

Brush Strip and Sealing Solutions

KOTI BRUSHES





# Welcome to KLEENEZE-KOTI

The home of brush strip solutions

**KLEENEZE-KOTI is the UK's original and leading manufacturer of brush strip products. Because we focus entirely on brush strip, we have built up an unrivalled knowledge and expertise that enables us to provide creative solutions across commercial, domestic and industrial applications.**

Founded in Bristol in 1923, and now part of the KOTI group of companies, we offer a complete design, advisory and manufacturing service, providing friendly assistance in all aspects of brush strip technology. Much like our city's own industrial heritage and evolution, we are continually developing practical solutions to today's problems.

With quality systems approved to ISO 9001 our products are approved for use with private, military, transport and public authorities worldwide.

## We're here to help

Our brochure and website is packed full of design and product ideas, so whether you are a designer, specifier or end user, our brush strip provides the perfect solution.

Our extensive **SUPERSEAL** range of standard brush strip is available for next day delivery, but if you need something slightly different, we specialise in custom formed products to virtually any shape or size using the right materials to suit your application.

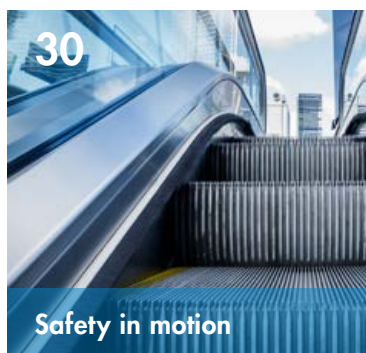
**Simply get in touch and we will be happy to help.**



ISO 9001  
FM20303



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## A brush with creativity

Brush strip from KLEENEZE-KOTI is one of the most versatile products available, providing creative and innovative solutions for thousands of applications from agriculture to aerospace.

The flexibility and independence of the brush strip filament enables the product to adapt easily to irregular contours and provides an effective seal against moving parts.

Brush strip will seal buildings and sensitive equipment against uncontrolled air infiltration to prevent energy loss, deter rodents, and protect against dirt, noise and cold smoke without impairing moving parts.

Specified extensively in aircraft, automotive and rail transport, SUPERSEAL and custom made brush strip seals compartments, panels, sliding doors, cable entries and control levers.

In manufacturing, brush strip will clean, smooth, polish and finish a range of materials from glass and wood to concrete and steel. As a guard, brush strip protects against accidental entrapment, flying swarf and cuttings, and will safely contain harmful dust and fumes.

Within desks, workstations and data cabinets, brush strip keeps equipment clean and cool whilst still allowing free access to add or relocate cables as necessary.

So, whether you are a designer, specifier or end user, brush strip from KLEENEZE-KOTI provides the perfect solution.





## Solve it with **SUPERSEAL**

### Standard range

Direct from the manufacturer, SUPERSEAL is the original and most extensive range of brush strip available in the UK.

With over 40 stock sizes to choose from, SUPERSEAL brush strip is hardwearing with excellent bend recovery, chemical resistance and wide working temperature range.

SUPERSEAL brush strip is proven to be up to 99% effective in preventing unwanted air leakage. For applications needing protection against fire and smoke, SUPERSEAL FR brush strip is fire retardant and halogen free with low smoke emission.

Available with a selection of durable aluminium carriers, SUPERSEAL can be cut, trimmed and finished with fixing holes, anodised and powder painted finishes quickly and conveniently.

### Custom made to your requirement

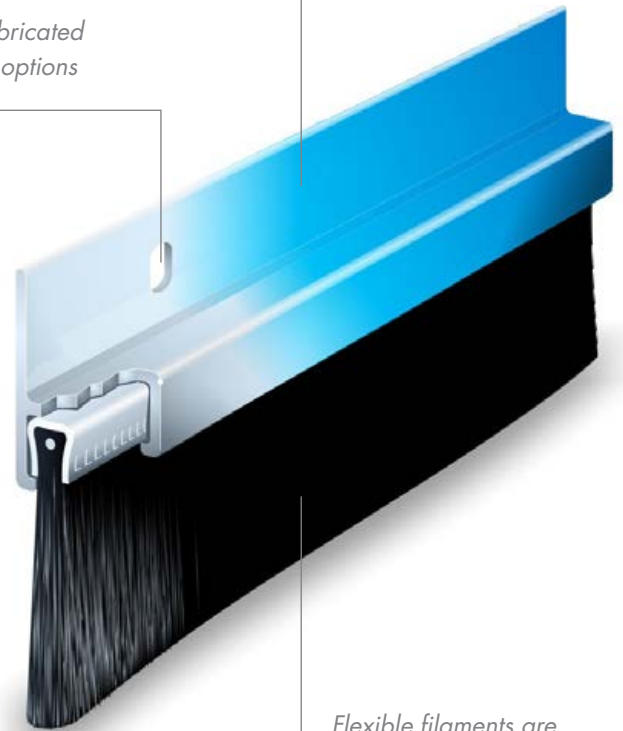
If you need something slightly different, we specialise in the design and manufacture of brush strip products to virtually any shape or size, using a comprehensive selection of fill materials.

Our aluminium carriers can be formed and fabricated complete with decorative and protective finishes to architectural, aircraft and marine specification. If we haven't got what you need, we'll even design a new carrier for you.

Get in touch on  
**+44 (0)117 958 2450**  
or visit us online at  
**[www.kleenezekoti.co.uk](http://www.kleenezekoti.co.uk)**

*Painted or anodised  
carrier finishes*

*Pre-fabricated  
fixing options*



*Flexible filaments are  
free to move independently*

### Up to 99% effective in preventing unwanted air loss

Independent tests undertaken by BSRIA showed SUPERSEAL brush strip to be up to 99% effective in blocking air leakage. The tests measured the sealing efficiency of SUPERSEAL brush strip across various gap sizes from 10mm to 100mm at static pressures ranging from 10 Pa up to 100 Pa.

# Brush strip

## SUPERSEAL standard range

A hardwearing brush strip with excellent bend recovery, chemical resistance and wide working temperature range. Suitable for fitting to your own carrier, SUPERSEAL is effective in sealing against air infiltration, dirt, dust, pests, noise and cold smoke without impairing moving parts. SUPERSEAL is available in a range of stock sizes or tailored to your requirements using any of our standard options.

For applications needing protection against fire and smoke, SUPERSEAL FR is constructed in Nylon FR-H, a fire retardant, halogen free material with low smoke emission.



## SUPERSEAL

### Features

- Hardwearing fill material
- Electroplated steel backing

### Options

- Custom sizes
- Fire retardant fill material

### How to specify

- Section code:
- Trim height (TH):
- Brush length (BL):
- Fill material:

SUPERSEAL standard brush strip							
Profile and dimensions						Fill material	
Section code	Section dimensions KW	KH	Trim height TH	Brush length BL max	Nylon Ø	Nylon FR Ø	
Extra light	M1 - Steel	1.7	2.0	13	3000	0.10	
				18	3000	0.15	0.15
Light	A1 - Steel	2.4	2.8	14	3000	0.15	
				19	3000	0.15	0.15
	B1 - Steel	3.8	3.8	19	3000	0.15	
				25	3000	0.15	
				32	3000	0.15	0.15
				38	3000	0.15	
Medium	C1 - Steel	4.5	4.9	44	3000	0.15	
				55	3000	0.15	
				22	3000	0.15	
				27	3000	0.20	
				32	3000	0.20	
				42	3000	0.20	
	D1 - Steel	6.1	6.5	46	3000	0.20	
				50	3000	0.20	
				57	3000	0.20	
				19	3000	0.20	
				25	3000	0.20	
				32	3000	0.20	
	E1 - Steel	6.7	7.8	38	3000	0.20	
				48	3000	0.20	
				51	3000	0.30	
				57	3000	0.30	0.30
				83	3000	0.30	
				109	3000	0.50	
Heavy	G1 - Steel	8.9	9.4	51	3000	0.30	
				60	3000	0.30	
				76	3000	0.30	
				85	3000	0.30	
				110	3000	0.40	
				45	3000	0.30	
	H1 - Steel	11.8	12.2	50	3000	0.30	
				57	3000	0.50	
				76	3000	0.30	0.30
				91	3000	0.40	
				114	3000	0.50	
				162	3000	0.60	
				229	3000	0.90	
				265	3000	0.90	
				315	3000	1.20	

All dimensions in mm

## Custom made

Brush strip custom made to your requirement using a comprehensive range of synthetic, natural or metallic fill materials.

Suitable for fitting to your own carrier or housing, brush strip trim profiles can be chamfered, tapered, castellated or shaped to suit your application.



### Custom made brush strip

Profile and dimensions		Fill material					
		Section dimensions		Trim height TH max	Brush length BL max	Synthetic	Wire
Section code		KW	KH			Ø max	Ø max
Extra light	M1 – Steel	1.7	2.0	38	3000	0.20	0.06
	M2 – Stainless steel	1.8	2.1	38	3000	0.20	0.06
Light	A1 – Steel	2.4	2.8	38	3000	0.25	0.13
	A2 – Stainless steel	2.5	2.8	38	3000	0.25	0.13
	A4 – Aluminium	2.5	2.8	38	3000	0.20	–
	B1 – Steel	3.8	3.8	100	3000	0.35	0.19
	B2 – Stainless steel	3.7	4.0	100	3000	0.35	0.19
	B4 – Aluminium	3.7	3.8	100	3000	0.25	–
Medium	C1 – Steel	4.5	4.9	120	3000	0.40	0.25
	C2 – Stainless steel	4.6	5.0	120	3000	0.40	0.25
	C4 – Aluminium	4.4	5.0	120	3000	0.35	–
	D1 – Steel	6.1	6.5	130	3000	0.50	0.30
	D2 – Stainless steel	6.1	6.4	130	3000	0.50	0.30
	E1 – Steel	6.7	7.8	130	3000	0.60	0.34
Heavy	E2 – Stainless steel	6.8	7.8	130	3000	0.60	0.34
	G1 – Steel	8.9	9.4	315	3000	0.90	0.46
	G2 – Stainless steel	8.7	9.4	315	3000	0.90	0.46
	H1 – Steel	11.8	12.2	365	3000	2.00	0.56
	H2 – Stainless steel	11.5	12.2	365	3000	2.00	0.56

All dimensions in mm

### Backing tape options

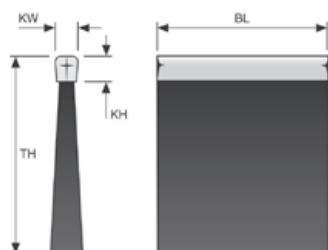
- Aluminium
- Electroplated steel
- Stainless steel

### Fill material options

- Abrasive
- Antistatic
- Fire retardant
- Natural hair or fibre
- Synthetic
- Wire
- Mixed materials

### How to specify

- Section code:
- Trim height (TH):
- Brush length (BL):
- Fill material:



Brush strip



# Brush strip with 180° aluminium carrier

## SUPERSEAL standard range

A hardwearing brush strip with excellent bend recovery, chemical resistance and wide working temperature range. Supplied complete with a durable 180° aluminium carrier, SUPERSEAL is effective in sealing against air infiltration, dirt, dust, pests, noise and cold smoke without impairing moving parts. SUPERSEAL is available in a range of stock sizes or tailored to your requirement using any of our standard options.

For applications needing protection against fire and smoke, SUPERSEAL FR is constructed in Nylon FR-H, a fire retardant, halogen free material with low smoke emission.



## SUPERSEAL

### Features

- Hardwearing fill material
- Electroplated steel backing
- Durable aluminium carrier

### Options

- Custom sizes
- Carrier fixing holes, slots or self-adhesive backing
- Anodised or powder painted carrier finishes
- Fire retardant fill material

### How to specify

- Profile:
- Carrier code and finish:
- Brush height (BH):
- Brush length (BL):
- Fill material:

SUPERSEAL standard brush strip with 180° carrier									
Profile and dimensions								Fill material	
	Profile	Carrier code	Carrier dimensions		KW	KT	Brush height BH	Brush length BL max	Nylon Ø
			KH	KH1					Nylon FR Ø
Extra light	MF	EA080	13.5	4.0	3.7	1.0	10	3000	0.10
							15	3000	0.15
Light	AF	EA033	16.7	5.6	5.2	1.4	10	3000	0.15
							15	3000	0.15
	BF	EA030	17.5	6.7	6.5	1.6	13	3000	0.15
							19	3000	0.15
							26	3000	0.15
							32	3000	0.15
Medium	CF	EA032	19.0	8.4	7.7	1.8	38	3000	0.15
							49	3000	0.15
							15	3000	0.15
							20	3000	0.20
							25	3000	0.20
							35	3000	0.20
	DF	EA031	28.0	10.8	10.0	1.9	39	3000	0.20
							43	3000	0.20
							50	3000	0.20
							11	3000	0.20
							17	3000	0.20
							24	3000	0.20
	EF	EA053	30.0	11.8	10.5	1.9	30	3000	0.20
							40	3000	0.20
							43	3000	0.20
							49	3000	0.30
							75	3000	0.30
							101	3000	0.50
Heavy	GF	EA034	34.0	14.5	13.5	2.0	42	3000	0.30
							51	3000	0.30
							67	3000	0.30
							76	3000	0.30
							101	3000	0.40
							33	3000	0.30
	HF	EA077	68.0	18.1	17.9	3.0	38	3000	0.30
							45	3000	0.50
							64	3000	0.30
							79	3000	0.40
							102	3000	0.50
							150	3000	0.60
							214	3000	0.90
							250	3000	0.90
							300	3000	1.20

All dimensions in mm



## Custom made

Brush strip with a 180° aluminium carrier custom made to your requirement using a comprehensive range of synthetic, natural or metallic fill materials. Brush trim profiles can be chamfered, tapered, castellated or shaped to suit your application.

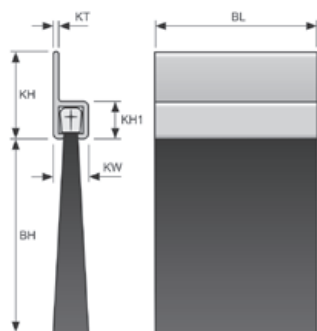
Our carrier fabrication and finishing service includes fixing holes, slots, shaped features, and a large range of decorative or protective finishes to architectural, aircraft and marine specification.



Custom made brush strip with 180° aluminium carrier

Profile and dimensions		Fill material								
		Carrier code	Carrier dimensions				Brush height BH max	Brush length BL max	Synthetic	
Section code			KH	KH1	KW	KT			Ø max	Wire Ø max
Extra light	M1 – Steel	EA080	13.5	4.0	3.7	1.0	34	3000	0.20	0.06
	M2 – Stainless steel	EA080	13.5	4.0	3.7	1.0	34	3000	0.20	0.06
Light	A1 – Steel	EA033	16.7	5.6	5.2	1.4	32	3000	0.25	0.13
	A2 – Stainless steel	EA033	16.7	5.6	5.2	1.4	32	3000	0.25	0.13
	A4 – Aluminium	EA033	16.7	5.6	5.2	1.4	32	3000	0.20	–
	B1 – Steel	EA030	17.5	6.7	6.5	1.6	94	3000	0.35	0.19
	B2 – Stainless steel	EA030	17.5	6.7	6.5	1.6	94	3000	0.35	0.19
	B4 – Aluminium	EA030	17.5	6.7	6.5	1.6	94	3000	0.25	–
Medium	C1 – Steel	EA032	19.0	8.4	7.7	1.8	112	3000	0.40	0.25
	C2 – Stainless steel	EA032	19.0	8.4	7.7	1.8	112	3000	0.40	0.25
	C4 – Aluminium	EA032	19.0	8.4	7.7	1.8	112	3000	0.35	–
	D1 – Steel	EA031	28.0	10.8	10.0	1.9	120	3000	0.50	0.30
	D2 – Stainless steel	EA031	28.0	10.8	10.0	1.9	120	3000	0.50	0.30
	E1 – Steel	EA031	30.0	11.8	10.5	1.9	120	3000	0.60	0.34
Heavy	E2 – Stainless steel	EA031	30.0	11.8	10.5	1.9	120	3000	0.60	0.34
	G1 – Steel	EA034	34.0	14.5	13.5	2.0	300	3000	0.90	0.46
	G2 – Stainless steel	EA034	34.0	14.5	13.5	2.0	300	3000	0.90	0.46
	H1 – Steel	EA077	68.0	18.1	17.9	3.0	350	3000	2.00	0.56
	H2 – Stainless steel	EA077	68.0	18.1	17.9	3.0	350	3000	2.00	0.56

All dimensions in mm



Brush strip with  
180° aluminium carrier

### Backing tape

- Aluminium
- Electroplated steel
- Stainless steel

### Fill materials

- Abrasive
- Antistatic
- Fire retardant
- Natural hair or fibre
- Synthetic
- Wire
- Mixed materials

### Carrier finishes

- Primed, anodised or powder painted

### How to specify

- Section code:
- Carrier code:
- Carrier finish:
- Brush height (BH):
- Brush length (BL):
- Fill material:

# Brush strip with 45° aluminium carrier

## SUPERSEAL standard range

A hardwearing brush strip with excellent bend recovery, chemical resistance and wide working temperature range. Supplied complete with a durable 45° aluminium carrier, SUPERSEAL is effective in sealing against air infiltration, dirt, dust, pests, noise and cold smoke without impairing moving parts. SUPERSEAL is available in a range of stock sizes or tailored to your requirement using any of our standard options.

For applications needing protection against fire and smoke, SUPERSEAL FR is constructed in Nylon FR-H, a fire retardant, halogen free material with low smoke emission.



## SUPERSEAL

### Features

- Hardwearing fill material
- Electroplated steel backing
- Durable aluminium carrier

### Options

- Custom sizes
- Carrier fixing holes, slots or self-adhesive backing
- Anodised or powder painted carrier finishes
- Fire retardant fill material

### How to specify

- Profile code:
- Carrier finish:
- Brush height (BH):
- Brush length (BL):
- Fill material:

	SUPERSEAL standard brush strip with 45° aluminium carrier									
	Profile and dimensions								Fill material	
	Profile	Carrier code	Carrier dimensions				Brush height BH	Brush length BL	Nylon Ø	Nylon FR Ø
			KH1	KH2	KW	KT				
Light	AR	EA059	5.6	12.0	5.2	1.4	10	3000	0.15	
							15	3000	0.15	0.15
	BR	EA060	6.7	16.0	6.5	1.6	13	3000	0.15	
							19	3000	0.15	
							26	3000	0.15	0.15
							32	3000	0.15	
							38	3000	0.15	
							49	3000	0.15	0.15
Medium	CR	EA062	8.4	17.0	7.7	1.8	15	3000	0.15	
							20	3000	0.20	
							25	3000	0.20	
							35	3000	0.20	
							39	3000	0.20	
							43	3000	0.20	
							50	3000	0.20	
	DR	EA036	10.8	24.0	10.0	1.9	11	3000	0.20	
							17	3000	0.20	
							24	3000	0.20	
							30	3000	0.20	
							40	3000	0.20	
							43	3000	0.20	
							49	3000	0.30	0.30
							75	3000	0.30	
							101	3000	0.50	
	ER	EA056	11.0	26.0	10.5	1.9	42	3000	0.30	
							51	3000	0.30	
							67	3000	0.30	
							76	3000	0.30	
							101	3000	0.40	
Heavy	GR	EA037	14.5	29.0	13.5	2.0	33	3000	0.30	
							38	3000	0.30	
							45	3000	0.50	
							64	3000	0.30	0.30
							79	3000	0.40	
							102	3000	0.50	
							150	3000	0.60	
	HR	EA078	18.0	50.0	17.9	3.0	214	3000	0.90	
						250	3000	0.90		
						300	3000	1.20		

All dimensions in mm



## Custom made

Brush strip with a 45° aluminium carrier custom made to your requirement using a comprehensive range of synthetic, natural or metallic fill materials. Brush trim profiles can be chamfered, tapered, castellated or shaped to suit your application.

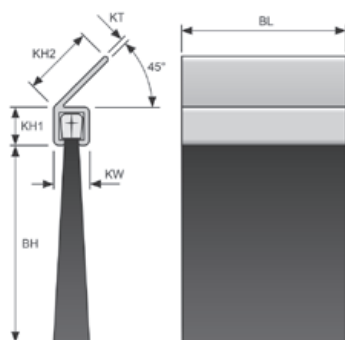
Our carrier fabrication and finishing service includes fixing holes, slots, shaped features, and a large range of decorative or protective finishes to architectural, aircraft and marine specification.



Custom made brush strip with 45° aluminium carrier

Profile and dimensions		Fill material								
Section code	Carrier code	Carrier dimensions				Brush height	Brush length	Synthetic	Wire	
		KH1	KH2	KW	KT	BH max	BL max	Ø max	Ø max	
Light	A1 – Steel	EA059	5.6	12.0	5.2	1.4	32	3000	0.25	0.13
	A2 – Stainless steel	EA059	5.6	12.0	5.2	1.4	32	3000	0.25	0.13
	A4 – Aluminium	EA059	5.6	12.0	5.2	1.4	32	3000	0.20	–
	B1 – Steel	EA060	6.7	16.0	6.5	1.6	94	3000	0.35	0.19
	B2 – Stainless steel	EA060	6.7	16.0	6.5	1.6	94	3000	0.35	0.19
Medium	B4 – Aluminium	EA060	6.7	16.0	6.5	1.6	94	3000	0.25	–
	C1 – Steel	EA062	8.4	17.0	7.7	1.8	112	3000	0.40	0.25
	C2 – Stainless steel	EA062	8.4	17.0	7.7	1.8	112	3000	0.40	0.25
	C4 – Aluminium	EA062	8.4	17.0	7.7	1.8	112	3000	0.35	–
	D1 – Steel	EA036	10.8	24.0	10.0	1.9	120	3000	0.50	0.30
	D2 – Stainless steel	EA036	10.8	24.0	10.0	1.9	120	3000	0.50	0.30
	E1 – Steel	EA056	11.8	26.0	10.5	1.9	120	3000	0.60	0.34
	E2 – Stainless steel	EA056	11.8	26.0	10.5	1.9	120	3000	0.60	0.34
Heavy	G1 – Steel	EA037	14.5	29.0	13.5	2.0	300	3000	0.90	0.46
	G2 – Stainless steel	EA037	14.5	29.0	13.5	2.0	300	3000	0.90	0.46
	H1 – Steel	EA078	18.1	50.0	17.9	3.0	350	3000	2.00	0.56
	H2 – Stainless steel	EA078	18.1	50.0	17.9	3.0	350	3000	2.00	0.56

All dimensions in mm



Brush strip with 45° aluminium carrier

### Backing tapes

- Aluminium
- Electroplated steel
- Stainless steel

### Fill materials

- Abrasive
- Antistatic
- Fire retardant
- Natural hair or fibre
- Synthetic
- Wire
- Mixed materials

### Carrier finishes

- Primed, anodised or powder painted

### How to specify

- Section code:
- Carrier code:
- Carrier finish:
- Brush height (BH):
- Brush length (BL):
- Fill material:



# Brush strip with 90° aluminium carrier

## SUPERSEAL standard range

A hardwearing brush strip with excellent bend recovery, chemical resistance and wide working temperature range. Supplied complete with a durable 90° aluminium carrier, SUPERSEAL is effective in sealing against air infiltration, dirt, dust, pests, noise and cold smoke without impairing moving parts. SUPERSEAL is available in a range of stock sizes or tailored to your requirement using any of our standard options.

For applications needing protection against fire and smoke, SUPERSEAL FR is constructed in Nylon FR-H, a fire retardant, halogen free material with low smoke emission.



## SUPERSEAL

### Features

- Hardwearing fill material
- Electroplated steel backing
- Durable aluminium carrier

### Options

- Custom sizes
- Carrier fixing holes, slots or self-adhesive backing
- Anodised or powder painted carrier finishes
- Fire retardant fill material

### How to specify

- Profile code:
- Carrier finish:
- Brush height (BH):
- Brush length (BL):
- Fill material:

	SUPERSEAL standard brush strip with 90° aluminium carrier															
	Profile and dimensions								Fill material							
	Profile	Carrier code	Carrier dimensions				Brush height BH	Brush length BL max	Nylon Ø	Nylon FR Ø						
			KH	KW	KW1	KT										
Extra light	MT	EA082	4.0	13.0	3.7	1.0	10	3000	0.10							
							15	3000	0.15	0.15						
Light	AT	EA058	5.6	14.0	5.2	1.4	10	3000	0.15							
							15	3000	0.15	0.15						
	BT	EA054	6.7	17.5	6.5	1.6	13	3000	0.15							
							19	3000	0.15							
							26	3000	0.15	0.15						
							32	3000	0.15							
							38	3000	0.15							
							49	3000	0.15	0.15						
Medium	CT	EA061	8.4	22.0	7.7	1.8	15	3000	0.15							
							20	3000	0.20							
							25	3000	0.20							
							35	3000	0.20							
							39	3000	0.20							
							43	3000	0.20							
	DT	EA052	10.8	27.0	10.0	1.9	50	3000	0.20							
							11	3000	0.20							
							17	3000	0.20							
							24	3000	0.20							
							30	3000	0.20							
							40	3000	0.20							
							43	3000	0.20							
							49	3000	0.20	0.30						
							75	3000	0.30							
							101	3000	0.50							
							ET	EA057	11.0	29.0	10.5	1.9	42	3000	0.30	
													51	3000	0.30	
67	3000	0.30														
76	3000	0.30														
101	3000	0.40														
Heavy	GT	EA035	14.5	35.0	13.5	2.0	33	3000	0.30							
							38	3000	0.30							
							45	3000	0.50							
							64	3000	0.30	0.30						
							79	3000	0.40							
	HT	EA079	18.0	68.0	17.9	3.0	102	3000	0.50							
							150	3000	0.60							
							214	3000	0.90							

All dimensions in mm

## Custom made

Brush strip with a 90° aluminium carrier custom made to your requirement using a comprehensive range of synthetic, natural or metallic fill materials. Brush trim profiles can be chamfered, tapered, castellated or shaped to suit your application.

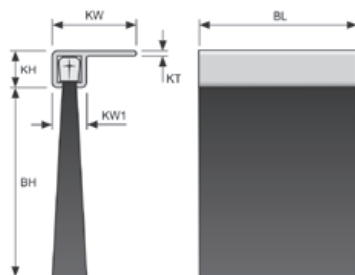
Our carrier fabrication and finishing service includes fixing holes, slots, shaped features, and a large range of decorative or protective finishes to architectural, aircraft and marine specification.



Custom made brush strip with 90° aluminium carrier

Profile and dimensions		Carrier code		Carrier dimensions				Fill material		
								Brush height	Brush length	Synthetic
Section code				KH	KW	KW1	KT	BH max	BL max	Ø max
Extra light	M1 – Steel	EA082	4.0	13.1	3.7	1.0	34	3000	0.20	0.06
	M2 – Stainless steel	EA082	4.0	13.1	3.7	1.0	34	3000	0.20	0.06
Light	A1 – Steel	EA058	5.6	14.0	5.2	1.4	32	3000	0.25	0.13
	A2 – Stainless steel	EA058	5.6	14.0	5.2	1.4	32	3000	0.25	0.13
	A4 – Aluminium	EA058	5.6	14.0	5.2	1.4	32	3000	0.20	–
	B1 – Steel	EA054	6.7	17.5	6.5	1.6	94	3000	0.35	0.19
	B2 – Stainless steel	EA054	6.7	17.5	6.5	1.6	94	3000	0.35	0.19
	B4 – Aluminium	EA054	6.7	17.5	6.5	1.6	94	3000	0.25	–
Medium	C1 – Steel	EA061	8.4	18.7	7.7	1.8	112	3000	0.40	0.25
	C2 – Stainless steel	EA061	8.4	18.7	7.7	1.8	112	3000	0.40	0.25
	C4 – Aluminium	EA061	8.4	18.7	7.7	1.8	112	3000	0.35	–
	D1 – Steel	EA052	10.8	27.0	10.0	1.9	120	3000	0.50	0.30
	D2 – Stainless steel	EA052	10.8	27.0	10.0	1.9	120	3000	0.50	0.30
	E1 – Steel	EA057	11.8	29.0	10.5	1.9	120	3000	0.60	0.34
Heavy	E2 – Stainless steel	EA057	11.8	29.0	10.5	1.9	120	3000	0.60	0.34
	G1 – Steel	EA035	14.5	35.0	13.5	2.0	300	3000	0.90	0.46
	G2 – Stainless steel	EA035	14.5	35.0	13.5	2.0	300	3000	0.90	0.46
	H1 – Steel	EA079	18.1	67.9	17.9	3.0	350	3000	2.00	0.56
	H2 – Stainless steel	EA079	18.1	67.9	17.9	3.0	350	3000	2.00	0.56

All dimensions in mm



Brush strip with 90° aluminium carrier

### Backing tapes

- Aluminium
- Electroplated steel
- Stainless steel

### Fill materials

- Abrasive
- Antistatic
- Fire retardant
- Natural hair or fibre
- Synthetic
- Wire
- Mixed materials

### Carrier finishes

- Primed, anodised or powder painted

### How to specify

- Section code:
- Carrier code:
- Carrier finish:
- Brush height (BH):
- Brush length (BL):
- Fill material:

# Brush strip with rebate aluminium carrier

Brush strip with rebate carrier is ideal for applications where a concealed fitting is required and is effective in sealing against air infiltration, dirt, dust, pests, noise and cold smoke without impairing moving parts.

SUPERSEAL standard range is a hardwearing brush strip available in Nylon and Nylon FR-H, a fire retardant, halogen free material with low smoke emission.

If you need something slightly different, these brush strips can be custom made to your requirement using a comprehensive range of synthetic, natural or metallic fill materials. Brush trim profiles can be chamfered, tapered, castellated or shaped to suit your application. Carriers can be supplied with decorative or protective finishes to architectural, aircraft and marine specification.



## SUPERSEAL

SUPERSEAL standard brush strip with rebate aluminium carrier

Profile and dimensions		Carrier dimensions		Brush height		Brush length		Fill material	
								Nylon	Nylon FR
Profile	Carrier code	KH	KW	BH	BL	Ø	Ø		
Light	AT	EA136	5.5	5.5	10	3000	0.15		
					15	3000	0.15	0.15	
	BT	EA094	6.5	7.8	14	3000	0.15		
					19	3000	0.15		
					26	3000	0.15	0.15	
					32	3000	0.15		
					38	3000	0.15		
					49	3000	0.15	0.15	

All dimensions in mm

Custom made brush strip with rebate aluminium carrier

Profile and dimensions		Carrier dimensions		Brush height		Brush length		Fill material	
								Synthetic	Wire
Section code	Carrier code	KH	KW	BH max	BL max	Ø max	Ø max		
Light	A1 – Steel	EA136	5.5	5.5	32	3000	0.25	0.13	
	A2 – Stainless steel	EA136	5.5	5.5	32	3000	0.25	0.13	
	A4 – Aluminium	EA136	5.5	5.5	32	3000	0.20	–	
	B1 – Steel	EA094	6.5	7.8	95	3000	0.35	0.19	
	B2 – Stainless steel	EA094	6.5	7.8	95	3000	0.35	0.19	
	B4 – Aluminium	EA094	6.5	7.8	95	3000	0.25	–	

All dimensions in mm

### Backing tapes

- Aluminium
- Electroplated steel
- Stainless steel

### Fill materials

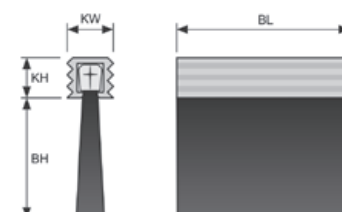
- Fire retardant
- Natural hair
- Synthetic
- Wire

### Carrier finishes

- Anodised or powder painted

### How to specify

- Section code:
- Carrier code:
- Carrier finish:
- Brush height (BH):
- Brush length (BL):
- Fill material:



Brush strip with rebate aluminium carrier



## Brush strip with integral flange

Brush strip with an integral fixing flange provides a practical alternative for applications where you need to mount the brush strip directly, but standard aluminium carriers are unsuitable.

With the fixing flange formed integrally from the spine, these brush strips are custom made to your requirement using a comprehensive range of synthetic, natural or metallic fill materials.

Brush strips can be provided with fixing holes or machined features to suit your application.



### Brush strip with integral flange

	Profile and dimensions							Fill material	
	Profile	Profile angle	Profile dimensions			Brush height BH max	Brush length BL max	Synthetic Ø max	Wire Ø max
			KH	KH1	KW				
Medium	6a-15 – Steel	180°	15,0	7,0	6,0	75	3000	0,50	0,30
	6a-15 – Stainless steel	180°	15,0	7,0	6,0	75	3000	0,50	0,30
	6a-25 – Steel	180°	25,0	7,0	6,0	75	3000	0,50	0,30
	6a-25 – Stainless steel	180°	25,0	7,0	6,0	75	3000	0,50	0,30
	6a-35 – Steel	180°	35,0	7,0	6,0	75	3000	0,50	0,30
	6a-35 – Stainless steel	180°	35,0	7,0	6,0	75	3000	0,50	0,30
	6d-40 – Steel	180°	40,0	10,5	10,0	190	3000	0,80	0,50
	6d-40 – Stainless steel	180°	40,0	10,5	10,0	190	3000	0,80	0,50
	6d-50 – Steel	180°	50,0	10,5	10,0	190	3000	0,80	0,50
	6d-50 – Stainless steel	180°	50,0	10,5	10,0	190	3000	0,80	0,50
	6c-23 – Steel	90°	7,0	23,0	6,0	75	3000	0,50	0,30
	6c-23 – Stainless steel	90°	7,0	23,0	6,0	75	3000	0,50	0,30
	6c-50 – Steel	90°	10,5	50,0	10,0	190	3000	0,80	0,50
	6c-50 – Stainless steel	90°	10,5	50,0	10,0	190	3000	0,80	0,50

All dimensions in mm

### Backing tapes

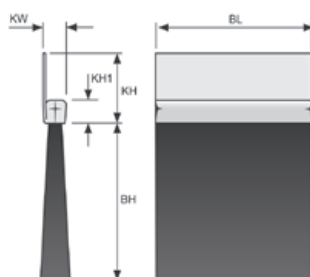
- Electroplated steel
- Stainless steel

### Fill materials

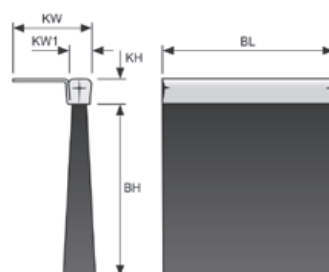
- Fire retardant
- Natural hair
- Synthetic
- Wire

### How to specify

- Profile code:
- Brush height (BH):
- Brush length (BL):
- Fill material:



Brush strip with  
180° integral flange



Brush strip with  
90° integral flange

# Brush strip with internal form

## Brush strip

Internal form brush strip is custom made to your requirement using a comprehensive range of synthetic, natural or metallic fill materials in either segment, single ring, close coil or extended coil configuration. Ideal for sealing and protecting cable entries, rotating shafts, drums, turntables and other equipment.



Brush strip - Internal form						
Profile and dimensions				Fill material		
Section code	Section dimensions		Outside diameter	Synthetic	Wire	
	KW	KH	BD min	Ø max	Ø max	
Extra light	M1 – Steel	1.7	2.0	20	0.20	0.06
	M2 – Stainless steel	1.8	2.1	35	0.20	0.06
Light	A1 – Steel	2.4	2.8	20	0.25	0.13
	A2 – Stainless steel	2.5	2.8	35	0.25	0.13
	B1 – Steel	3.8	3.8	48	0.35	0.19
	B2 – Stainless steel	3.7	4.0	65	0.35	0.19
Medium	C1 – Steel	4.5	4.9	60	0.40	0.25
	C2 – Stainless steel	4.6	5.0	70	0.40	0.25
	D1 – Steel	6.1	6.5	65	0.50	0.30
	D2 – Stainless steel	6.1	6.4	80	0.50	0.30
	E1 – Steel	6.7	7.8	100	0.60	0.34
	E2 – Stainless steel	6.8	7.8	120	0.60	0.34
Heavy	G1 – Steel	8.9	9.4	152	0.90	0.46
	G2 – Stainless steel	8.7	9.4	165	0.90	0.46
	H1 – Steel	11.8	12.2	254	2.00	0.56
	H2 – Stainless steel	11.5	12.2	305	2.00	0.56

All dimensions in mm

### Backing tapes

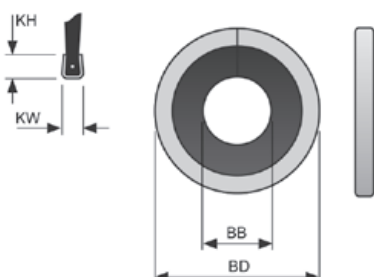
- Electroplated steel
- Stainless steel

### Fill materials

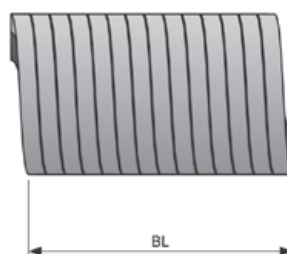
- Abrasive
- Antistatic
- Fire retardant
- Natural hair or fibre
- Synthetic
- Wire
- Mixed materials

### How to specify

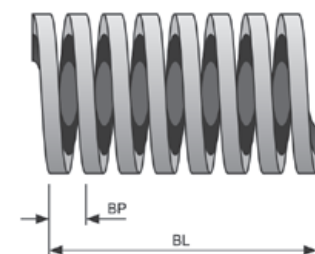
- Section code:
- Segment:
- Outside diameter (BD): or inside diameter (BB):
- Fill material:
- Brush length (BL):
- Brush pitch (BP):
- RH or LH coil:



Brush strip with internal form; Single ring or segment



Brush strip with internal form; Close coil



Brush strip with internal form; Extended coil

## Brush strip with aluminium carrier

Internal form brush strip is custom made to your requirement using a comprehensive range of synthetic, natural or metallic fill materials in either segment, single ring, close coil or extended coil configuration. Ideal for sealing and protecting cable entries, rotating shafts, drums, turntables and other equipment.

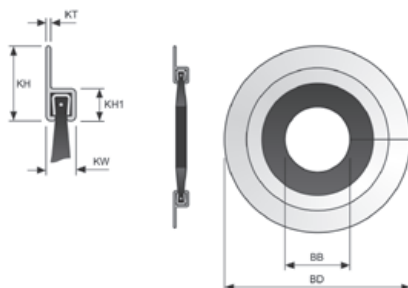
Aluminium carriers can be provided with fixing holes, slots, shaped features, and a large range of decorative or protective finishes to architectural, aircraft and marine specification.



Brush strip with aluminium carrier - Internal form

Profile and dimensions		Fill material							
		Carrier code	Carrier dimensions				Outside diameter BD min	Synthetic	
Section code			KH	KH1	KW	KT		Ø max	Wire Ø max
Extra light	M1 – Steel	EA080	13.5	4.0	3.7	1.0	110	0.20	0.06
	M2 – Stainless steel	EA080	13.5	4.0	3.7	1.0	110	0.20	0.06
Light	A1 – Steel	EA033	16.7	5.6	5.2	1.4	110	0.25	0.13
	A2 – Stainless steel	EA033	16.7	5.6	5.2	1.4	110	0.25	0.13
	B1 – Steel	EA030	17.5	6.7	6.5	1.6	150	0.35	0.19
	B2 – Stainless steel	EA030	17.5	6.7	6.5	1.6	150	0.35	0.19
Medium	C1 – Steel	EA032	19.0	8.4	7.7	1.8	155	0.40	0.25
	C2 – Stainless steel	EA032	19.0	8.4	7.7	1.8	155	0.40	0.25
	D1 – Steel	EA031	28.0	10.8	10.0	1.9	210	0.50	0.30
	D2 – Stainless steel	EA031	28.0	10.8	10.0	1.9	210	0.50	0.30
	E1 – Steel	EA053	30.0	11.8	10.5	1.9	243	0.60	0.34
	E2 – Stainless steel	EA053	30.0	11.8	10.5	1.9	243	0.60	0.34
Heavy	G1 – Steel	EA034	34.0	14.5	13.5	2.0	320	0.90	0.46
	G2 – Stainless steel	EA034	34.0	14.5	13.5	2.0	320	0.90	0.46

All dimensions in mm



Brush strip and carrier;  
Internal form

### Backing tapes

- Electroplated steel
- Stainless steel

### Fill materials

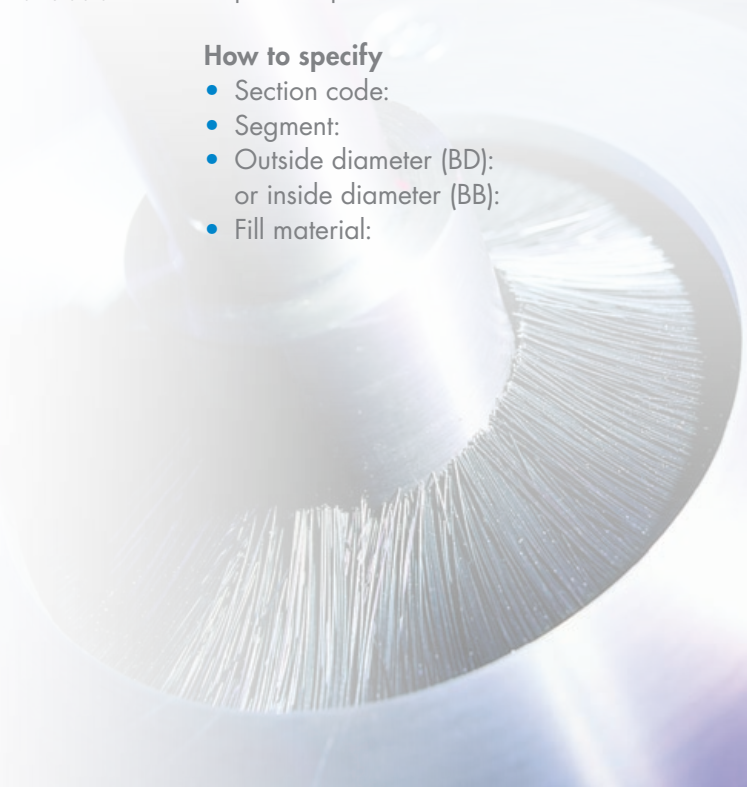
- Abrasive
- Antistatic
- Fire retardant
- Natural hair and fibre
- Synthetic
- Wire
- Mixed materials

### Carrier finishes

- Primed, anodised or powder painted

### How to specify

- Section code:
- Segment:
- Outside diameter (BD):  
or inside diameter (BB):
- Fill material:





# Brush strip with cup form

## Brush strip

Cup form brush strip is custom made to your requirement using a comprehensive range of synthetic, natural or metallic fill materials in either segment or single ring configuration.

Ideal for sealing vacuum, shot blast, routing and sanding heads, curved apertures and control lever slots, turntables and rotating equipment.



Brush strip - Cup form								
Profile and dimensions							Fill material	
Section code	Section dimensions		Inside diameter	Outside diameter	Trim height	Synthetic	Wire	
	KW	KH	BB min	BD min	TH max			
Extra light	M1 – Steel	1.70	2.00	15	19	38	0.20	0.06
	M2 – Stainless steel	1.80	2.10	25	29	38	0.20	0.06
Light	A1 – Steel	2.40	2.80	10	15	38	0.25	0.13
	A2 – Stainless steel	2.50	2.80	15	20	38	0.25	0.13
	B1 – Steel	3.80	3.80	25	33	100	0.35	0.19
	B2 – Stainless steel	3.70	4.00	30	38	100	0.35	0.19
Medium	C1 – Steel	4.50	4.90	30	39	120	0.40	0.25
	C2 – Stainless steel	4.60	5.00	35	44	120	0.40	0.25
	D1 – Steel	6.10	6.50	30	42	130	0.50	0.30
	D2 – Stainless steel	6.10	6.40	40	52	130	0.50	0.30
	E1 – Steel	6.70	7.80	45	59	130	0.60	0.34
	E2 – Stainless steel	6.80	7.80	55	69	130	0.60	0.34
Heavy	G1 – Steel	8.90	9.40	55	74	160	0.90	0.46
	G2 – Stainless steel	8.70	9.40	65	84	160	0.90	0.46
	H1 – Steel	11.80	12.20	70	95	350	2.00	0.56
	H2 – Stainless steel	11.50	12.20	80	105	350	2.00	0.56

All dimensions in mm

## Backing tapes

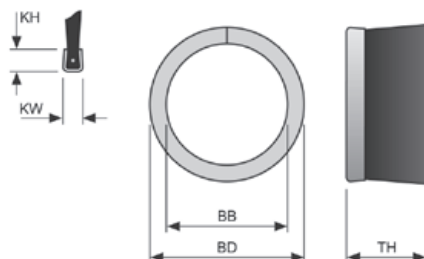
- Electroplated steel
- Stainless steel

## Fill materials

- Abrasive
- Antistatic
- Fire retardant
- Natural hair and fibre
- Synthetic
- Wire
- Mixed materials

## How to specify

- Section code:
- Segment:
- Inside diameter (BB):  
or outside diameter (BD):
- Trim height (TH):
- Fill material:



Brush strip with cup form;  
Single ring or segment

## Brush strip with aluminium carrier

Cup form brush strip with aluminium carrier is custom made to your requirement using a comprehensive range of synthetic, natural or metallic fill materials in either segment or single ring formation.

Our carrier fabrication and finishing service includes fixing holes, slots, shaped features, and a large range of decorative or protective finishes to architectural, aircraft and marine specification.



Brush strip with aluminium carrier - Cup form

Profile and dimensions		Carrier code		Carrier dimensions				Fill material			
								Inside diameter	Outside diameter	Synthetic	Wire
Section code				KH	KH1	KW	KT	BB min	BD min	Ø max	Ø max
Extra light	M1 - Steel	EA080	13.5	4.0	3.7	1.0	95	105	0.20	0.06	
	M2 - Stainless steel	EA080	13.5	4.0	3.7	1.0	95	105	0.20	0.06	
Light	A1 - Steel	EA033	16.7	5.6	5.2	1.4	95	105	0.25	0.13	
	A2 - Stainless steel	EA033	16.7	5.6	5.2	1.4	95	105	0.25	0.13	
	B1 - Steel	EA030	17.5	6.7	6.5	1.6	95	110	0.35	0.19	
	B2 - Stainless steel	EA030	17.5	6.7	6.5	1.6	95	110	0.35	0.19	
Medium	C1 - Steel	EA032	19.0	8.4	7.7	1.8	100	120	0.40	0.25	
	C2 - Stainless steel	EA032	19.0	8.4	7.7	1.8	100	120	0.40	0.25	
	D1 - Steel	EA031	28.0	10.8	10.0	1.9	170	190	0.50	0.30	
	D2 - Stainless steel	EA031	28.0	10.8	10.0	1.9	170	190	0.50	0.30	
	E1 - Steel	EA053	30.0	11.8	10.5	1.9	185	210	0.60	0.34	
	E2 - Stainless steel	EA053	30.0	11.8	10.5	1.9	185	210	0.60	0.34	
Heavy	G1 - Steel	EA034	34.0	14.5	13.5	2.0	300	300	0.90	0.46	
	G2 - Stainless steel	EA034	34.0	14.5	13.5	2.0	300	300	0.90	0.46	

All dimensions in mm

### Backing tapes

- Electroplated steel
- Stainless steel

### Fill materials

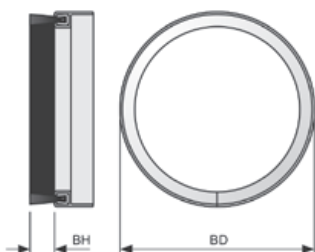
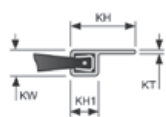
- Abrasive
- Antistatic
- Fire retardant
- Natural hair and fibre
- Synthetic
- Wire
- Mixed materials

### Carrier finishes

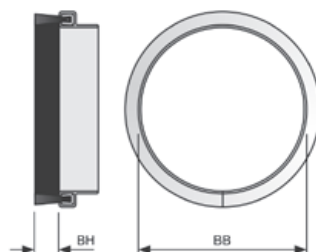
- Primed, anodised or powder painted

### How to specify

- Section code:
- Segment:
- Inside diameter (BB):  
or outside diameter (BD):
- Brush height (BH):
- Fill material:



Brush strip and carrier;  
Cup form with external flange



Brush strip and carrier;  
Cup form with internal flange

## Brush strip with external form

External form brush strip is custom made to your requirement in either segment, single ring, close coil or extended coil configuration using a comprehensive range of synthetic, natural or metallic fill materials.

Ideal for cleaning and treating surfaces, tensioning, supporting and gently applying pressure to materials.



Brush strip - External form						
Profile and dimensions				Fill material		
Section code	Section dimensions		Inside diameter	Synthetic	Wire	
	KW	KH	BB min	Ø max	Ø max	
Extra light	M1 – Steel	1.70	2.00	5	0.20	0.06
	M2 – Stainless steel	1.80	2.10	10	0.20	0.06
Light	A1 – Steel	2.40	2.80	6.5	0.25	0.13
	A2 – Stainless steel	2.50	2.80	10	0.25	0.13
	B1 – Steel	3.80	3.80	9.5	0.35	0.19
	B2 – Stainless steel	3.70	4.00	12.5	0.35	0.19
Medium	C1 – Steel	4.50	4.90	12.5	0.40	0.25
	C2 – Stainless steel	4.60	5.00	19	0.40	0.25
	D1 – Steel	6.10	6.50	22	0.50	0.30
	D2 – Stainless steel	6.10	6.40	25	0.50	0.30
	E1 – Steel	6.70	7.80	32	0.60	0.34
	E2 – Stainless steel	6.80	7.80	38	0.60	0.34
Heavy	G1 – Steel	8.90	9.40	44.5	0.90	0.46
	G2 – Stainless steel	8.70	9.40	51	0.90	0.46
	H1 – Steel	11.80	12.20	76	2.00	0.56
	H2 – Stainless steel	11.50	12.20	89	2.00	0.56

All dimensions in mm.

### Backing tapes

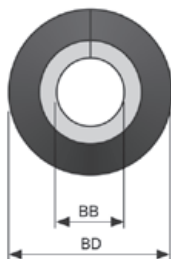
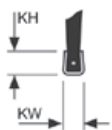
- Electroplated steel
- Stainless steel

### Fill materials

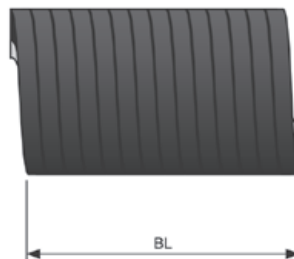
- Abrasive
- Antistatic
- Fire retardant
- Natural hair and fibre
- Synthetic
- Wire
- Mixed materials

### How to specify

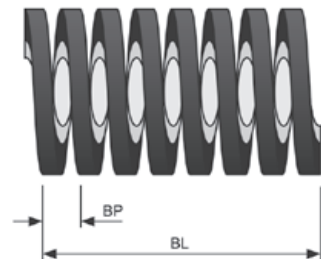
- Section code:
- Segment:
- Inside diameter (BB):
- Outside diameter (BD):
- Fill material:
- Brush length (BL):
- Brush pitch (BP):
- RH or LH coil:



Brush strip with external form;  
Single ring or segment



Brush strip with external form;  
Close coil



Brush strip with external form;  
Extended coil



## Custom shapes and profiles

For applications that require something other than our conventional forms, we can provide brush strip to your own particular shape, with or without aluminium carriers.

Using a comprehensive range of synthetic, natural or metallic fill materials, brush strip may be chamfered, angled, castellated or trimmed to 90° corners. More complex profiles can often be achieved using a combination of smaller sections.

Carriers can be provided with fixing holes, slots and custom machining, complete with anodised and RAL powder painted finishes, or primed and treated to marine and aerospace requirement.

Send us a drawing or let us know your requirements and we'll design a solution. We'll even design a new profile for you.

**Simply get in touch and we'll be happy to help**



### Backing tapes

- Aluminium
- Electroplated steel
- Stainless steel

### Fill materials

- Abrasive
- Antistatic
- Fire retardant
- Natural hair and fibre
- Synthetic
- Wire
- Mixed materials

### Carrier finishes

- Primed, anodised or powder painted



# Roller brushes

## Spiral strip

Spiral strip roller brushes provide a high density fill and can be configured in close coil, extended coil or chevron formation.

A comprehensive range of synthetic, wire, natural hair, plant fibre, antistatic and fire retardant fill materials is available to suit all applications from print roll cleaning and glass washing to sweeping, tensioning and concrete texturing. Spiral strip roller brushes can be supplied complete or fitted to customers own shaft. We also offer a refurbishment service for existing roller brushes.



Spiral strip roller brushes				
Type and dimensions			Fill material	
Type	Brush diameter	Brush length	Synthetic	Wire
	BD min - max	BL Min - max	Ø max	Ø max
STS	20 - 600	50 - 6000	1.40	0.56

All dimensions in mm

### Fill materials

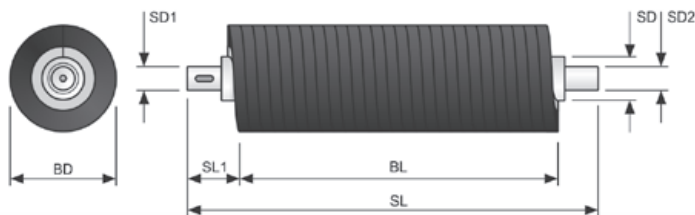
- Abrasive
- Antistatic
- Fire retardant
- Natural hair and fibre
- Synthetic
- Wire
- Mixed materials

### Shaft materials

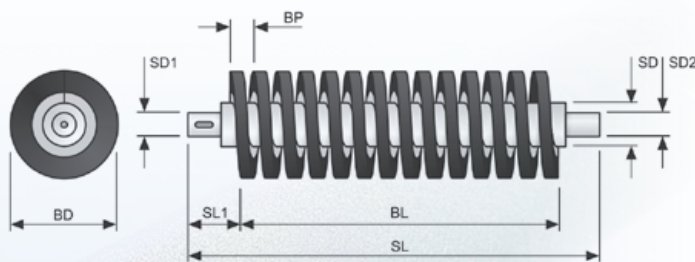
- Aluminium
- Steel
- Stainless steel

### How to specify

- Brush diameter (BD):
- Brush length (BL):
- Fill material:
- Brush pitch (BP):
- LH or RH coil:
- Brush position (SL1):
- Shaft length (SL):
- Shaft diameter (SD):
- Shaft end diameter (SD1) or (SD2):
- Shaft material:
- Additional requirements:



Close coil



Extended coil

## Axial strip

Axial strip roller brushes provide a rugged and economical solution for heavy duty cleaning applications such as raw material handling and conveyor cleaning. Brush strips can be easily removed from the core for cleaning or replacement without dismantling the whole roller from its mounting.

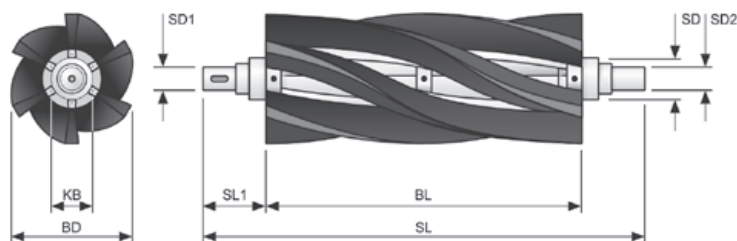
Roller brushes can be constructed in axial, helical or chevron configuration depending on the brushing action required.



Axial strip roller brushes

Type and dimensions					Fill material	
Type	Core diameter KB	Brush diameter BD min - max	Number of strips	Brush length BL min - max	Synthetic Ø max	Wire Ø max
BWSP	50	150	6	550 - 2500	0.6	0.2
		200 - 220	8	550 - 4000	0.6	0.2
		220 - 250	12	550 - 4000	0.6	0.2

All dimensions in mm



Axial roller brush with RH helix



Axial roller brush with LH helix



Axial roller brush with chevron helix

### Fill materials

- Natural hair and fibre
- Synthetic
- Wire
- Mixed materials

### Shaft materials

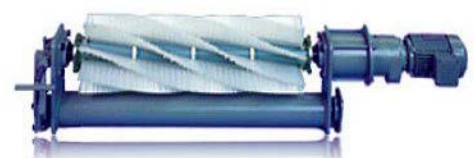
- Steel
- Stainless steel

### How to specify

- Brush diameter (BD):
- Brush length (BL):
- Fill material:
- Brush pitch (BP):
- Strip configuration:
- Number of strips:
- Brush position (SL1):
- Shaft length (SL):
- Shaft diameter (SD):
- Shaft end diameter: (SD1) or (SD2):
- Shaft material:
- Additional requirements:

### Motorised brush unit

Specially developed for continual and effective cleaning of conveyor belts, the BM1138 Axial strip roller brush machine combines all the features of the axial strip roller brush with an independent, fully adjustable drive unit.





# Architectural door seals

## Seals for a perfect entrance

KLEENEZE-KOTI provides a range of architectural brush strip seals for all types of commercial and automatic entrance door systems including sliding glass doors, swing doors, revolving doors and elevator doors. Superseal for entrance doors is available in a range of finishes, designed to conceal within or co-ordinate with the door construction.

These slim and elegant brush strips are effective in sealing gaps against uncontrolled air infiltration, energy loss, pests, cold smoke and accidental entrapment without interfering with door functionality.

Available for next day delivery or customised to your requirement, simply let us know what you'd like and our dedicated Superseal production team will be happy to help.



Solve it with  
**SUPERSEAL**





## Edge seals

### TSEG Threshold seal

Brush strip seals for sealing the sides and top of sliding glass entrance doors and elevator doors. Available in anodised or RAL painted finishes, fixing screws are concealed behind a neat clip on fascia.

#### SUPERSEAL Edge seals

Profile and dimensions			Fill material	
Type	Brush height	Brush length	Nylon	Nylon FR
TSEG	15, 19, 26, 32, 38, 49	2200, 3000	•	○

All dimensions in mm  
• Standard ○ Option

## Threshold seals

### TSLA threshold seal

Brush strip threshold seals for the bottom of sliding and hinged entrance doors. Available in anodised or RAL painted finishes, fixing screws are concealed behind the neat slide on fascia and press on end caps.

### TSCA concealed threshold seal

An adjustable brush strip threshold seal which conceals neatly in the bottom of hinged and sliding wooden entrance doors. SUPERSEAL TSCA features a unique carrier assembly that allows you to adjust the brush height according to the gap under the door.

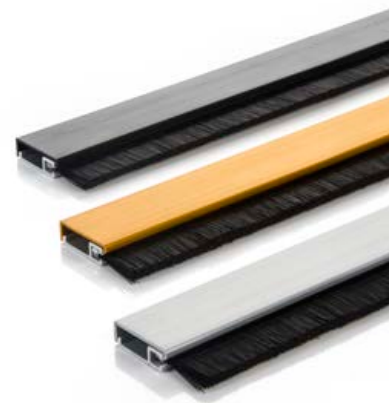
#### SUPERSEAL Threshold seals

Profile and dimensions			Fill material	
Type	Brush height	Brush length	Nylon	Nylon FR
TSLA	15, 19, 26, 32, 38, 49	2100	•	○
TSCA	5-15, 16-26, 22-32, 28-38	2100	•	○

All dimensions in mm  
• Standard ○ Option

## Revolving door seals

Brush seal kits for revolving doors to suit your door configuration. Manufactured with soft, hardwearing horse hair fill material, complete with 90° corner sections, sealing kits can be provided for recess or surface mounting.



Superseal TSEG



Superseal TSLA



Superseal TSCA



Revolving door seals

# Industrial door seals

From garage workshops to aircraft hangars, SUPERSEAL brush strip seals protect both your working environment and your energy costs.

Heating and cooling systems in draught-free buildings don't have to work so hard. It is estimated that up to 30% of the heating and cooling energy in buildings is lost through uncontrolled air infiltration, leading to draughts, discomfort and poor energy efficiency.

SUPERSEAL brush strip is up to 99% effective in preventing uncontrolled air leakage. So whether your doors roll, slide, swing or fold, fitting SUPERSEAL for industrial doors can help improve working environments and reduce wasteful energy costs.

Supported by a team of nationwide Technical Representatives, we offer complete service including surveying, specifying, design and manufacture. Our industrial door seals are available for next day delivery or quickly customised to your requirement. Simply let us know what you'd like and our dedicated Superseal production team will be happy to help.

Solve it with  
**SUPERSEAL**

Get in touch on  
**+44 (0)117 958 2450**

*Refer to pages 6 - 11 for our complete range of standard SUPERSEAL brush strip seals with aluminium carrier.*



## Seals for roller doors

Rubber Bumperseal wraps around the bottom 'T' rail of roller doors whilst our angled Rollaseal brush simply clips onto the vertical guide channels. Perfect for sealing against draughts, dirt, noise, pests and water ingress, as well as eliminating any shake, rattle and roll.

Bumperseal				
Type	Material	Roll size		
		10 m	20 m	
RBS	EPDM rubber	•	•	

Rollaseal		
Type	Brush height	Length
RDS	25	3000

All dimensions in mm



Bumperseal



Rollaseal



Garage door seal

## Garage door seal

Easy to fit Garage Door Seal, fits to any garage threshold and is perfect for sealing against draughts, dirt, noise, pests and water ingress.

Garage door seal				
Type	Material	Roll size		
		5 m	10 m	25 m
GBS	EPDM rubber	•	•	•

## Seals for folding shutter doors

Hard wearing, pre-formed brush strip sealing kits for the top and bottom of folding shutter doors. Available to suit all nosing styles, each kit will seal the top or bottom of one pair of panels.

Folding shutter door seals				
Kit type	Panel width		Brush height	
	228	305	26	38
A	•	•	•	•
B	•	•	•	•
C	•	•	•	•
D	•	•	•	•

All dimensions in mm



Type A



Type B



Type C



Type D



Folding shutter door seals



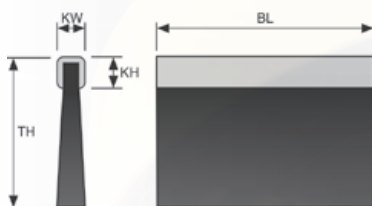
# Flexible brush seals

## Flexible brush strip

Constructed with a flexible synthetic backing, these brush strips are simple to use, easy to transport and flexible enough to follow any shape or contour. Available in 3.5 mm and 5 mm profiles, flexible brush strips are supplied in convenient spool sizes ready to unwind, cut and assemble with no wastage.

Flexible brush strip						
Profile and dimensions					Fill material	
Profile	Section dimensions		Trim height	Roll length	Polypropylene	
	KW	KH	TH	BL (metres)	Ø	
Light	FLX3014	3.5	3.5	19	65	0.15
	FLX3024	3.5	3.5	29	65	0.15
	FLX3034	3.5	3.5	39	65	0.15
	FLX3044	3.5	3.5	49	55	0.15
Medium	FLX5015	5.0	5.0	22	50	0.15
	FLX5025	5.0	5.0	32	50	0.15
	FLX5035	5.0	5.0	42	50	0.15
	FLX5045	5.0	5.0	52	45	0.15
	FLX5060	5.0	5.0	67	45	0.15
	FLX5080	5.0	5.0	87	32	0.15
	FLX5090	5.0	5.0	97	32	0.15

All dimensions in mm



Flexible brush strip



### Features

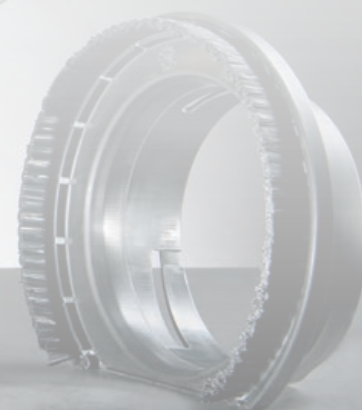
- 100% synthetic construction
- Simple to cut with scissors
- Adaptable to any shape
- Easy to store
- No wastage
- UV resistant

### Materials

- Polypropylene

### How to specify

- Profile:
- Trim height (TH):





## Quick Seal

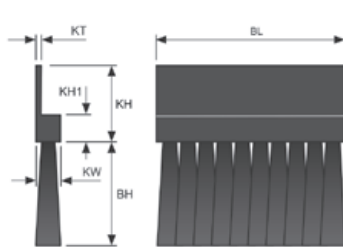
The great advantage of Quick Seal is that you can use it virtually anywhere. Available in a range of flexible thermoplastic profiles Quick Seal will adapt effortlessly to any shape and is ideal for closing gaps, guiding, wiping, slowing down and pressing. Quick Seal is supplied in compact and ready to use rolls.

Simply unroll, cut and fit.

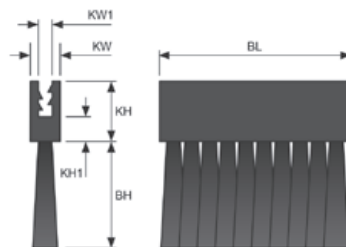


Quick Seal									
Profile and dimensions									Fill material
Profile	Section dimensions					Brush height	Roll length	Polypropylene	
	KH	KH1	KW	KW1	KT	BH	BL (metres)	Ø	
180° profile	QSP583-20	20.0	7.0	6.0	-	2.0	25	0.20	
	QSP583-30	20.0	7.0	6.0	-	2.0	30	0.20	
	QSP583-40	20.0	7.0	6.0	-	2.0	40	0.20	
	QSP583-50	20.0	7.0	6.0	-	2.0	50	0.20	
Clip profile	QSP589-20	18.0	8.0	9.0	3.6	-	25	0.20	
	QSP589-30	18.0	8.0	9.0	3.6	-	30	0.20	
	QSP589-40	18.0	8.0	9.0	3.6	-	40	0.20	
	QSP589-50	18.0	8.0	9.0	3.6	-	50	0.20	

All dimensions in mm



Quick Seal 180°



Quick Seal 180° clip on

### Features

- Flexible synthetic profile
- Simple to cut
- Adaptable to any shape
- Easy to store
- UV resistant

### Materials

- Polypropylene

### How to specify

- Section code:
- Brush height (BH):



# Antistatic brush strip

## Passive static elimination

Static electricity is a problem in many industries, particularly those handling paper, film and other synthetic materials. STATSTRIP is a passive static eliminator designed as a cost effective solution to reduce static build up.

Friction, pressure and separation can generate static which not only slows or interrupts production but can also present significant health and safety hazards.

STATSTRIP's extremely fine stainless steel and carbon fibre yarns operate effectively without damaging sensitive or delicate surfaces. Installed as close to the source of the electrostatic charge as possible, the static is discharged through the tips of the brush filaments to earth through the process equipment.

STATSTRIP is available in stock sizes or custom made with cut sizes, brush heights, fixing holes and machined features to suit your application.



## STATSTRIP

### STATSTRIP standard range

Type and dimensions					Fill material	
Type	Section dimensions		Brush height	Brush length	Stainless steel yarn	Carbon fibre yarn
	KH	KW	BH max	BL max		
AB	12	2	10	1000	•	•

*All dimensions in mm*

### STATSTRIP custom made

Type and dimensions					Fill material	
Type	Section dimensions		Brush height	Brush length	Stainless steel yarn	Carbon fibre yarn
	KH	KW	BH max	BL max		
AB	12	2	25	2000	•	•

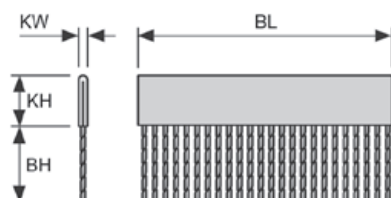
*All dimensions in mm*

### Fill materials

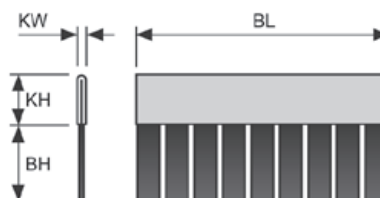
- Carbon fibre
- Stainless steel yarn

### How to specify

- Brush height (BH):
- Brush length (BL):
- Fill material:
- Additional requirements:



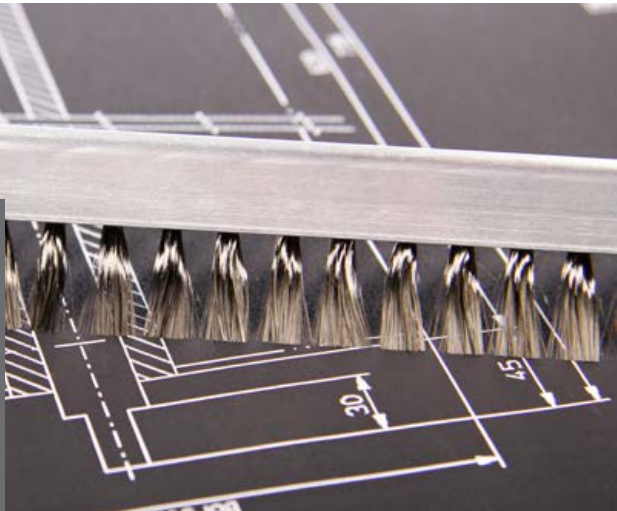
STATSTRIP with stainless steel yarn



STATSTRIP with carbon fibre yarn

## Antistatic brushes in action

STATSTRIP is installed as close to the source of the electrostatic charge as possible. The static is discharged through the filaments and aluminium backing to earth through the process equipment frame. It is not necessary to touch the substrate in order to be effective (see tables 1 and 2), a clearance of 1-2 mm is often sufficient



Static charge remaining with STATSTRIP touching

Number of passes under STATSTRIP	PVC	Paper	Cellophane	Metal
1	2.66	0.80	-	0.00
2	1.95	0.35	-	-
3	0.80	0.09	0.00	-
10	0.27	-	-	-

**Table 1**

Shows static charge density remaining after passing over various substrates with STATSTRIP touching the surface  
Units -  $\mu\text{C}/\text{m}^2$

Static charge remaining with STATSTRIP not touching

Number of passes under STATSTRIP	PVC	Paper	Cellophane	Metal
1	3.45	1.24	-	0.00
2	2.83	0.97	-	-
3	2.39	0.80	1.77	0.44
10	1.69	-	-	-

**Table 2**

Shows static charge density remaining after passing over various substrates with STATSTRIP 5 mm above the surface  
Units -  $\mu\text{C}/\text{m}^2$

**Note:**

The figures remain constant if the initial charge on the substrate is increased or decreased.  
Laboratory tests carried out at 20°C with 50% relative humidity



**Did you know?**

Rotary ostrich feather brushes remove dust from sensitive work surfaces by using the intrinsic electrostatic charge within the feather.

The resulting ionised dust remains on the feather until removed by a suitable extraction system.

# Escalator and elevator safety

## Safety in motion

With safety in mind, escalator SAFETYSTRIP™ is designed to assist in the prevention of sidewall entrapment accidents on moving escalators and walkways.

The durable brush deflectors provide a tactile reminder to passengers to keep their feet and clothing away from the hazard zones, between the moving step and the stationary sidewall, reducing the risk of an entrapment incident.

Simple to install and maintain, escalator SAFETYSTRIP complies fully with European EN115 and American A17 codes.

Factory fitted to new escalators or retro-fitted as part of installation or modernisation programmes, SAFETYSTRIP is installed on escalators in metros, airports, shopping malls and department stores worldwide.



### Case study

In the year prior to installation, there were 20 reported side entrapment incidents on a New York City Metro escalator. The escalator was selected for a trial fitting of escalator SAFETYSTRIP. In the following year, there were no reported accidents and as a result, escalator SAFETYSTRIP was fitted on all Metro system escalators

*New York City Transit Authority*



## Which profile is right for you?

Available in both single and double brush options, escalator SAFETYSTRIP is designed to fit all types of escalator sidewall. Where installation space is restricted, our patented foot insert system enables profiles to bridge raised decking features.

SAFETYSTRIP kits are configured to suit each individual escalator and are supplied with all incline lengths, transition curves, fairing ends, end caps, fixing screws and fitting instructions.

Our quick survey form will enable us to configure exactly the kit you need. Simply get in touch and we'll be happy to help

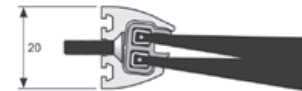
### Features

- Durable aluminium profile with anodised finish
- Hardwearing brush with soft 'flagged' tips
- Optional fire retardant brush
- Optional integral LED lighting
- Complies with European EN115 and American A17 code

## SAFETYSTRIP



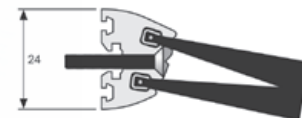
*BT profile*



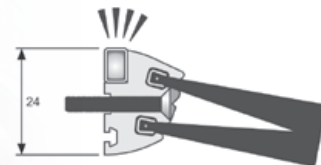
*KR profile*



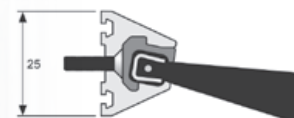
*KR profile with LED*



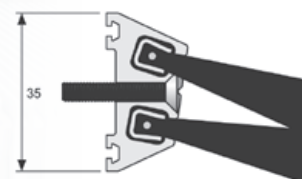
*KS profile*



*KS profile with LED*



*KA profile*

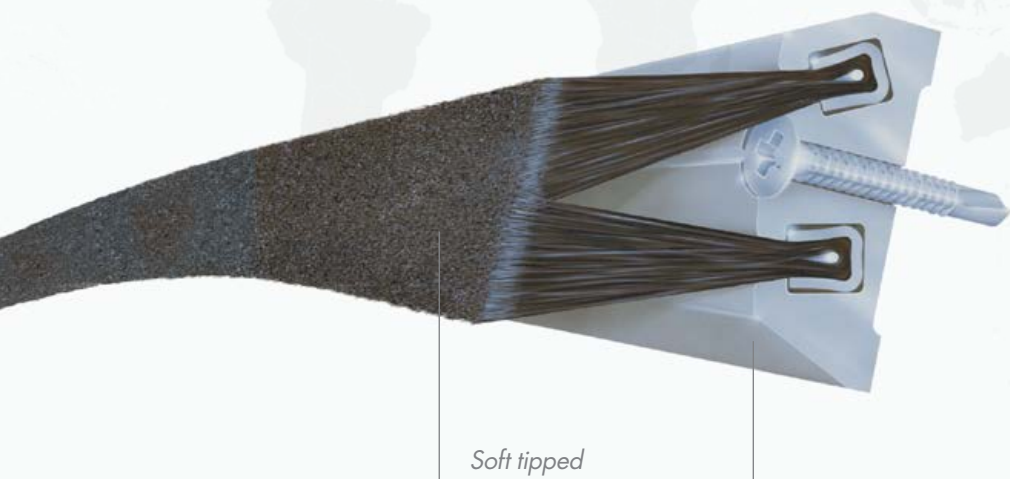


*ER profile*

# SAFETYSTRIP

Worldwide protection for over 35 years

Factory fitted to new escalators or retro-fitted as part of installation or modernisation programmes, SAFETYSTRIP is installed on escalators in metros, airports, shopping malls and department stores worldwide.

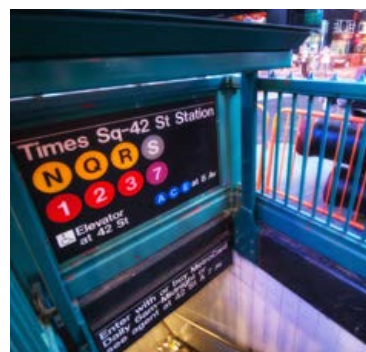


*Soft tipped  
filaments*

*Durable aluminium  
profile*



*Handrail guard renewal  
and refurbishment*







## ELEVATORGUARD

### Seals for elevators and platform screen doors

ELEVATORGUARD provides an effective and aesthetic solution to sealing the problematic gaps around elevator and platform screen doors. These attractive brush strip seals are effective in sealing against air infiltration, dirt, noise and cold smoke as well as protecting against accidental finger entrapments.

Available in a range of finishes designed to co-ordinate with door surround, all fixings are concealed behind a neat clip on fascia.



#### ELEVATORGUARD

Profile and dimensions			Fill material	
Type	Brush height	Brush length	Nylon	Nylon FR
TSEG	15, 19, 26, 32, 38, 49	2200, 3000	•	◦

*All dimensions in mm*  
 • Standard ◦ Option

For more sealing options, refer to our complete range of architectural doors seals on p22 - p23 and our standard range brush strips on p4 - p11. We also specialise in bespoke door seals specifically for your door systems.



# Twisted in wire brushes



## Prevention is better than cure

Trackside ducting and electrical enclosures are warm, dry and irresistible places for determined rodents to squeeze in and make a nest. Problems occur because rats love to chew and they dangerously expose vital signal and electrical cables as they gnaw through the protective plastic casing.

RODENTBRUSH is simple to fit and incredibly effective in protecting against inquisitive and gnawing rodents. Independent tests prove that rodents don't like the feel of the filament on their faces and whiskers.



Fire retardant, insulated and resistant to the elements, RODENTBRUSH deters rodents from gaining access to sensitive spaces by filling the gaps in cable ducting and electrical enclosures. Unlike other forms of pest control, RODENTBRUSH allows air to circulate, water to drain away and can be easily removed and replaced for routine maintenance and ongoing cable protection.

## RODENTBRUSH

### Features

- Simple to fit and remove
- Fire retardant and insulated

### How to specify

- Brush diameter (BD)
- Brush length (BL)

RODENTBRUSH					
Brush diameter BD	Brush length BL				Fill material
	500	1000	2000	5000	
100	○	○	○	●	Nylon FR-H

All dimensions in mm  
● Standard ○ Option





Water is one of the most destructive substances to property, so keeping gutters clear and in working order is vital to protect buildings from water damage.

Blocked gutters lead to sagging, breakage, leaks and overflows, resulting in water penetrating the fascia and brick, the formation of moss, algae and the development of rot and damp.

GUTTERBRUSH helps prevent the overflow of rain water by protecting gutters from the ingress of leaves, twigs, birds and rodents whilst still allowing water to pass freely.

Simple to install and requiring no maintenance GUTTERBRUSH will fit around corners and over downpipe outlets.

Suitable for both roof and driveway gutters, GUTTERBRUSH allows drainage systems to direct destructive water away from buildings.

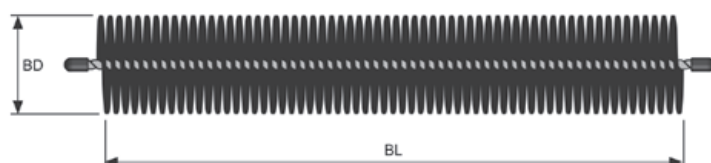


## GUTTERBRUSH

### RODENTBRUSH

Brush diameter BD	Brush length BL		Colour	
	3000	4000	Black	White
75	○	○	○	○
100	○	●	●	●
150	○	○	○	○

All dimensions in mm  
● Standard ○ Option



Rodent brush and Gutter brush

### Features

- Simple to fit and remove
- Allows water to flow freely
- Flexible and weather resistant
- Fits all gutter sizes

### How to specify

- Brush diameter (BD)
- Brush length (BL)
- Colour

# Tips and advice

## Filling materials

Having selected the type of brush required, there are a number of factors to consider in choosing the optimum fill material. In this section, we describe characteristics such as bend recovery, water absorption and chemical resistance of the most common fill materials.

A brush used in wet or humid conditions requires a filament that does not become soft in water or detergents. For a brush exposed to high temperatures, a metallic or heat stabilised material may be the best solution.

Natural hair has excellent softness and bend recovery, ideal for contact with delicate surfaces that may be prone to scratching.

Wire is primarily used for abrasive applications where hardness and cutting ability is important.

Some synthetic filaments may be crimped to increase the brush density and surface area, or flagged (splitting the ends of each filament) to give a softer feel.

There are many filaments available to suit your application, **simply ask and we'll be happy to help.**

## Synthetic filaments

### Nylon 6

A durable filament with good recovery, temperature stability and abrasion resistance.

### Nylon 6.6

A durable filament with higher stiffness, recovery and abrasion resistance than Nylon 6

### Nylon 6.6 - Conductive

Combines the properties of Nylon 6.6 with an electrically conductive coating suitable for anti-static applications.

### Nylon 6.6 - Fire retardant

A flame retardant filament which is immediately self-extinguishing on ignition and does not drip. Rated UL94-V0.

### Nylon 6.6 - Heat stabilised

Combines the properties of Nylon 6.6 with a dry working temperature up to 173°

### Nylon 6.12

A filament with excellent bend recovery, abrasion resistance and low moisture absorption. Ideal for wet applications.

### Polyester

An excellent filament with good stiffness and recovery. Particularly suitable for wet applications.

### Polypropylene

Good chemical resistance with a higher wet stiffness than Nylon. Good bend on recovery but will take a set more easily than other materials.



## Natural materials

### Horse hair

Soft to medium stiffness with very good recovery and excellent set resistance. Available natural grey or black.

### Bristle

Medium to hard stiffness with very good bend recovery and set resistance. Available natural grey or black.

### Goat Hair

Particularly soft material with very good bend recovery and set resistance. Available natural white or black.

### Fibre

Stiff, coarse material with a good flicking action. Available natural white or grey.

## Metallics

### Steel wire

Available crimped, 0.06mm – 0.56mm diameter.

### Stainless steel wire

AISI304, available, 0.06mm – 0.56mm diameter.

### Brass wire

70/30 type, available crimped, 0.06mm – 0.56mm diameter.

### Nickel silver

62/18 type, available crimped, 0.06mm – 0.56mm diameter.

### Phosphor bronze

95/5 type, available crimped, 0.06mm – 0.56mm diameter.

## Specialist filaments

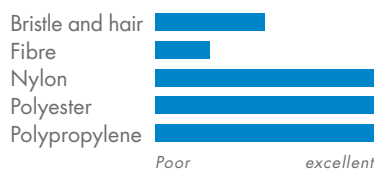
### Acrylic conductive filament

A conductive filament with excellent wear resistance and conductivity for anti-static applications.

### Abrasive Nylon filament

A Nylon filament impregnated with either a silicone carbide (SiC) or aluminium oxide (AlO) grit for metal polishing, deburring and cleaning of various materials. Abrasive brushes will not load up like a pad and offer good fatigue and chemical resistance.

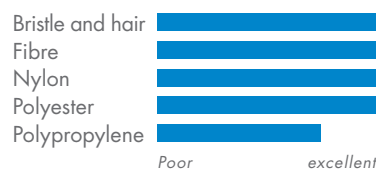
### Flex life



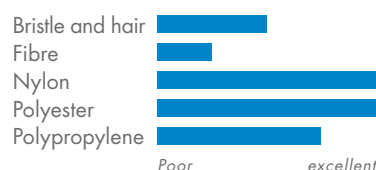
### Retention of stiffness in water



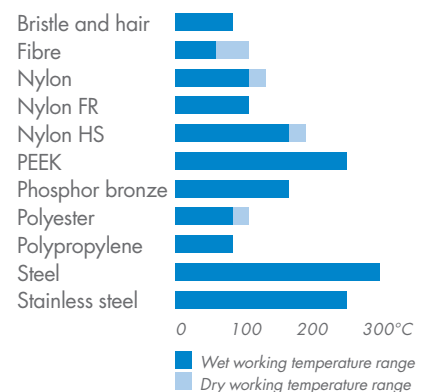
### Resistance to taking a set



### Abrasion resistance



### Temperature resistance





# Tips and advice

## Chemical resistance of filling materials

	Nylon	Polypropylene	Polyethylene	Polyester	Bristle & Hair	Fibre
Acetaldehyde 100%	U		20			
Acetic Acid	U			20	20	20
Alcohol (Benzil)	U					
Alcohol (Methyl, Ethyl) 100%			U			
Alum						
Aluminium Sulphate						U
Ammonia Liquid				U	U	U
Ammonium Bicarbonate						
Ammonium Fluoride					20	U
Ammonium Persulphate	U				U	U
Ammonium Sulphate						
Ammonium Sulphide					U	
Amyl Acetate	U	U	U			
Anti-Freeze			20			
Barium Sulphide	U				U	
Bleaching Powder (Dilute)	U		U	U	U	U
Brine						
Calcium Chloride						
Carbon Tetrachloride		U	U			
Chlorine, Water	U	U				
Cresol	U		U	20		
Cupric		U				
Detergents (Aqueous)				U		
Developers (Photographic)				U	U	U
Ether		U	U			
Ethyl Acetate		U	U			
Ferric Chloride			20	20		U
Flouosilicic Acid 32%	U		20		U	U
Formaldehyde 40%	U					
Formic Acid 50%	U					U
Hydrobromic Acid 50%	U				U	U
Hydrochloric Acid 50%	U	20			U	U
Hydrofluoric Acid 40%	U	20		U	U	U
Hydrogen Peroxide 30%	U	20	20			

Hydrquinine (Non-Aqueous)

Lead Tetraethyl

Mercuric Chloride

Methylene Chloride

Methyl Ethyl Ketone

Mineral Oils

Naphtha

Naphthalene

Nitric Acid 10%

Oxalid Acid 10%

Phosphoric Acid 20%

Polyester Resin

Potassium Bicarbonate

Silicone Oils

Sodium Bisulphate

Sodium Bisulphite

Sodium Carbonate

Sodium Hydroxide

Sodium Nitrate

Sodium Sulphide

Stannic Chloride

Starch

Stearic Acid

Sugar

Sulphur

Sulphuric Acid

Tallow

Tetrahydrofuran

Toluene

Tricresyl Phosphate

Triethanolamine

White Spirit

Yeast

Zinc Chloride

	Nylon	Polypropylene	Polyethylene	Polyester	Bristle & Hair	Fibre
Hydrquinine (Non-Aqueous)						
Lead Tetraethyl			20			
Mercuric Chloride	U			20		
Methylene Chloride	U	U	U	U		
Methyl Ethyl Ketone		U	U			
Mineral Oils		20	U			
Naphtha						
Naphthalene				20		
Nitric Acid 10%					U	U
Oxalid Acid 10%		20				U
Phosphoric Acid 20%	20					U
Polyester Resin						
Potassium Bicarbonate						
Silicone Oils						
Sodium Bisulphate					U	U
Sodium Bisulphite				U	U	
Sodium Carbonate					U	20
Sodium Hydroxide				U	U	
Sodium Nitrate						
Sodium Sulphide				U	U	
Stannic Chloride				20	U	U
Starch						
Stearic Acid			20			
Sugar						
Sulphur			20			
Sulphuric Acid	20					
Tallow			20	U		
Tetrahydrofuran		U	U			
Toluene		U	U			
Tricresyl Phosphate			U			
Triethanolamine						
White Spirit						
Yeast	U					
Zinc Chloride	U				20	

U Unsuitable  
20 Suitable up to 20°C  
Suitable up to 60°C

## Fitting brush strip seals

### Cutting

Brush strip should be cut with side action cutters to ensure the ends are sealed correctly and avoid spillage of the filaments. Aluminium carriers should be cut with a fine tooth saw.

**Tip:** File a lead in at one end of the carrier to aid re-assembly of the brush strip.

### Fitting

Brush strip seals should be fitted with the tips of the fill material just touching the surface to be sealed. Do not over-compress the seal as this may cause excessive wear or hinder the operation of the item being sealed.

Entry slots for levers and cables should be sealed with two opposing brush strips to prevent excess deformation of the brush.

**Safety warning:** Before fitting seals to areas with fuel burning appliances, ensure ventilation systems are checked for proper operation.

## Use and maintenance

Fitted in accordance with the recommended instructions and use under normal conditions, seals require no maintenance other than periodic cleaning with a damp cloth or detergent.





## Help and support

If you require any advice on our products, simply contact us or ask for one of our field engineers to visit you and we will be happy to help.

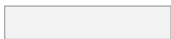










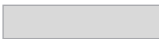






## Carrier finishes

Carriers are aluminium 6063, supplied in either mill finish, anodised, powder painted or treated to your specification.

### Anodised finishes

	
Anodise silver	Anodise black
	
Anodise gold	Anodise bronze

### Powder painted finishes

		
RAL1013 Pearl white	RAL1015 Light ivory	RAL1023 Traffic yellow
		
RAL2004 Pure orange	RAL3007 Black red	RAL3020 Traffic red
		
RAL5002 Ultramarine	RAL5012 Light blue	RAL6005 Moss green
		
RAL6018 Yellow green	RAL7032 Grey	RAL7035 Pale grey
		
RAL7040 Window grey	RAL8014 Sepia brown	RAL9002 Grey white
		
RAL9016 Traffic white	RAL9005 Jet black	Chrome silver

Unless otherwise requested, powder painted finishes are semi-gloss. Other treatments and finishes are available on request.

## Ask our team

If you need any further information on which brush is right for your application, simply contact us and we will be happy to help.



### **KLEENEZE-KOTI Ltd. Brush Strip and Sealing Solutions**

Ansteys Road - Hanham  
Bristol BS15 3SS  
United Kingdom  
**T** +44 (0)117 958 2450  
**F** +44 (0)117 960 0141  
sales@ksl.uk.com



### **KOTI-DAWSON Ltd. Industrial and Technical Brushes**

Clayton Wood Rise - West Park Ring Road  
Leeds LS16 6RH  
United Kingdom  
**T** +44 (0)113 275 9321  
**F** +44 (0)113 275 2761  
enquiry@dawsonbrush.co.uk



### **R.I.B.-KOTI Ltd. Power Tool and Finishing Brushes**

Church Bank Industrial Estate - Llandovery  
Carmarthenshire SA20 0DT  
United Kingdom  
**T** +44 (0)155 072 0077  
**F** +44 (0)155 072 0911  
info@rib-uk.co.uk

[www.kotibrushes.co.uk](http://www.kotibrushes.co.uk)





## Brushing Solutions

KLEENEZE-KOTI is the UK's original and leading manufacturer of brush strip products. Because we focus entirely on brush strip, we have built up an unrivalled knowledge and expertise that enables us to provide creative solutions across commercial, domestic and industrial applications.



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**KLEENEZE-KOTI Ltd. Brush Strip and Sealing Solutions**

**T** +44 (0)117 958 2450

**E** [sales@ksl.uk.com](mailto:sales@ksl.uk.com)

[www.kleenezekoti.co.uk](http://www.kleenezekoti.co.uk)

