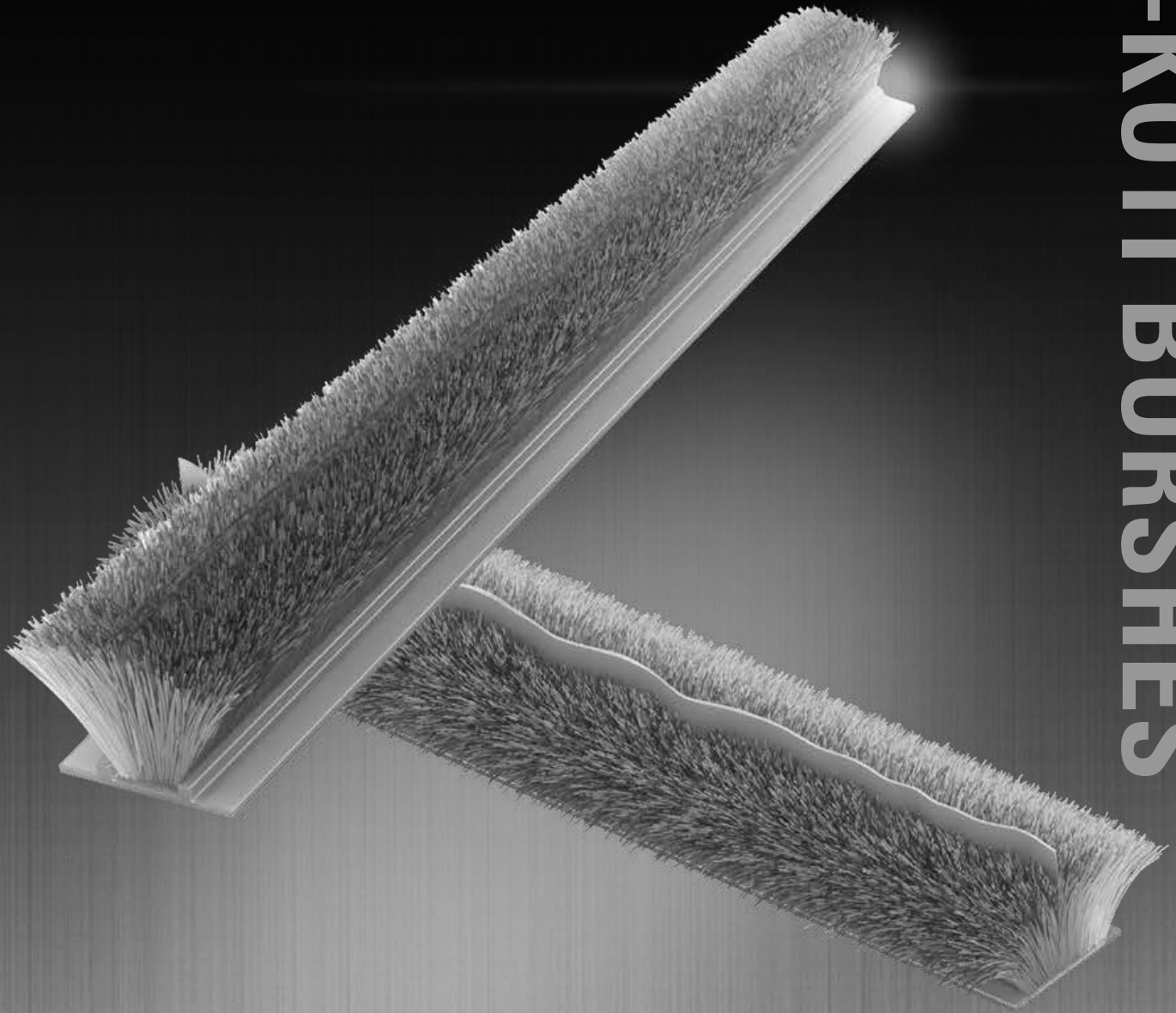


HIGH QUALITY SEALING SYSTEMS

For dust, moisture, draughts and noise



KULLEN-KOTI BURSHES



Kullen

— KOTI GROUP —

Brushing Solutions

BRUSHING SOLUTIONS

KULLEN-KOTI stands for Europe's largest range of brushes, having specialised in the manufacture of high-quality technical brushes for over 100 years.

Founded in 1913, the traditional family business employs around 170 people in Reutlingen and has done a lot of pioneering work in brush technology over the years. KULLEN has been part of the KOTI Group since August 2012. The individual companies complement each other with their product ranges, so that today we offer a globally unique product portfolio.

The focus is on constantly expanding the already extensive standard programme. In addition to the principles of quality and service, one thing is particularly important to KULLEN-KOTI: versatility. Creativity and experience go hand in hand with technical expertise.

Today, KULLEN-KOTI brushes are used successfully in almost every area of application.

DIN EN ISO 9001:2015

High standards through certification

As Europe's largest brush manufacturer, KULLEN-KOTI fulfils the quality standards according to DIN EN ISO 9001:2015 with all the necessary requirements in the best possible way. This was confirmed by the successful certification according to the current DIN EN ISO 9001 standard by TÜV Rheinland. Our continuous investment in development and consistent implementation of improved quality systems ensures that you receive a product of high quality and reliability.



BRUSHSEALS

Seals made from treated and flexible polypropylene (PP) yarn

- Large selection of different widths and heights
- Different brush densities depending on the type, width and mounting distance of the seal
- Thermofixed for recovery after compression
- Optional self-adhesive backing based on hot-melt technology (HM)



Bridges
Centre and side louvres,
for better airtightness

Multifilament
Soft multifilament standard yarn

Trilobal PP yarn
PP yarn treated with silicone for resistance
to mould and mildew

Areas of application



Outstanding abrasion resistance,
hardly any **static charge** and low
friction for better gliding.



The central and lateral bars
provide better **airtightness**.



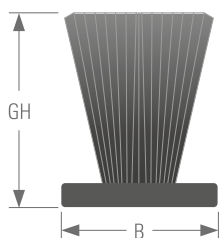
UV-resistant and
hardwearing, for a
longer service life.

WOVEN CARRIER

Brush yarn made of polypropylene, silicone-treated.

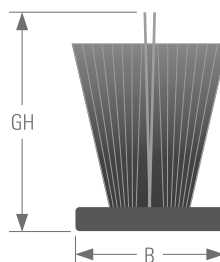
PP brush seal

Suitable for all everyday applications where favourable brush seals are required.



PP brush seal with centre bar

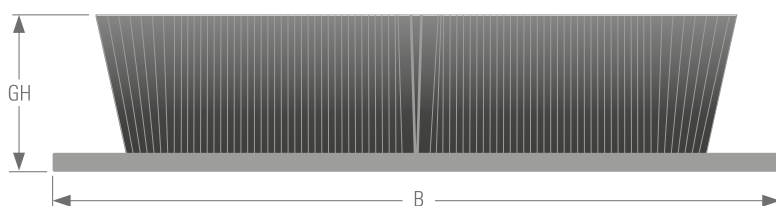
Additionally equipped with a welded and transparent centre bar for improved sealing properties for sliding windows and doors.



PP brush seal DUST-PLUG

For specific applications and areas of use that require a wider seal, e.g. on the edges of furniture and sliding doors. Is pre-cut to suitable lengths.

- We manufacture the overall height (GH) according to your wishes
- PP brush seals are available in black and grey as standard
- Also available with self-adhesive backing
- Other dimensions and colours on request

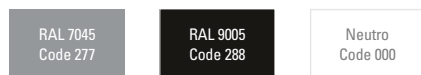


Legend

B	Foot width
GH	Total height

	Product dimensions				Brush fill and carrier features and options							
	Carrier width (B)		Brush height (GH)		Angle	Filament type	Density	Adhesive (Hot melt adhesive)	Bridge position	BRidge height	option for automatic assembly	Cradle to Cradle
	Min	Max	Min	Max								
Woven carrier												
Poly-bond	4,8 / 6,7 / 6,9		3,5	15,0	90°	Multi	4P	Optional	-	-	-	x
Fin-seal	4,8 / 6,7 / 6,9		3,5	15,0	90°	Multi	4P	Optional	Centre	0/1	-	x
Dust-plug	10,0	60,0	3,0	22,0	90°	Mono Multi	8P 76P	Optional	Optional	Optional	-	✓
Shutter-pile	4,8 / 6,7 / 6,9		3,0	15,0	90°	Mono Multi	2P / 3P	Optional	-	-	-	✓

Standard colours monofilament



Standard colours multifilament



Special colours multifilament



Poly-bond



Fin-seal



Dust-plug



Shutter-pile



EXTRUDED CARRIER

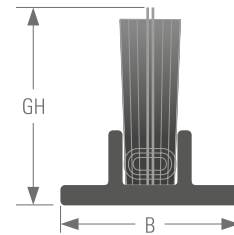
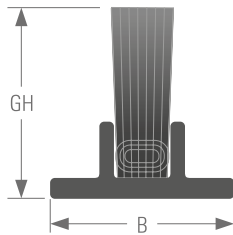
Brush yarn made of polypropylene, silicone-treated.

PP brush seal with extruded base

Guaranteed brush centring makes it ideal for machine insertion.

PP brush seal with extruded base and centre bar

Two transparent centre bars keep the brush visibly intact and at the same time improve the sealing properties of sliding windows and doors.



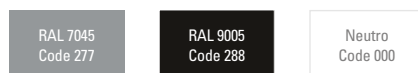
- We manufacture the overall height (GH) according to your wishes
- PP brush seals are available in black and grey as standard
- Also available with self-adhesive backing
- Other dimensions and colours on request

Legend

B Foot width
GH Total height

Table | Filament-Typ

Standard colours monofilament



Standard colours multifilament



Special colours multifilament



	Product dimensions				Brush fill and carrier features and options							
	Carrier width (B)		Brush height (GH)		Angle	Filament type	Density	Adhesive (Hot melt adhesive)	Bridge position	Bridge height	options for automatic assembly	Cradle to Cradle
	Min	Max	Min	Max								
Extruded carrier												
Power-pile	4,8 / 6,7 / 6,9		5,0	20,0	90°	Multi	4P	-	-	-	x	✓
Fin-pile	4,8 / 6,7 / 6,9		5,0	20,0	90°	Multi	4P	-	Centre	0	x	✓
G3	4,8 / 6,7 / 6,9		4,0	20,0	90°	Multi	4P	-	Centre	0/1	x	✓
G3-QF Quadrafin	4,8 / 6,7 / 6,9		6,0	12,0	90°	Multi	4P	-	Centre/ Lateral		x	✓
Bi-fin	4,8 / 6,7 / 6,9		6,0	20,0	90°	Multi	4P	-	Lateral	0	x	✓
Angle-pile	4,8 / 6,9		9,0	22,0	45° 60°	Mono	24	-	-	-	x	✓
Skirting fringe	2,7 / 2,9 / 3,1 / 3,3		5,0	30,0	90°	Mono	24	-	-	-	x	✓
	2,7 / 2,9 / 3,1 / 3,3		5,0	30,0	90°	Multi	4P	-	-	-	x	✓
Flex-brush	3,5	5	10,0	50,0	90°	Mono	HD15 SD15	-	-	-	-	x



Power-pile



Fin-pile



G3



G3-QF Quadrafin



Bi-fin



Angle-pile



Skirting fringe



Flex-brush

GENERAL OVERVIEW

	Product dimensions				Brush fill and carrier features and options							
	Carrier width		Brush height		Angle	Filament typ	Density	Adhesive (Hot melt adhesive)	Bridge position	Bridge height	Options for automatic assembly	Cradle to Cradle
	Min	Max	Min	Max								
Woven carrier												
Poly-bond	4,8 / 6,7 / 6,9		3,5	15,0	90°	Multi	4P	Optional	-	-	-	x
Fin-seal	4,8 / 6,7 / 6,9		3,5	15,0	90°	Multi	4P	Optional	Centre	0/1	-	x
Dust-plug	10,0	60,0	3,0	22,0	90°	Mono Multi	8P / 76P	Optional	Optional	Optional	-	✓
Shutter-pile	4,8 / 6,7 / 6,9		3,0	15,0	90°	Mono Multi	2P / 3P	Optional	-	-	-	✓
Extruded carrier												
Power-pile	4,8 / 6,7 / 6,9		5,0	20,0	90°	Multi	4P	-	-	-	x	✓
Fin-pile	4,8 / 6,7 / 6,9		5,0	20,0	90°	Multi	4P	-	Centre	0	x	✓
G3	4,8 / 6,7 / 6,9		4,0	20,0	90°	Multi	4P	-	Centre	0/1	x	✓
G3-QF Quadrafin	4,8 / 6,7 / 6,9		6,0	12,0	90°	Multi	4P	-	Centre/ Lateral		x	✓
Bi-fin	4,8 / 6,7 / 6,9		6,0	20,0	90°	Multi	4P	-	Lateral	0	x	✓
Angle-pile	4,8 / 6,9		9,0	22,0	45° / 60°	Mono	24	-	-	-	x	✓
Skirting fringe	2,7 / 2,9 / 3,1 / 3,3		5,0	30,0	90°	Mono	24	-	-	-	x	✓
	2,7 / 2,9 / 3,1 / 3,3		5,0	30,0	90°	Multi	4P	-	-	-	x	✓
Flex-brush	3,5	5	10,0	50,0	90°	Mono	HD15 / SD15	-	-	-	-	x

Standard colours monofilament

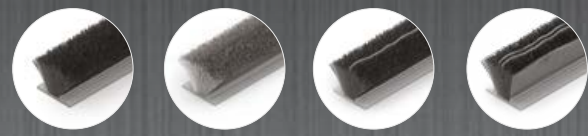
RAL 7045 Code 277	RAL 9005 Code 288	Neuro Code 000
----------------------	----------------------	-------------------



Poly-bond Fin-seal Dust-plug Shutter-pile

Standard colours multifilament

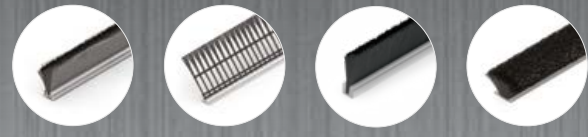
RAL 1015 Code 266	RAL 7011 Code 240
----------------------	----------------------



Power-pile Fin-pile G3 G3-QF Quadrafin

Special colours multifilament

RAL 1011 Code 241	RAL 1032 Code 292	RAL 8025 Code 291
RAL 8028 Code 264	RAL 9003 Code 287	RAL 9005 Code 288



Bi-fin Angle-pile Skirting fringe Flex-brush

KULLEN-KOTI GmbH Brushing Solutions
 T +49 (0) 71 21/142-0
 E post@kullen.de
www.kullen.de

