	1000
VIDAFLEX SD350 16.0	16.0	1.0	64	≥ 7.0	100	1000
VIDAFLEX SD350 18.0	18.0	1.0	75	≥ 7.0	100	1000
VIDAFLEX SD350 20.0	20.0	1.0	88	≥ 7.0	100	1000
VIDAFLEX SD350 22.0	22.0	1.0	92	≥ 7.0	100	1000
VIDAFLEX SD350 24.0	24.0	1.0	117	≥ 7.0	100	1000
VIDAFLEX SD350 25.0	25.0	1.0	124	≥ 7.0	100	1000

## Vidaflex S350 UL silicone rubber coated knitted glass fibre sleeving

A knitted sleeving which is coated with UL approved silicone rubber giving good dielectric strength and moisture resistance. Vidaflex S350 is extremely flexible and has good resistance to transformer oils, weak acids, liquid fuels, water etc. Suitable for Class H & C applications up to 220°C.

### SPECIFICATIONS

**Material** Glass knitted sleeving/UL approved silicone rubber coating

**Operating temperature** -60°C to +180°C

**Intermittent temperature** 250°C

**Breakthrough voltage at 20 °C** 7.0 kV

**Flammability** Self extinguishing

**Thermal class** 180 (Class H) according to IEC 60085

**Resistance to chemicals** Oils, weak acids, liquid fuels, water & ozone ultraviolet radiation

**Standards** IEC 684-3 402, ASTM D-372 Type 5, NEMA VS-1 grade C1. UL rating 600V: E154100(M), RoHS 2 compliant



### COLOUR OPTIONS

BLACK

RED OXIDE

### HOW TO ORDER

Part number	Colour	→	Final part number
VIDAFLEX S350 20.0	RED OXIDE	→	VIDAFLEX S350 20.0 RED OXIDE

### Vidaflex S350 UL sleeving Reels

Part number	Nominal inside dia. (mm)	Nominal wall thickness (mm)	Weight approx. (g/m)	Breakthrough voltage at 20°C (Kv)	Reel length	
					Reel size (m)	Min. order quantity (m)
VIDAFLEX S350 1.0	1.0	0.8	10	≥ 7.0	100	2000
VIDAFLEX S350 2.0	2.0	0.8	11	≥ 7.0	100	2000
VIDAFLEX S350 3.0	3.0	0.8	13	≥ 7.0	100	2000
VIDAFLEX S350 4.0	4.0	0.8	17	≥ 7.0	100	1000
VIDAFLEX S350 5.0	5.0	0.8	19	≥ 7.0	100	1000
VIDAFLEX S350 6.0	6.0	0.8	22	≥ 7.0	100	1000
VIDAFLEX S350 7.0	7.0	0.8	26	≥ 7.0	100	1000
VIDAFLEX S350 8.0	8.0	0.8	29	≥ 7.0	100	1000
VIDAFLEX S350 9.0	9.0	0.8	32	≥ 7.0	100	1000
VIDAFLEX S350 10.0	10.0	0.8	36	≥ 7.0	100	1000
VIDAFLEX S350 12.0	12.0	1.0	45	≥ 7.0	100	1000
VIDAFLEX S350 14.0	14.0	1.0	55	≥ 7.0	100	1000
VIDAFLEX S350 16.0	16.0	1.0	64	≥ 7.0	100	1000
VIDAFLEX S350 18.0	18.0	1.0	75	≥ 7.0	100	1000
VIDAFLEX S350 20.0	20.0	1.0	88	≥ 7.0	100	1000
VIDAFLEX S350 22.0	22.0	1.0	92	≥ 7.0	100	1000
VIDAFLEX S350 24.0	24.0	1.0	117	≥ 7.0	100	1000
VIDAFLEX S350 25.0	25.0	1.0	124	≥ 7.0	100	1000



## Vidaflex HRS heat reflective braided glass fibre sleeving

A heat reflective braided sleeving which is coated with silicone rubber filled with a special inorganic reflective compound, giving good dielectric strength and moisture resistance. Vidaflex HRS can be employed to provide both primary and secondary insulation and to protect cables and other components from radiated heat. Used extensively in the construction of wiring harnesses for use in motor vehicles.

### SPECIFICATIONS

**Material** Glass braided sleeving with silicone rubber coating

**Colour** Silver

**Operating temperature** -60°C to +180°C

**Intermittent temperature** 250°C

**Breakthrough voltage at 20°C** 7.0 kV

**Flammability** Self extinguishing

**Thermal class** 180 (Class H) according to IEC 60085

**Resistance to chemicals** Oils, weak acids, liquid fuels, water

**Standards** IEC 684-3 402, ASTM D-372 Type 5, NEMA VS-1 grade C1. UL rating 600V. RoHS 2 compliant



### Vidaflex HRS sleeving Reels

Part number	Nominal inside dia. (mm)	Nominal wall thickness (mm)	Weight approx. (g/m)	Breakthrough voltage at 20°C (Kv)	Reel length	
					Reel size (m)	Min. order quantity (m)
VIDAFLEX HRS 5.0	5.0	0.6	18	≥ 7.0	100	1000
VIDAFLEX HRS 6.0	6.0	0.6	23.5	≥ 7.0	100	1000
VIDAFLEX HRS 8.0	8.0	0.8	37	≥ 7.0	100	1000
VIDAFLEX HRS 10.0	10.0	0.8	51	≥ 7.0	100	1000
VIDAFLEX HRS 20.0	20.0	1.0	120	≥ 7.0	100	1000

## Wrappa Sleeve - Standard wrap around sleeving



Wrappa Sleeve is a lightweight wrap around sleeving for all shapes of cables and harnesses with a 150% capacity. It provides flexibility, spring back and high resistance to abrasion. It is designed to protect wiring, cables, pipes, hoses and foam insulation from mechanical degradation arising from exposure to touch conditions in vibrating installations. It can be installed by opening up the sleeve, feeding over the application and releasing. It can be supplied with hook and loop fixing.

### SPECIFICATIONS

**Material** Woven polyethylene terephthalate

**Colour** Black

**Continuous temperature** -50°C to +150°C

**Melting temperature** 250°C

**Resistance to chemicals** Resistant to ammonium hydroxide, chlorine, diesel, detergents, ethanol, hydrochloric acid, inorganic solvents, mineral oils, white spirit and most chemicals and common fuels.



### Wrappa Sleeve Coils

Part number	Colour	Bore size (mm)	Quantity (m)
WRAP 5-HF-25m	Black	5.0	25
WRAP 8-HF-25m	Black	8.0	25
WRAP 13-HF-25m	Black	13.0	25
WRAP 19-HF-25m	Black	19.0	25
WRAP 25-HF-25m	Black	25.0	25
WRAP 30-HF-25m	Black	30.0	25
WRAP 38-HF-25m	Black	38.0	25