



Comprehensive
classification sample



AA Series - Plastic Brush Grommet With Buckle for Cabinet Wiring

SGS



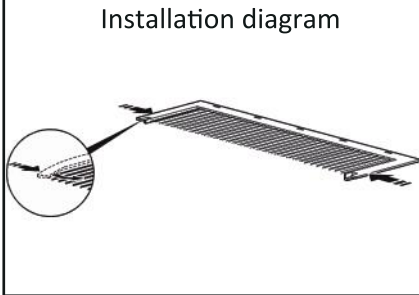
The cabinet wiring brush grommet can be used in charging pile, server, UPS, distribution cabinet and other occasions

- The whole brush conforms to UL and RoHS, and can be exported to the United States and Canada.
- The whole brush conforms to REACH and WEEE, and can be exported to Europe with confidence.
- It can be installed firmly and quickly without screw holes and tools.
- There are also corresponding specifications that can be changed in length In the development, the length can be changed to 10cm Multiple, suitable for convenient installation of large cabinet openings.



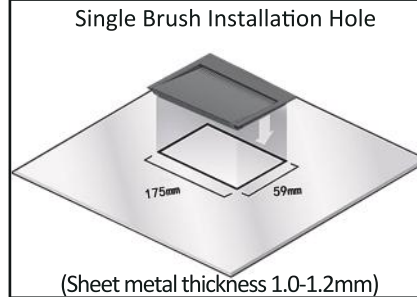
Installation method

Installation diagram

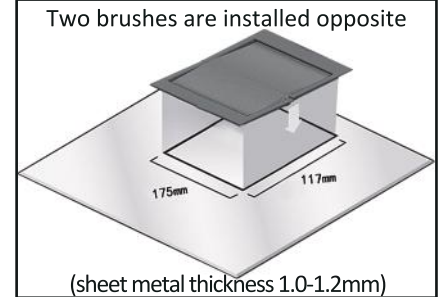


Schematic diagram of opening size

Single Brush Installation Hole



Two brushes are installed opposite



Product application scenario



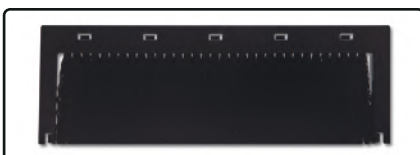
① Cabinet side plate brush



② Disassembly free wiring of cabinet



③ Disassembly free wiring of cabinet



Product Details

Brush frame material:
ECO-friendly
flame retardant
ABS+PC plastic

Installation method:
Install on the sheet metal with the back buckle

Easy installation:
Tool free quick installation

Bristles material:
ECO-friendly flame retardant
nylon PP or PBT

Product Technical Parameters

Product parameters				
Product name	Series A - Plastic brush grommet with buckle for cabinet wiring			
	Model	AA	AB	AX
Brush frame	Brush frame material	UL94-V2/UL94-V0 flame retardant ABS/PC alloy		
	RoHS	Pass(SGS test)		
	REACH	Pass(SGS test)		
	UL	Pass(with UL file number)		
	PAHs	Pass(SGS test)		
	LOW HALOGEN	Pass(SGS test)		
Bristle	Bristles material performance	1. (Optional) UL94-V2 flame retardant PP bristles (low cost, high flame retardancy, high hardness)		
		2.(Optional) UL94-V0 flame-retardant PA6 (nylon 6) bristles (high Recoverability, high flame retardancy)		
		3.(Optional) UL94-V0 flame retardant PBT wire brush (high Recoverability, high flame retardancy, high hardness)		
	Bristles diameter	0.25mm		0.25-0.5mm
	Bristles shape	Bent Bristles		Bent or straight Bristles
	Bristles color	Dark grey near black		
	RoHS	Pass(SGS test)		
	REACH	Pass(SGS test)		
	UL	Pass (with UL file number)		
	PAHs	Pass(SGS test)		
	LOW HALOGEN	Non-Pass, containing about 8.5% bromine (SGS test)		
Brush	Overall dimensions of brush	65*193mm	69*200mm	Change according to combination
	Whole RoHS	Pass(SGS test)		
	Whole REACH	Pass(SGS test)		
	Whole UL	Pass (with UL file number)		
	PAHs	Pass(SGS test)		
	LOW HALOGEN	Non-Pass, the bristles contains about 8.5% bromine (SGS test)		
Cabinet sheet metal and opening	Applicable sheet metal thickness	1.0-1.5mm		
	Sheet metal opening size	Single installation 59 * 175mm, Two opposite installation 117 * 175mm	Single installation 61 * 185mm, Two opposite installation 121 * 185mm	Dimensions vary according to different combinations

Note1:The whole brush complies with UL and RoHS, can be exported to the United States and Canada.
The whole brush conforms to REACH and WEEE, can be exported to Europe with confidence.

Note 2: Flame retardant bristles do not conform to low halogen.

Selection table

Eg: AA-65-193-□

① ② ③ ④

① Design Serial Number

AA: AA series - Plastic brush grommet with buckle for cabinet wiring

② Overall width

65: overall width 65mm

③ Overall length

193: overall length 193mm

④ Material performance of brush frame and bristles _____

G: Brush frame: UL94-V2 flame retardant ABS/PC alloy (low cost, high flame retardancy)

Bristles: UL94-V2 flame retardant PP bristles (low cost, high flame retardancy, low Recoverability)

B: Brush frame: UL94-V0 flame retardant ABS/PC alloy (high strength, high flame retardancy)

Bristles: UL94-V0 flame retardant PA6 bristles (high flame retardancy, high Recoverability)

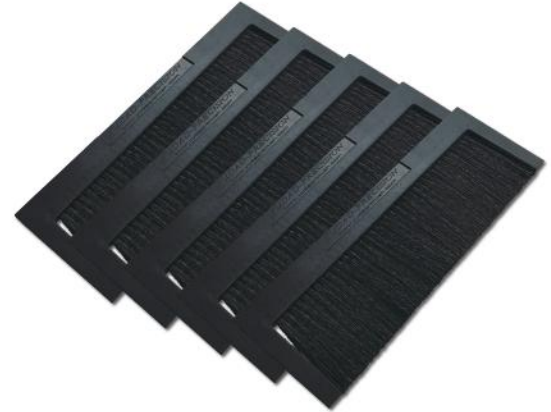
AB Series - Plastic Brush Grommet With Buckle for Cabinet Wiring

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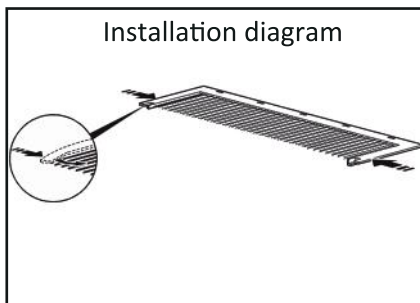


The cabinet wiring brush grommet can be used in charging pile, server, UPS, distribution cabinet and other occasions

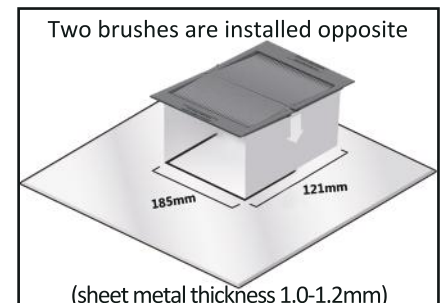
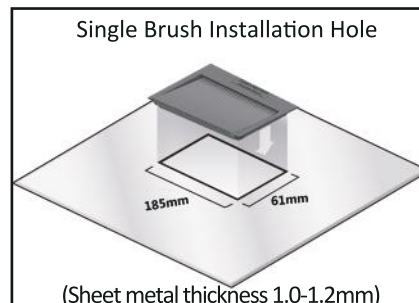
- The whole brush conforms to UL and RoHS, and can be exported to the United States and Canada.
- The whole brush conforms to REACH and WEEE, and can be exported to Europe with confidence.
- It can be installed firmly and quickly without screw holes and tools.
- There are also corresponding specifications that can be changed in length In the development, the length can be changed to 10cm Multiple, suitable for convenient installation of large cabinet openings.



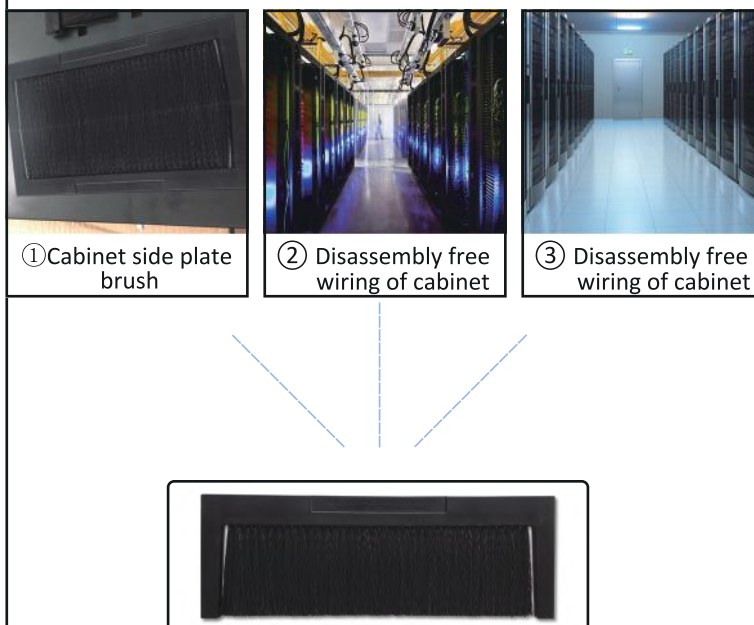
Installation method



Schematic diagram of opening size



Product application scenario



Product Details

Brush frame material:
ECO-friendly
flame retardant
ABS+PC plastic

Easy installation:
Tool free quick
installation

Installation
method:
Install on the
sheet
metal with the
back buckle

Bristles material:
ECO-friendly flame
retardant
nylon PP or PBT

Product Technical Parameters

Product parameters				
Product name	Series A - Plastic brush grommet with buckle for cabinet wiring			
	Model	AA	AB	AX
Brush frame	Brush frame material	UL94-V2/UL94-V0 flame retardant ABS/PC alloy		
	RoHS	Pass(SGS test)		
	REACH	Pass(SGS test)		
	UL	Pass(with UL file number)		
	PAHs	Pass(SGS test)		
	LOW HALOGEN	Pass(SGS test)		
Bristle	Bristles material performance	1. (Optional) UL94-V2 flame retardant PP bristles (low cost, high flame retardancy, high hardness)		
		2.(Optional) UL94-V0 flame-retardant PA6 (nylon 6) bristles (high Recoverability, high flame retardancy)		
		3.(Optional) UL94-V0 flame retardant PBT wire brush (high Recoverability, high flame retardancy, high hardness)		
	Bristles diameter	0.25mm		0.25-0.5mm
	Bristles shape	Bent Bristles		Bent or straight Bristles
	Bristles color	Dark grey near black		
	RoHS	Pass(SGS test)		
	REACH	Pass(SGS test)		
	UL	Pass (with UL file number)		
	PAHs	Pass(SGS test)		
	LOW HALOGEN	Non-Pass, containing about 8.5% bromine (SGS test)		
Brush	Overall dimensions of brush	65*193mm	69*200mm	Change according to combination
	Whole RoHS	Pass(SGS test)		
	Whole REACH	Pass(SGS test)		
	Whole UL	Pass (with UL file number)		
	PAHs	Pass(SGS test)		
	LOW HALOGEN	Non-Pass, the bristles contains about 8.5% bromine (SGS test)		
Cabinet sheet metal and opening	Applicable sheet metal thickness	1.0-1.5mm		
	Sheet metal opening size	Single installation 59 * 175mm, Two opposite installation 117 * 175mm	Single installation 61 * 185mm, Two opposite installation 121 * 185mm	Dimensions vary according to different combinations

Note1:The whole brush complies with UL and RoHS, can be exported to the United States and Canada.
The whole brush conforms to REACH and WEEE, can be exported to Europe with confidence.

Note 2: Flame retardant bristles do not conform to low halogen.

Selection table

Eg: AB-69-200-□

① ② ③ ④

① Design Serial Number

AB: AB series - Plastic brush grommet with buckle for cabinet wiring

② Overall width

69: overall width 69mm

③ Overall length

200: overall length 200mm

④ Material performance of brush frame and bristles _____

G: Brush frame: UL94-V2 flame retardant ABS/PC alloy (low cost, high flame retardancy)

Bristles: UL94-V2 flame retardant PP bristles (low cost, high flame retardancy, low Recoverability)

B: Brush frame: UL94-V0 flame retardant ABS/PC alloy (high strength, high flame retardancy)

Bristles: UL94-V0 flame retardant PA6 bristles (high flame retardancy, high Recoverability)

B series - TPE / PVC/PP clamp strip hair planting cabinet wiring brush strip

SGS

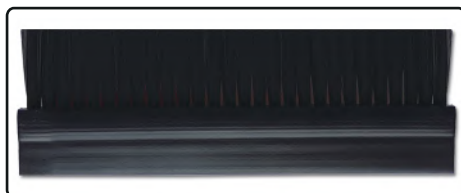
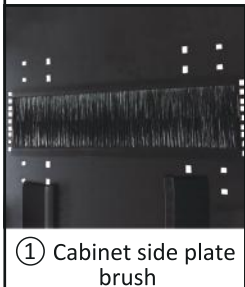


TPE / PVC/PP clamp strip hair planting cabinet wiring brush strip , can be personalized installed on cabinet, UPS and other equipment

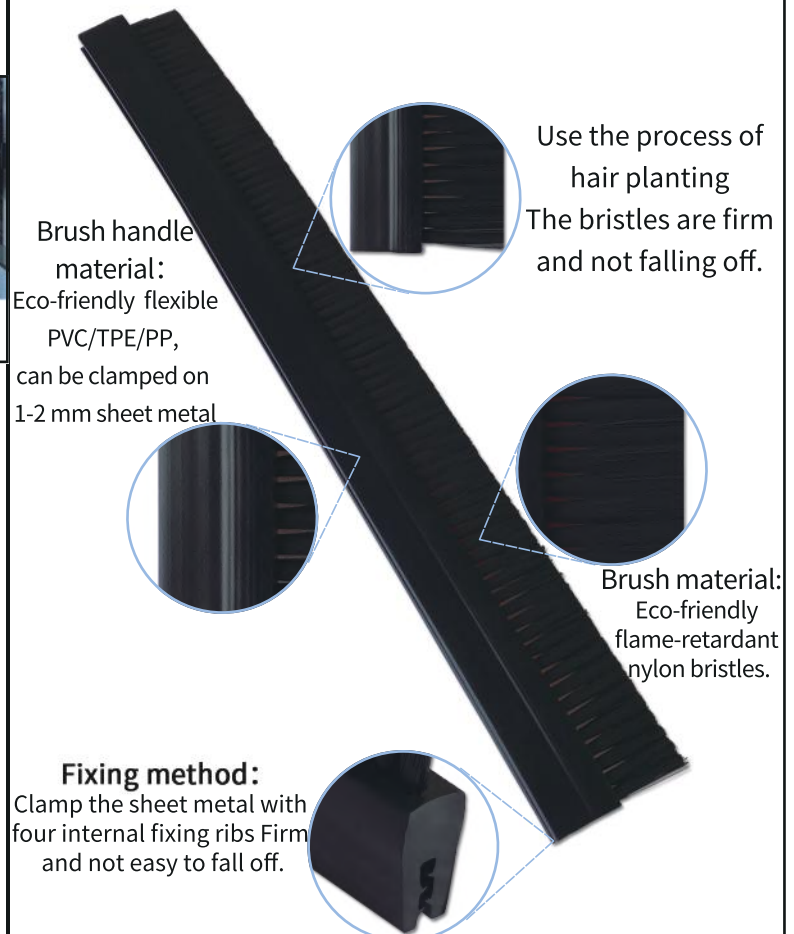
- The whole brush conforms to UL and RoHS, Can be exported to the United States and Canada with confidence.
- The whole brush conforms to REACH and WEEE, and can be exported to Europe with confidence.
- It can be installed manually and quickly without tools.
- We also have similar C-series TPE/PVC Clamp strip brush which are suitable for wider cabinet openings.



Product application scenario



Product Details



Product Technical Parameters

Product parameters				
Product name	B series - TPE / PVC/PP clamp strip hair planting cabinet wiring brush strip			
	Model	BA	BB	BC
Brush handle	Brush handle material	Ordinary TPE	UL94-V0 flame retardant TPE	UL94-V0 Anti-flaming flexible PVC
	RoHS	Pass (SGS test)		
	REACH	Pass (SGS test)		
	UL	Non Pass	Pass	Pass (with UL file number)
	PAHs	Pass (SGS test)		
	LOW HALOGEN	Pass (SGS test)		Non Pass (CI)
	Brush handle width	8.0mm		9.0mm
	Side height of brush handle	18.0mm		18.5mm
Bristle	Bristles material performance	1. (Optional) UL94-V2 flame retardant PP bristles (low cost, high flame retardancy, high hardness) 2. (Optional) UL94-V0 flame-retardant PA (nylon) bristles (high Recoverability, high flame retardancy) 3.(Optional) UL94-V0 flame retardant PBT bristles (high Recoverability, high flame retardancy, high hardness)		
	Bristles diameter	0.15-0.3mm		
	Bristles shape	Bent or straight		
	Bristles color	Dark grey near black		
	RoHS	Pass (SGS test)		
	REACH	Pass (SGS test)		
	UL	Pass (with UL number)		
	PAHs	Pass (SGS test)		
	LOW HALOGEN	Non-Pass, flame retardant bristles contains about 8.5% bromine (SGS test)		
Whole Brush	Total height of bristles	5-80mm Customeize		
	Total brush length	30-3000mm Customeize		
	Whole RoHS	Pass (SGS test)		
	Whole REACH	Pass (SGS test)		
	Whole UL	Pass (with UL file number)		
	Whole PAHs	Pass (SGS test)		
	LOW HALOGEN	the flame retardant bristles contains 8.5% bromine,and the PVC strip contains chlorine		
Sheet metal	Applicable sheet metal thickness	1.0-2.0mm		
	Sheet metal opening size	The opening width of the cabinet shall be 9mm more than the bristle height,for example,the bristle height is 20mm. The width of the sheet metal opening needs 29 mm, because the width of the clamp strip of 9 mm needs to be included in the width of the sheet metal opening.		

- 1: The whole series conforms to UL RoHS and can be exported to the United States and Europe with confidence,it conforms to REACH WEEE.
 2: Flame retardant bristles do not conform to low halogen.
 3: PVC strip does not conform to low halogen.

Model Selection Table

Eg: B A - 40 - 600 - B

① ② ③ ④ ⑤

Description and Selection:

① Design No. B

B: B series - TPE / PVC/PP clamp strip hair planting cabinet wiring brush strip

② Handle material and size

A: 8*18mm Ordinary TPE B: 8*18mm UL94-V0 flame retardant TPE

C: 9*18.5mm UL94-V0 flame retardant PVC

③ Bristles height

Please fill in the bristles height as required: 5-80mm (as shown in ③ in the right figure, excluding the height of clamp strip)

④ Total brush length

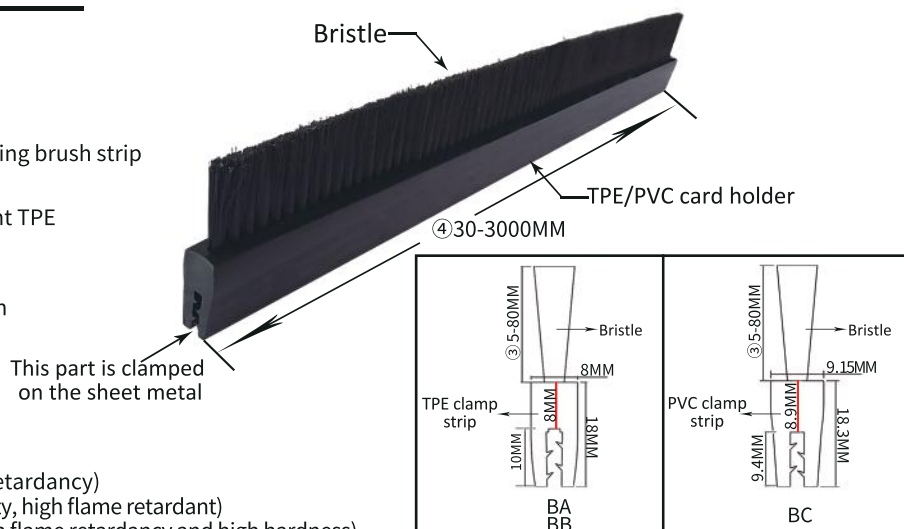
Please fill in the total length of the brush as required: 30-3000mm as shown in ④ in the right figure

⑤ Bristles material

G: UL94-V2 flame retardant PP bristles (low cost, high flame retardancy)

B: UL94-V0 flame retardant PA (nylon) bristles (high Recoverability, high flame retardant)

E: UL94-V0 flame-retardant PBT bristles (high Recoverability, high flame retardancy and high hardness)



C Series - TPE and PVC clamp Strip Cabinet Wiring Brush

SGS



UL
LISTED



ISO



Clamp strip wiring brush that can be customized according to the opening size and installed on various equipment such as cabinets and UPS for personalized installation.

- The whole brush conforms to UL and RoHS.
- The whole brush conforms to REACH and WEEE.
- It can be installed manually and quickly without tools.
- It is suitable for installation of large cabinet openings, and can also be installed opposite two brushes.



Product application scenario



① Cabinet side plate brush



② Disassembly free wiring of cabinet

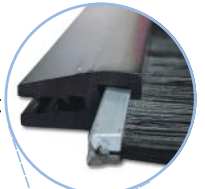


③ Disassembly free wiring of cabinet

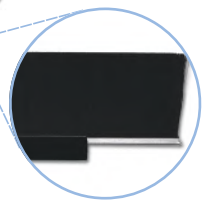
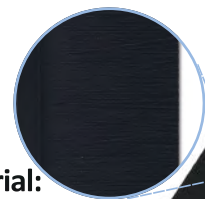


Product Details

Burr treatment:
Both ends of the brush handle are polished Anti rust treatment to prevent hand injury



Brush material:
ECO-friendly flame retardant nylon Good resilience and sealing performance
Can be replaced with PP or PBT bristles.



Assembly method:
Inserting iron brush into PVC clamp Simple and firm structure without falling off
Can be used for wind protection and wiring

Brush handle material:

ECO-friendly PVC material
Sheet metal clamped at 1.0-2.0mm
Clamping material can be replaced with TPE.



Product Technical Parameters

Product Parameters				
C series - TPE and PVC clamp strip cabinet wiring brush				
Product name	Model	CA	CB	CC
Brush handle	Brush handle material	Ordinary TPE	UL94-V0 flame retardant TPE	UL94-V0 flame retardant flexible PVC
	RoHS	Passed (SGS test)		
	REACH	Passed (SGS test)		
	UL	Non conformance	Passed	Passed (with UL number)
	PAHs	Passed (SGS test)		
	LOW HALOGEN	Passed (SGS test)		No pass (Containing Cl)
	Bottom width of brush handle	9.0mm		
	Side height of brush handle	19.0mm		
Bristle	Bristles material performance	(Option)UL94-V2 flame retardant PP bristles (low cost, high flame retardancy, high hardness)		
		(Option)UL94-V0 flame retardant PA (nylon) bristles (high Recoverability, high flame retardant)		
		(Option)UL94-V0 flame retardant PBT bristles (high Recoverability, high flame retardancy and high hardness)		
	Bristles diameter	0.15 0.2 0.25 0.3 0.4 0.5 0.6mm		
	Bristles shape	Bent or straight Bristles		
	Bristles color	Dark grey near black		
	RoHS	Passed (SGS test)		
	REACH	Passed (SGS test)		
	UL	Passed (with UL number)		
	PAHs	Passed (SGS test)		
Whole Brush	LOW HALOGEN	Non Pass, flame retardant brush wire contains about 8.5% bromine (SGS test)		
	Total height of bristles	5-150mm customizable		
	Total brush length	30-3000mm customizable		
	Whole RoHS	Passed (SGS test)		
	Whole REACH	Passed (SGS test)		
	Whole UL	Passed (with UL number)		
	Whole PAHs	Passed (SGS test)		
Sheet metal	LOW HALOGEN	Non Pass, the flame retardant bristles contains about 8.5% BR, and the PVC card strip contains Cl		
	Sheet metal thickness	1.0-2.0mm		
	Opening size	The opening width of the cabinet shall be 9mm more than the height of the brush, for example, the height of the bristles is 20mm, The width of the sheet metal opening needs 29 mm.		

NO1: The whole series conforms to UL RoHS and can be exported to the United States with confidence, conforms to REACH, it can be safely exported to Europe.

No2: Flame retardant bristles do not conform to low halogen.

No3: PVC clamp strip does not conform to low halogen.

Model Selection Table

Eg: C A - 40 - 600 - 02 B B S

① ② ③ ④ ⑤ ⑥ ⑦ ⑧

Description and Selection:

① Design No C

C: C series - PP and PVC clamp strip cabinet wiring brush

② clamp strip material and size _____

A: 9*19mm Ordinary TPE B: 9*19mm UL94-V0 flame retardant TPE

C: 9*19mm UL94-V0 flame retardant PVC

③ Bristles height _____

Pls fill in the bristles height as required: 5-150mm (as shown in

③ in the right figure, excluding the height of clamp strip)

④ Total brush length _____

Pls fill in the total length of the brush as required:

30-3000mm as shown in ④ in the right figure

⑤ Bristles wire diameter _____

01: 0.15mm 02: 0.2mm 025: 0.25mm 03: 0.3mm

04: 0.4mm 05: 0.5mm 06: 0.6mm

⑥ Bristles material _____

G: UL94-V2 flame retardant PP Bristles (low cost, high flame retardancy)

B: UL94-V0 flame retardant PA6 (nylon6) Bristles (high Recoverability, flame retardant)

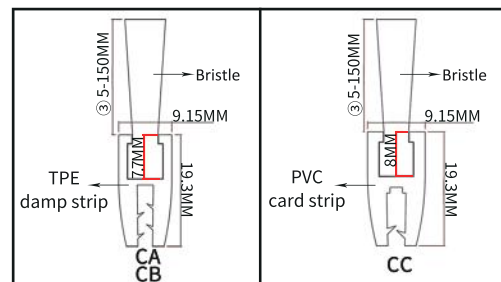
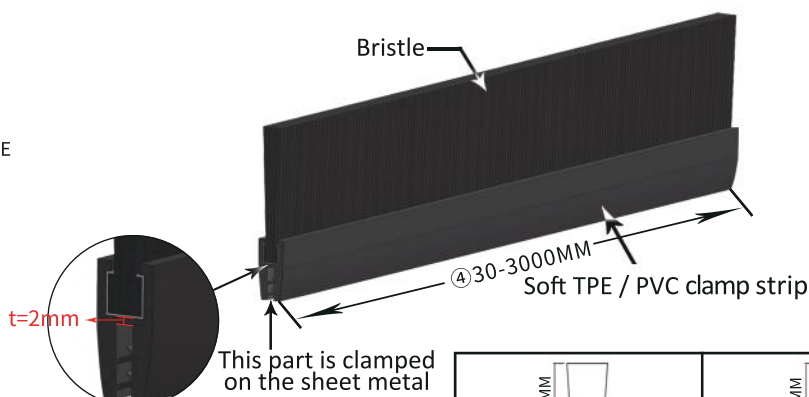
E: UL94-V0 flame-retardant PBT wire brush (high Recoverability, high flame retardancy, high hardness)

⑦ Brush color _____

B: Black

⑧ Brush shape _____

S: Straight wire W: bend wire (straight wire is commonly used)



CD series - S-shape ABS clamp strip network cabinet wiring brush

SGS



UL
LISTED



ISO

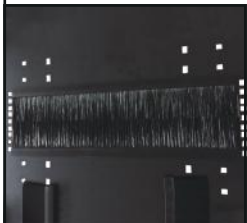


Clamp personalized installation can be carried out on cabinet, UPS and other equipment clamping strip cabinet wiring brush.

- The whole brush conforms to UL and RoHS, and can be exported to the United States and Canada with confidence.
- The whole brush conforms to REACH and WEEE, and can be exported to Europe with confidence.
- It can be installed manually and quickly without tools.
- There are two kinds of brushes available, small and thin, large and thick.



Product Application Scene



① Cabinet side plate brush



② Disassembly free wiring of cabinet



③ Disassembly free wiring of cabinet



Product Details

Burr treatment:

Both ends of the brush handle are polished Anti rust treatment to prevent hand injury

Bristles material:

ECO-friendly flame retardant nylon good resilience and sealing performance It can be replaced with PP and PBT bristles

Assembly method:

Inserting the iron brush into the ABS clamping strip simple and firm structure without falling off Can be used for wind protection and wiring

Brush handle material:

Flame retardant ABS material, Can be clamped on 1-1.5 mm sheet metal

Product Technical Parameters

product parameters			
Product Name	CD series - S-shape ABS clamp strip network cabinet wiring brush		
	Model	CD1	CD2
Brush handle	Brush handle material	UL94-V0 flame retardant ABS	UL94-V0 flame retardant ABS
	RoHS	Pass (SGS test)	
	REACH	Pass (SGS test)	
	UL	Pass (with UL number)	
	PAHs	Pass (SGS test)	
	LOW HALOGEN	Pass (SGS test)	
	Bottom width of brush handle	9mm	11mm
	Side height of brush handle	8mm	9.4mm
Bristle	Bristles material performance	UL94-V2 flame retardant PP bristles (low cost, high flame retardancy, high hardness)	
		UL94-V0 flame retardant PA (nylon) bristles (high Recoverability, high flame retardant)	
		UL94-V0 flame retardant PBT bristles (high Recoverability, high flame retardancy .high hardness)	
	Bristles diameter	0.15 0.2 0.25 0.3 0.4 0.5mm	
	Bristles shape	Bent or straight Bristles	
	Bristles color	Dark grey near black	
	RoHS	Pass(SGS test)	
	REACH	Pass(SGS test)	
	UL	Pass (with UL number)	
	PAHs	Pass(SGS test)	
Whole Brush	LOW HALOGEN	Non conformance, flame retardant bristles contains about 8.5% BR (SGS test)	
	Total height of bristles	5-120mm customizable	
	Total brush length	30-3000mm customizable	
	Whole RoHS	Pass(SGS test)	
	Whole REACH	Pass(SGS test)	
	Whole UL	Pass (with UL number)	
	Whole PAHs	Pass(SGS test)	
Sheet metal	Sheet metal thickness	1.0-1.5mm	
	Opening size	≤120*3000mm	

1: The whole brush conforms to RoHS, UL, REACH, and can be exported to the United States and Europe with confidence.

2: Flame retardant bristles do not conform to low halogen.

Model Selection Table

Eg: CD 1-40-600-02 B B S

① ② ③ ④ ⑤ ⑥ ⑦ ⑧

Description and Selection:

① Design No CD

CD: CD series - S-shape ABS clamp strip network cabinet wiring brush.

② Clamp strip size _____

1: 9.4 * 8.9mm UL94-V0 ABS clamp strip (smaller and thinner)

2: 12 * 9mm UL94-V0 ABS clamp strip (larger and thicker)

③ Bristles height _____

Please fill in the bristles height as required: 10-120mm (as shown in ③ in the right figure,Excluding the height of the clamp strip)

④ Total brush length _____

Please fill in the brush length as required: 30-3000mm

⑤ Bristles wire diameter _____

015:0.15mm 02:0.2mm 025:0.25mm 03:0.3mm

04:0.4mm 05:0.5mm 06:0.6mm

⑥ Bristles material _____

G: UL94-V2 flame retardant PP bristles (low cost, high flame retardancy)

B: UL94-V0 flame-retardant PA (nylon) bristles (high Recoverability, high flame retardant)

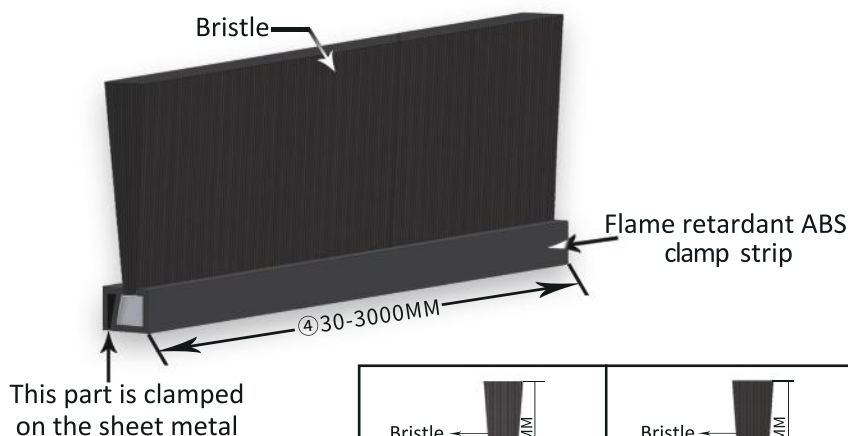
E: UL94-V0 flame-retardant PBT bristles (high Recoverability, high flame retardancy,high hardness)

⑦ Brush color _____

B: Black

⑧ Bristles shape _____

S: Straight bristles W: corrugated bristles (straight is commonly used)



D Series - Iron Backing Strip Brush

SGS



UL LISTED



ISO

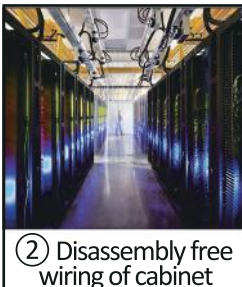
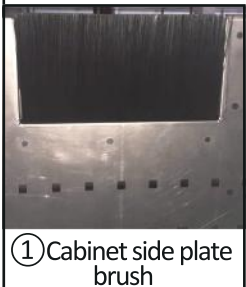


Note: If the strip brush is inserted into a slot for use (aluminum slot or plastic slot), it is better to provide a sample of the slot to ensure that the produced brush can be inserted into and fit into the slot.

- The whole brush conforms to UL and RoHS, and can be exported to the United States and Canada.
- The whole brush conforms to REACH and WEEE, and can be exported to Europe with confidence.
- The brush bristles are neat and flat, and will not fall off. The tension can reach 50 Newton.
- It is widely used, including cabinet and case, UPS, charging pile, robot, etc.



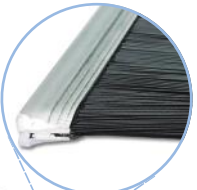
Product application scene



Product Details

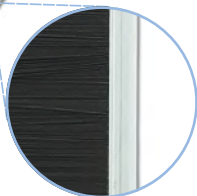
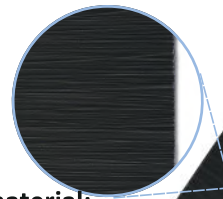
Treatment of both ends of brush handle:

Both ends of the brush handle are polished Anti rust treatment



Bristles material:

PA6、PA66、PBT、PP、PET (Flame retardant and anti-static bristles are optional)

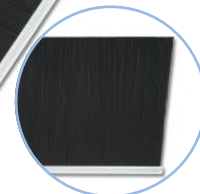
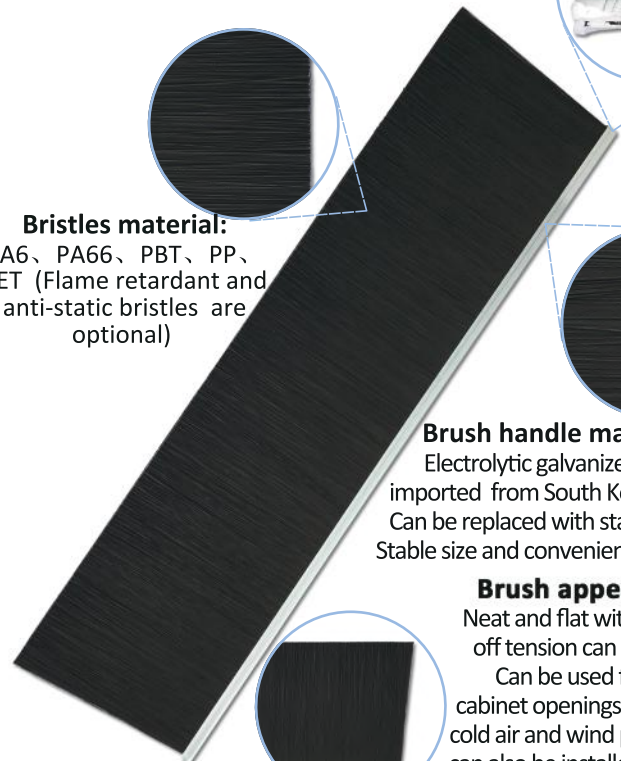


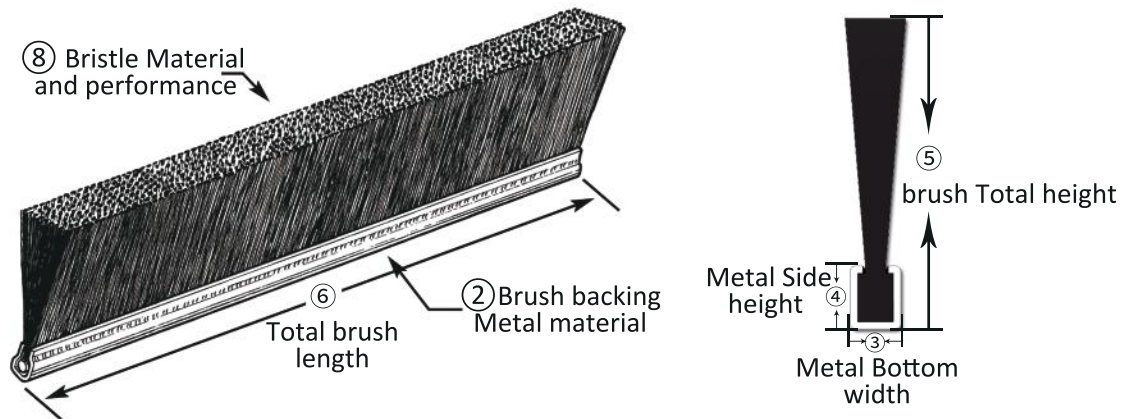
Brush handle material:

Electrolytic galvanized sheet imported from South Korea (SECC), Can be replaced with stainless steel Stable size and convenient installation

Brush appearance:

Neat and flat without falling off tension can reach 50N
Can be used for large cabinet openings Isolation of cold air and wind protection It can also be installed in cabinet and false blind plate On the cable management rack





Model Selection Table

Note 1: If the iron brush is inserted into a slot for use (aluminum slot or plastic slot), it is better to provide a sample of the slot to ensure that the produced brush can be inserted into and suitable for this slot.

Eg: D A-5-5-40-398-03 A B S

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

Description and Selection:

① Design No _____ D _____

D: Iron backing strip brush

② : Brush backing material _____

A: Electrolytic galvanized plate B: 304 stainless steel

③ : Bottom width of brush backing _____

Note: Please fill in the bottom width of the brush backing as required (as shown in ③ above figure, the most commonly used ones are 3, 3.5, 4, 4.5, 5, 6, 8, 9, 10, 11, 12mm)

④ : Side height of brush backing _____

Note: Please fill in the side height of the brush handle as required (as shown in ④ in the above figure, the most commonly used is 3, 4, 5, 6, 8, 9, 10, 11, 12mm, generally 1mm wider than the bottom of the brush backing, or the same width as the bottom of the brush backing)

⑤ : Total height of brush _____

Note: Please fill in the total height of the brush as required (as shown in ⑤ in the above figure, 5-200mm is commonly used)

⑥ : Total brush length _____

Note: Please fill in the total length of the brush as required (as shown in ⑥ in the above figure, 20-3000mm is commonly used)

⑦ : Bristles diameter _____

015:0.15mm 020:0.2mm 025:0.25mm 030:0.3mm 040:0.4mm 050:0.5mm 060:0.6mm

⑧ : Brush material and performance _____

A: Common nylon PA6 (low cost, high recovery) B: UL94-V0 flame retardant PA (nylon) (high recovery, high flame retardant)

C: Anti static nylon PA6 (high recovery, resistance value: $1E10-1E12\Omega$, $1E8-1E10\Omega$) D: common PBT (low cost, high recovery, high hardness)

E: UL94-V0 flame-retardant PBT (high recovery, high flame retardancy and high hardness) F: Common PP (low cost, high hardness)

G: UL94-V2 flame retardant PP wire brush (low cost, high flame retardancy, high hardness) H: Brass wire J: stainless steel wire K: animal hair

L: plant fiber M: abrasive wire N: electric conduction PA6 (nylon6, resistance value: $1E3-1E5\Omega$) O: High temperature resistant PA66 bristles (170°C)

P: Low temperature resistant PA66 bristles (-40°C) Q: High temperature resistant PEEK bristles (220°C) R: Food grade PP S: Corrosion resistant PPS

T: Corrosion resistant PVDF U: Common nylon66 PA66 (high recovery) V: UL94-V0 flame retardant PA66 (nylon66) (high recovery, high flame retardant)

W: Common PET (low cost, high hardness) X: Food grade PA610 Y: Food grade PA612 (PA6 nylon, PP, and PBT bristles are commonly used)

⑨ Brush color _____

B: Black BL: blue W: white R: red Y: yellow G: green O: orange P: purple T: transparent GR: gray

⑩ : Bristle shape _____

S: Straight wire W: corrugated wire (straight wire is commonly used)

Product technical parameters

Product parameters														
Product Name	D Series - Iron Backing Strip Brush													
	Model	DA							DB					
Brush backing	Brush backing material	SECC electrolytic galvanized sheet							SUS-304 stainless steel					
	RoHS	Pass (SGS test)												
	REACH	Pass (SGS test)												
	UL	Pass(with UL file number)												
	PAHs	Pass (SGS test)												
	LOW HALOGEN	Pass (SGS test)												
	Bottom width of brush handle	3.0	3.5	4.0	4.5	5.0	6.0	8.0	9.0	10.0	11.0	12.0	mm	
	Side height of brush handle	3.0	3.5	4.0	4.5	5.0	6.0	8.0	9.0	10.0	11.0	12.0	mm	
Bristle	A	A: Common nylon6 PA6 (low cost, high recovery)												
	B	B: UL94-V0 flame retardant PA6 (nylon6) (high recovery, high flame retardant)												
	C	C: Anti static nylon PA6 (Anti static, high recovery, resistance value:1E10-1E12Ω, 1E8-1E10Ω)												
	D	D: Common PBT wire brushing (low cost, high recovery, high hardness)												
	E	E: UL94-V0 flame-retardant PBT (high recovery, high flame retardancy and high hardness)												
	F	F: Common PP (low cost, high hardness)												
	G	G: UL94-V2 flame retardant PP (low cost, high flame retardancy)												
	H	H: Brass wire												
	J	J: Stainless steel wire(ten to the tenth-twelve times power)												
	K	K: Animal hair												
	L	L: Plant fibre												
	M	M: Abrasive wire												
	N	N:electric conduction PA6(resistance value:1E3-1E5Ω)												
	O	O:High temperature resistant PA66 bristles(170℃)												
	P	P:Low temperature resistant PA66 bristles(-40℃)												
	Q	Q:High temperature resistant PEEK bristles(220℃)												
	R	R:Food grade PP												
	S	S:Corrosion resistant PPS												
	T	T:Corrosion resistant PVDF												
	U	U:Common nylon66 PA66 (high recovery)												
	V	V:UL94-V0 flame retardant PA66 (nylon66) (high recovery, high flame retardant)												
	W	W:Common PET(low cost,high hardness)												
	X	X:Food grade PA610												
	Y	Y:Food grade PA612												
		Bristles diameter	0.15 0.2 0.25 0.3 0.4 0.5 0.6 0.8 1.0 mm											
		Bristles shape	Straight or corrugated wire											
		Bristles color	Black, blue, white, red, yellow, green, orange, purple, transparent, gray											
		Bristles tension	> 50 N											
		RoHS	Pass (SGS test)											
		REACH	Pass (SGS test)											
		UL	Pass (with UL number)											
		PAHs	Pass (SGS test)											
		LOW HALOGEN	Pass(except that the flame retardant bristles contains about 8.5% bromine)											
	Brush	Total height of brush	10-200mm customizable											
Total brush length		20-3000mm customizable												
Whole RoHS		Pass (SGS test)												
Whole REACH		Pass (SGS test)												
Whole UL		Pass(with UL number)												
PAHs		Pass (SGS test)												
LOW HALOGEN		Pass(except the flame retardant bristles contains about 8.5% bromine)												

Note 1: The whole series conforms to UL,RoHS ,REACH WEEEand can be exported to the United States and Europe with confidence.

Note 2: Flame retardant bristles do not conform to low halogen.

E Series - Customized Hair Planting Brush

SGS



UL
LISTED



ISO



Model Selection Table

EG: E-40-12-02 A B S-ST

① ② ③ ④ ⑤ ⑥ ⑦ ⑧

This selection table is for customers to select parameters such as bristles diameter, color, height, hole diameter, etc. The shape and material of brush handle or base are provided or determined by customers. Our company can also OEM brush handles and brush bases.

Description and Selection:

① : Design No _____ E

E: Customize hair planting brush

② : Number of hairs planted hole _____

Note: Please fill in according to the actual number of holes

③ : Height of brush hair _____

Note: Please fill in according to the actual bristles height (unit: mm)

④ : Bristle diameter _____

005:0.05mm 01:0.1mm 015:0.15mm 02:0.2mm 025:0.25mm

03:0.3mm 04:0.4mm 05:0.5mm 06:0.6mm ect.

⑤ : Brush material and performance _____

A: Ordinary nylon PA6 B: flame retardant nylon PA6 C: anti-static nylon PA6(resistance value:1E10-1E12Ω,1E8-1E10Ω)

D: Ordinary PBT E: flame retardant PBT F: ordinary PP G: flame retardant PP

H: Brass wire J: stainless steel wire K: animal hair L: plant hair M: abrasive wire

N:electric conduction PA6(resistance value:1E3-1E5Ω) O:High temperature resistant PA66 bristles(170°C)

P:Low temperature resistant PA66 bristles(-40°C) Q:High temperature resistant PEEK bristles(220°C)

R:Food grade PP S:Corrosion resistant PPS T:Corrosion resistant PVDF U:Common nylon66 PA66 (high recovery)

V:UL94-V0 flame retardant PA66 (nylon66) (high recovery, high flame retardant) W:Common PET(low cost,high hardness)

X:Food grade PA610 Y:Food grade PA612

⑥ : Bristle color _____

B: Black BL: Blue W: White R: Red Y: Yellow G: green

O: orange P: purple T: transparent GR: gray

⑦ : Brush shape _____

S: Straight wire W: corrugated wire

⑧ : Customer initials _____

F Series - Special Aluminum alloy Profile For Strip Brush

SGS

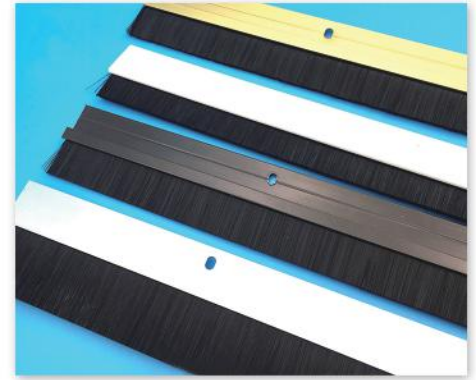
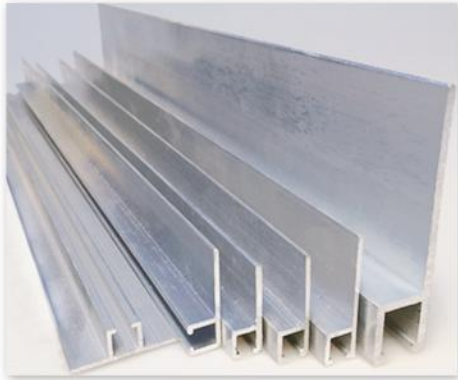
UL
LISTED

ISO

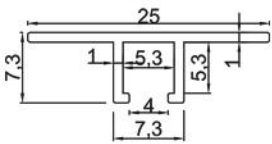
PAHs
PRT

RoHS

REACH
SVHC

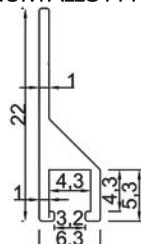


T TYPE BRUSH SPECIAL ALUMINUM ALLOY PROFILES



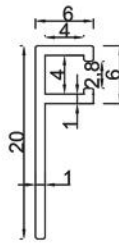
Model T25-5-5-4

Y TYPE BRUSH SPECIAL ALUMINUM ALLOY PROFILES

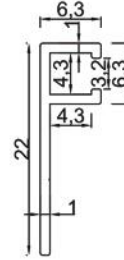


Model Y22-4-4-3.2

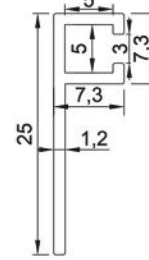
F TYPE BRUSH SPECIAL ALUMINUM ALLOY PROFILES



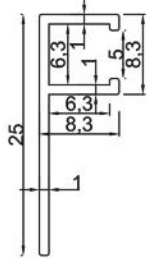
Model F20-4-4-2.8



Model F22-4-4-3.2

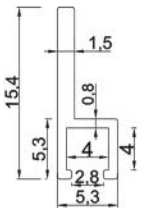


Model F25-5-5-3

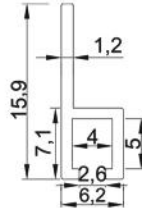


Model F25-6-6-5

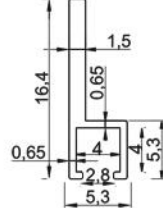
H TYPE BRUSH SPECIAL ALUMINUM ALLOY PROFILES



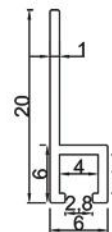
Model H15.4-4-4-2.8



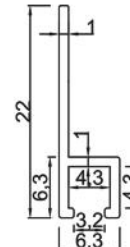
Model H15.9-4-5-2.6



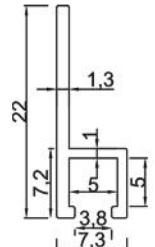
Model H16-4-4-2.8



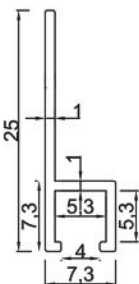
Model H20-4-4-2.8



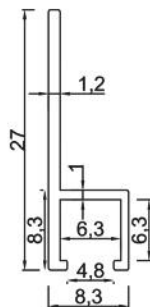
Model H22-4-4-3.2



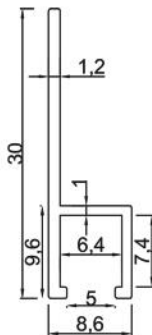
Model H22-5-5-3.8



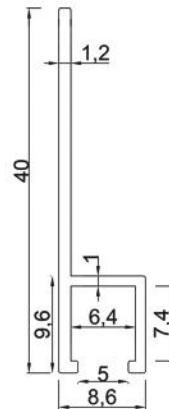
Model H25-5-5-4



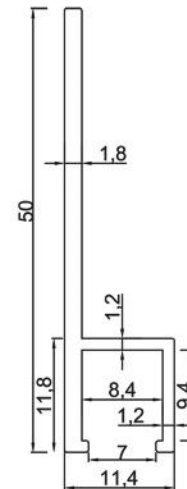
Model H27-6-6-4.8



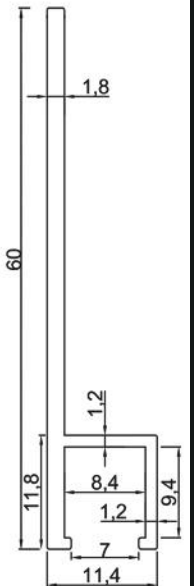
Model H30-6-7-5



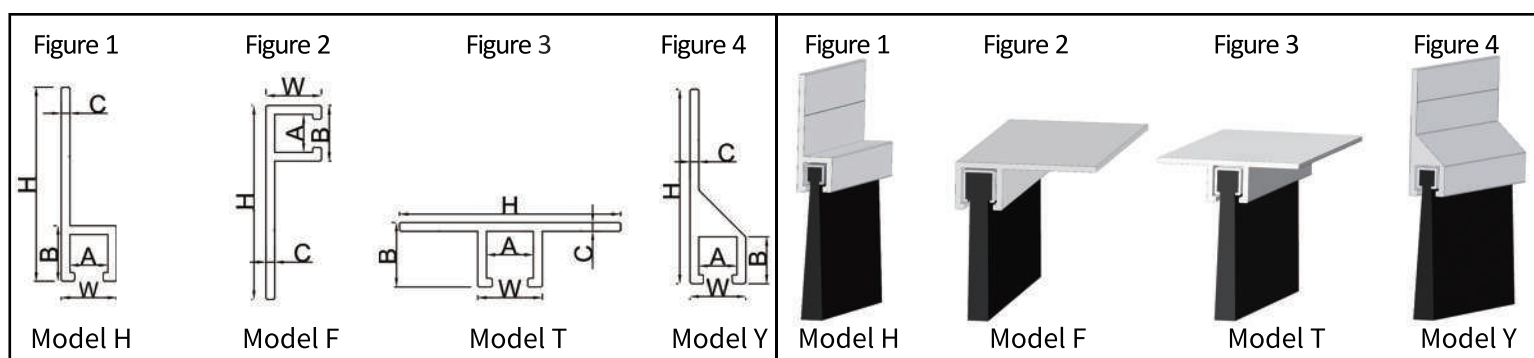
Model H40-6-7-5



Model H50-8-9-7



Model H60-8-9-7



Product Technical Parameters

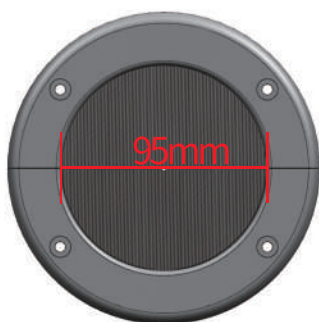
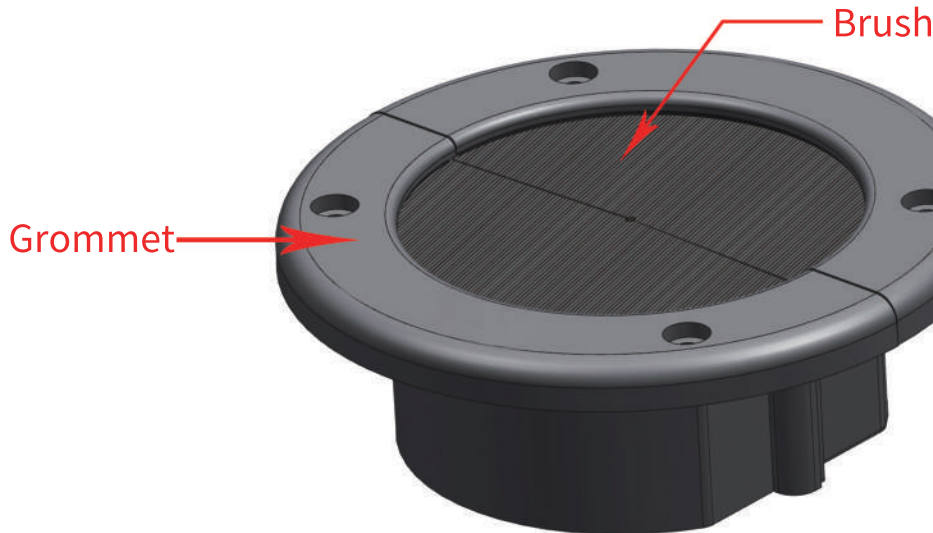
(unit:mm)

Product Parameters							
Production Name	F Series - H / F / T / Y Shape Special Aluminum alloy Profile For Strip Brush						
Aluminum alloy profile	Aluminum Alloy Material	6063-T5 aluminium alloy					
	RoHS	Pass (SGS test)					
	REACH	Pass (SGS test)					
	UL	Pass					
	Aluminum color	Natural color material/natural color oxidation/black baking varnish/black oxidation					
	Total length L	5-3000mm (Customizable)					
Dimension of H-type aluminum (Fig 1)	Aluminum model:	H154-35-35-28	H15.9-4-5-2.6	H164-35-35-28	H20-4-4-2.8	H22-4-4-3.2	H22-5-5-3.8
	H	15.4mm	15.9mm	16.4mm	20mm	22mm	22mm
	W	5.3mm	6.2mm	5.3mm	6mm	6.3mm	7.3mm
	A	4mm	4mm	4mm	4mm	4.3mm	5mm
	B	5.3mm	7.1mm	5.3mm	6mm	6.3mm	7.2mm
	C	1.5mm	1.2mm	1.5mm	1mm	1mm	1.3mm
	Aluminum model:	H25-5-5-4	H27-6-6-4.8	H30-6-7-5	H40-6-7-5	H50-8-9-7	H60-8-9-7
	H	25mm	27mm	30mm	40mm	50mm	60mm
	W	7.3mm	8.3mm	8.6mm	8.6mm	11.4mm	11.4mm
	A	5.3mm	6.3mm	6.4mm	6.4mm	8.4mm	8.4mm
	B	7.3mm	8.3mm	9.6mm	9.6mm	11.8mm	11.8mm
	C	1mm	1.2mm	1.2mm	1.2mm	1.8mm	1.8mm
Dimension of F-type aluminum (Fig 2)	Aluminum model:	F20-4-4-2.8		F22-4-4-3.2		F25-5-5-3	
	H	20mm		22mm		25mm	
	W	6mm		6.3mm		7.3mm	
	A	4mm		4.3mm		5mm	
	B	6mm		6.3mm		7.3mm	
	C	1mm		1mm		1.2mm	
Dimension of T-type aluminum (Fig 3)	Aluminum model:	T25-5-5-4					
	H	25mm					
	W	7.3mm					
	A	5.3mm					
	B	7.3mm					
	C	1mm					
Dimension of Y-type aluminum (Fig 4)	Aluminum model:	Y22-4-4-3.2					
	H	22mm					
	W	6.3mm					
	A	4.3mm					
	B	5.3mm					
	C	1mm					

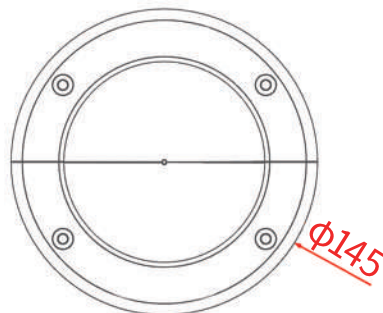
Note: Other colors can also be customized in batches.

PA series - Data Center Raised Floor Cable Management Brush Grommet

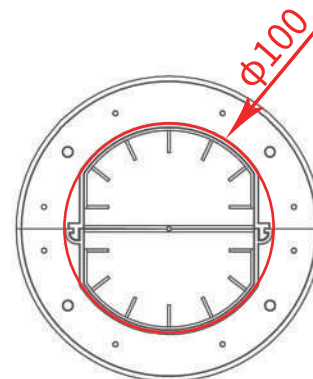
SGS



Round grommet
Available threading area
 $22.56\text{CM} \times 3.1415 \approx 70.88\text{CM}^2$



Grommet overall
dimensions



Raised floor
Opening size



Grommet
thickness

Model Selection Table

Eg: PA-145-B
①②③④

Description and Selection:

①: Design No: P

P: Data Center Raised Floor Cable Management Brush Grommet

②: Outline of the grommet: A

③: Overall dimension of the grommet: Φ145MM

④: The material of the plastic shell and the brush:

G: The plastic shell is UL94-V2 ABS+PC, and the bristles material is UL94-V2 PP (low cost)

B: The plastic shell is UL94-V0 ABS+PC,, and the bristles material is UL94-V0 PA6 nylon brush wire (high flame retardancy)

C: The plastic shell is UL94-V0 ABS+PC, and the bristles material is Anti-static nylon PA6 (resistance value:1E10-1E12Q,1E8-1E10Q)

Outer CTN size: 48 * 46 * 31CM

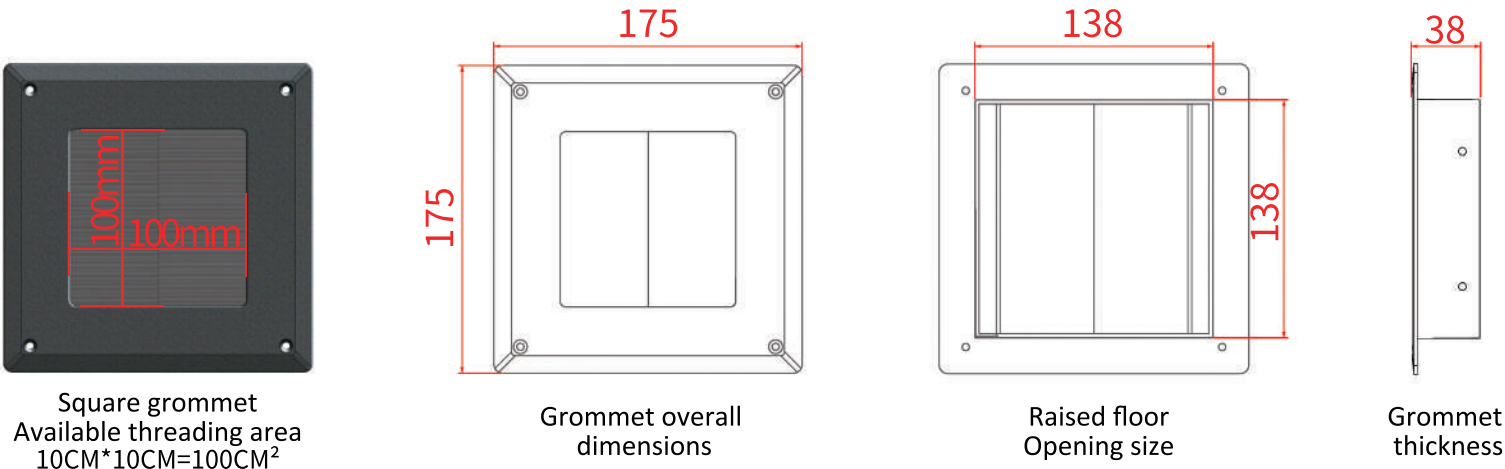
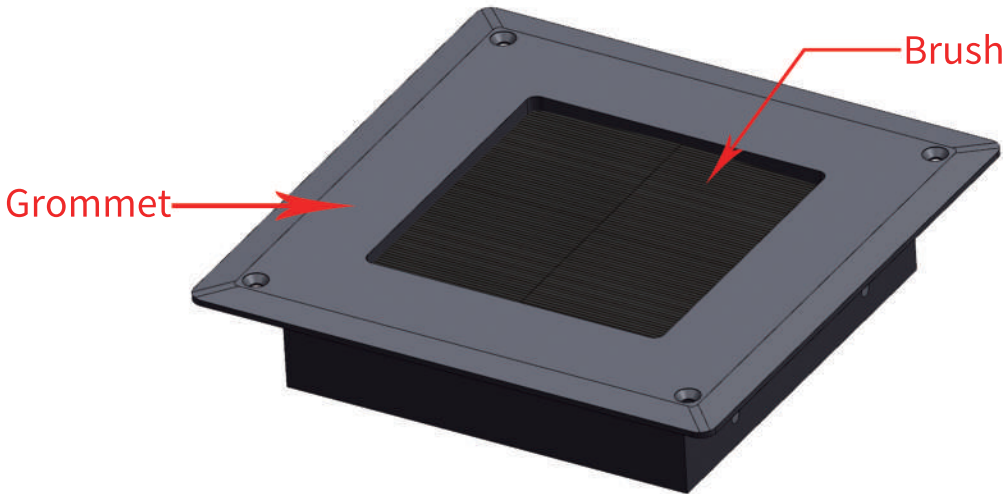
Pieces per CTN: 45 pieces

Net weight per CTN: 6.6KG

Gross weight of each CTN: 8.8KG

Single net weight: 0.15KG

PB series - Data Center Raised Floor Cable Management
Brush Grommet



Model Selection Table

Eg: P B-175-175-B

①②③④

No1: This grommet can be installed on the elevated floor with a thickness of 30-38.5 mm.

Discription and Selection:

①: Design No: P
P: Data Center Raised Floor Cable Management Brush Grommet

②: Outline of the grommet: B

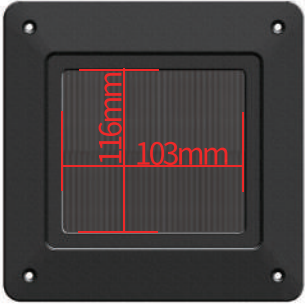
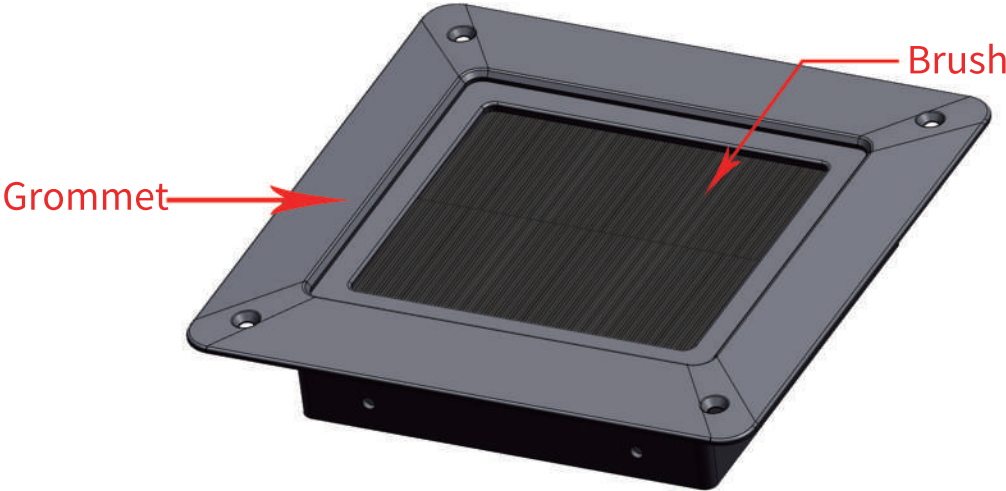
③: Overall dimension of the grommet: 175-175MM

④: The material of the plastic shell and the brush:

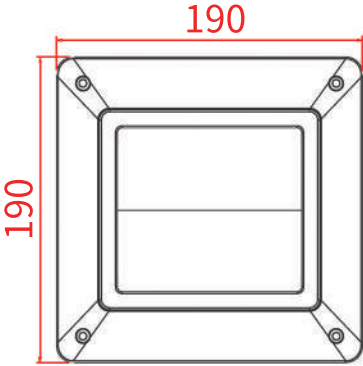
G: The plastic shell is UL94-V2 ABS+PC, and the bristles material is UL94-V2 PP (low cost)
B: The plastic shell is UL94-V0 ABS+PC,, and the bristles material is UL94-V0 PA6 nylon brush wire (high flame retardancy)
C: The plastic shell is UL94-V0 ABS+PC, and the bristles material is Anti-static nylon PA6 (resistance value:1E10-1E12Q,1E8-1E10Q)

Outer box size: 68*38*20CM
Pieces per box: 30 pieces
Net weight per box: 12KG
Gross weight of each case: 14.5KG
Single net weight: 0.4KG

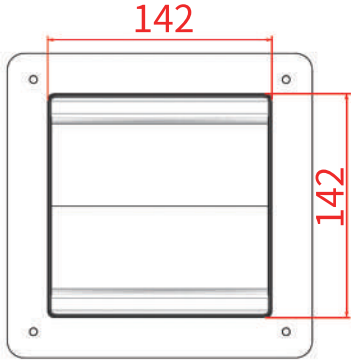
PC series - Data Center Raised Floor Cable Management
Brush Grommet



Square grommet
Available threading area
11.6CM*11.6CM=134.56CM²



Grommet overall
dimensions



Raised floor
Opening size



Grommet
thickness

Model Selection Table

Eg: **P C-190-190-B**

① ② ③ ④

Discription and Selection:

①: Design No: P

P: Data Center Raised Floor Cable Management Brush Grommet

②: Outline of the grommet: C

③: Overall dimension of the grommet: 190-190MM

④: The material of the plastic shell and the brush:

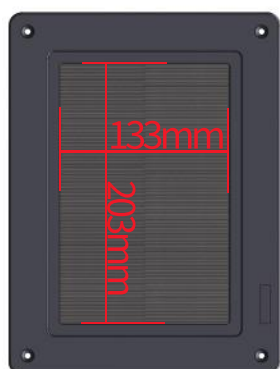
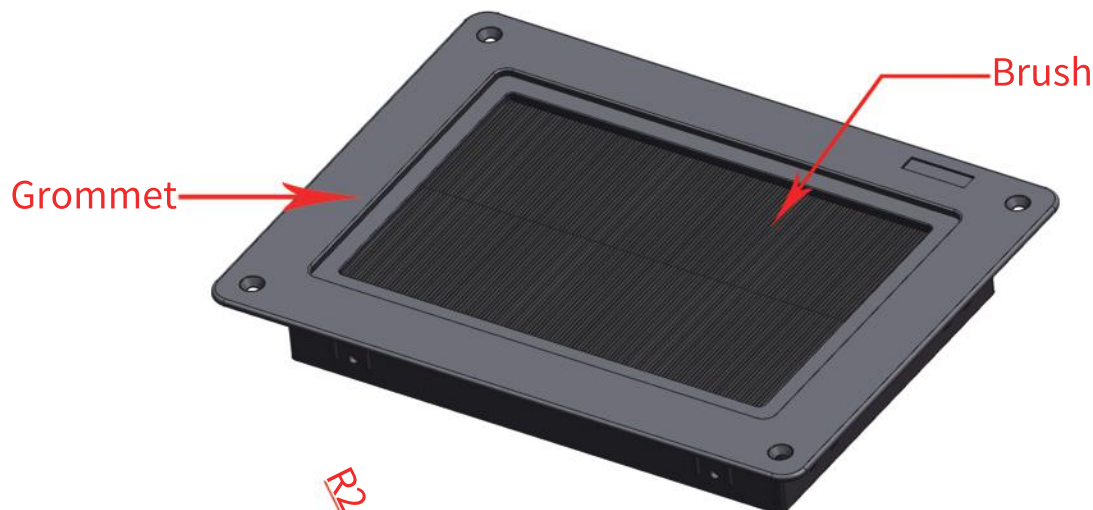
G: The plastic shell is UL94-V2 ABS+PC, and the bristles material is UL94-V2 PP (low cost)

B: The plastic shell is UL94-V0 ABS+PC,, and the bristles material is UL94-V0 PA6 nylon brush wire (high flame retardancy)

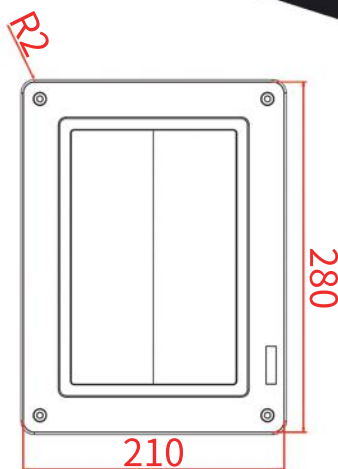
C: The plastic shell is UL94-V0 ABS+PC, and the bristles material is Anti-static nylon PA6 (resistance value: 1E10-1E12Q,1E8-1E10Q)

PD series - Data Center Raised Floor Cable Management Brush Grommet

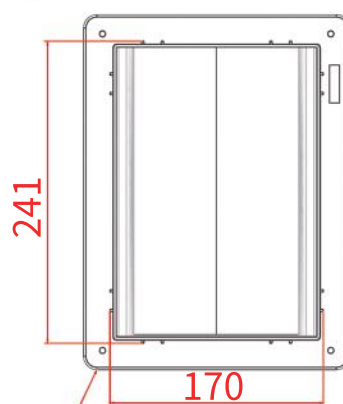
SGS



Rectangle grommet
Available threading area
 $20.3\text{CM} \times 13.3\text{CM} = 269.99\text{CM}^2$



Grommet overall
dimensions



Raised floor
Opening size



Grommet
thickness

Model Selection Table

No1: This grommet can be installed on the elevated floor with a thickness of 30-38.5 mm.

Eg: P D-280-210-B

① ② ③ ④

Description and Selection:

①: Design No: ____ P ____

P: Data Center Raised Floor Cable Management Brush Grommet

②: Outline of the grommet: ____ D ____

③: Overall dimension of the grommet: 280-210MM

④: The material of the plastic shell and the brush: _____

G: The plastic shell is UL94-V2 ABS+PC, and the bristles material is UL94-V2 PP (low cost)

B: The plastic shell is UL94-V0 ABS+PC,, and the bristles material is UL94-V0 PA6 nylon brush wire (high flame retardancy)

C: The plastic shell is UL94-V0 ABS+PC, and the bristles material is Anti-static nylon PA6 (resistance value:1E10-1E12Q,1E8-1E10Q)

Outer box size: 48*48*30CM

Pieces per box: 20 pieces

Net weight per box: 16.5KG

Gross weight of each case: 20KG

Single net weight: 0.825KG

Product Technical Parameters

Product Parameters					
Product Name	P series - Data Center Raised Floor Cable Management Brush Grommet				
	Model	PA	PB	PC	PD
Shell	Shell material	(Optional)UL94-V0/V2 flame retardant ABS+PC			
	RoHS	Pass (SGS test)			
	REACH	Pass (SGS test)			
	UL	Pass(with UL number)			
	PAHs	Pass (SGS test)			
	LOW HALOGEN	Pass (SGS test)			
Bristles	Bristles material performance	(Optional)UL94-V2 flame retardant PP bristles (low cost, high flame retardancy, high hardness)			
		(Optional)UL94-V0 flame retardant PA (nylon) bristles (high recovery, high flame retardant)			
		(Optional)anti-static nylon PA6(resistance value:1E10-1E12Q,1E8-1E10Q)			
	Bristles diameter	0.3mm			
	Bristles shape	Straight			
	Bristles color	Dark grey near black			
	RoHS	Pass (SGS test)			
	REACH	Pass (SGS test)			
	UL	Pass(with UL number)			
	PAHs	Pass (SGS test)			
	LOW HALOGEN	Non conformance, flame retardant bristles contains about 8.5% bromine (SGS test)			
Whole grommet	Overall RoHS	Pass (SGS test)			
	Overall REACH	Pass (SGS test)			
	Overall UL	Pass(with UL number)			
	Overall PAHs	Pass (SGS test)			
	LOW HALOGEN	Non conformance, flame retardant bristles contains about 8.5% bromine (SGS detection)			
	Overall dimensions	φ145*50mm	175*175*38mm	190*190*38mm	280*210*41mm
	Available threading area	70.88CM ²	100CM ²	119.48CM ²	269.99CM ²
Floors and Openings	Elevated floor thickness	30-38.5mm			
	Opening size	φ100mm	138*138mm	142*142mm	241*170mm

No 1: The whole series complies with UL RoHS REACH WEEE and can be exported to the United States and Europe with confidence.

No 2: Flame retardant bristles do not conform to low halogen.

Product Technical Parameters

Product Parameters		
Product Name	R series-Special brush filaments/fibers/bristles	
	Model	R
Testing and certification	RoHS	Pass (SGS test)
	REACH	Pass (SGS test)
	UL	V0 Pass (with UL file No.)
	Diameter	0.05 0.07 0.085 0.1 0.127 0.15 0.2 0.22 0.25 0.3 0.4 0.5 0.6 0.7 0.8 1.0 1.2 mm
	Length	5mm-Infinite length
	PAHs	Pass (SGS test)
	LOW HALOGEN	Pass (SGS test)
Materials & performance	A	A: Common nylon6 PA6 (low cost, high recovery)
	B	B: UL94-V0 flame retardant PA6 (nylon6) (high recovery, high flame retardant)
	C	C: Anti static nylon PA6 (Anti static,high recovery,resistance value:1E10-1E12Ω,1E8-1E10Ω)
	D	D: Common PBT (low cost, high recovery, high hardness)
	E	E: UL94-V0 flame-retardant PBT (high recovery, high flame retardancy and high hardness)
	F	F: Common PP (low cost, high hardness)
	G	G: UL94-V2 flame retardant PP (low cost, high flame retardancy)
	H	H: Brass wire
	J	J: Stainless steel wire
	K	K: Animal hair
	L	L: Plant fibre
	M	M: Abrasive wire
	N	N:electric conduction PA6(resistance value:1E3-1E5Ω)
	O	O:High temperature resistant PA66 bristles(170°C)
	P	P:Low temperature resistant PA66 bristles(-40°C)
	Q	Q:High temperature resistant PEEK bristles(220°C)
	R	R:Food grade PP
	S	S:Corrosion resistant PPS
	T	T:Corrosion resistant PVDF
	U	U:Common nylon66 PA66 (high recovery)
	V	V:UL94-V0 flame retardant PA66 (nylon66) (high recovery, high flame retardant)
	W	W:Common PET(low cost,high hardness)
	X	X:Food grade PA610
	Y	Y:Food grade PA612
Bristle shape & color	Bristle shape	S: Straight / W: waviness
	Bristles color	B:Black, BL:blue, W:white, R:red, Y:yellow, G:green, O:orange, P:purple, T:transparent, GR:gray

Note 1: The whole series conforms to UL,RoHS ,REACH WEEEand can be exported to the United States and Europe with confidence.

Note 2: Flame retardant bristles do not conform to low halogen.