



5 color variations enable compliance with HACCP

HACCP is known as the standard for safety management in food manufacturing. This safety method, established by NASA to ensure sanitation of space food, is used not only as an American criterion but also a U.N. criterion today, and has been also introduced into many companies. We developed cleaning tools for supporting the approach to this safety management. To meet the HACCP requirement for the distinction of point of use, application and storage area of cleaning tools, we make cleaning tools in five different colors and support safety management work.

Safety Data Sheet (SDS) system for disclosure of reliable quality information

We can attach SDSs when shipping products. They describe the contained materials, their hazard and toxicity information, handling precautions, environmental impacts, etc., for safe and proper use of chemical products.





About HACCP

In the past, an emphasis has been put on the improvement of the manufacturing environment and securement of sanitation, based on the idea that making the manufacturing environment immaculate and clean enables the manufacturing of safe foods.

And the safety of manufactured foods has been checked mainly through a sampling inspection of finished products (such as microbial culture test).

However, it is impossible to eliminate the possibility that unsafe foods are put on the market and cause food poisoning only by conducting sampling inspection.

On the other hand, the HACCP method enables the prevention of defective products from being shipped in advance, because hazards are predicted in advance in all processes ranging from receipt of raw materials to product manufacturing and shipment, critical control points (CCP) to prevent such hazards (prevent, eliminate and reduce hazards to acceptable levels) are identified, such points are monitored and recorded continuously and countermeasures are taken immediately for resolution if any abnormality is observed, in addition to the above idea and method.



Features of TAKASAGO-series products

Made in Japan

The products are designed for Japanese people's physical constitution. As they are light in weight and compact in size, they are also friendly to women and are earning a good reputation.

HACCP-compliant

The cleaning tools are made in five different colors to distinguish the point of use, application and storage area of cleaning tools as required by HACCP to support safety management work.

3 Highly durable

The brush body is made of polypropylene, which is robust and hard to break, to reduce foreign matter contamination caused by breakage.

4 Structured to prevent bristles from falling out

The metal catches hold the bristle roots tightly to reduce risk of foreign matter contamination due to bristle loss.

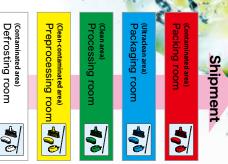
Uses special triangle pole-shaped fibers

Our original bristles are made of special fibers which have a triangular cross-section. They enable the differentiation of our products from other brushes, simplify the follow-up investigation in the event of foreign matter contamination, and enhance traceability.

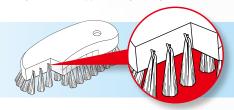
Customized and special-order products can be made

We can make customized and special-order pipe brushes in response to requests from customers (Refer to page 32 for details).

HACCP-compliant model plant (Example)



The cleaning tools are made in five different colors to distinguish. the point of use, application and storage area of cleaning tools, as required by HACCP to support safety management work

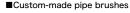


The products made with this special fiber have the following mark:



Examples of customized products







■Custom-made pipe brushes ■Handy brushes with cut bristles



■Brushes with bristles implanted

Metal detector-compatible brushes - HPM series

The features of HPM-series brushes

- Bristles dyed in colors which can be detected by metal detectors are used
- Highly-durable bristles are used
- Four color variations enable color-coding
- Secure and safe Japanese-made brushes
- Designed for Japanese people's physical constitution
- 6 Structured to prevent bristles from falling out



Notes

- *There are cases where the bristles cannot be detected, depending on the settings of the metal detector used, physical properties of foods and etc. Please check under actual usage conditions in advance.
- ***Bristle samples for testing are available. Please feel free to contact**
- *When using a bristle sample, please set the detection sensitivity of the metal detector at the level which reacts to the bristle sample before monitoring, if possible. Please also check if the setting affects your regular operations.
- *The fibers of metal detector-compatible brushes are not triangular in cross section.

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HPM-series

L Magnetic Handy Brush S Magnetic Handy Brush Magnetic Scrubber Round Magnetic Handy Brush





Magnetic Bakery Brush Magnetic Wand Brush Magnetic Pen Brush Magnetic Utility Brush



09 Magnetic Long Handled Brush Magnetic Carwash Brush Straight Handle Magnetic Brush Integrated Magnetic

Magnetic Bottle Brush Head Magnetic Pipe Cleaner Magnetic Joint Pipe Cleaner Head Vacuum Cleaner Nozzle Magnetic Brush



80

Universal Magnetic Broom Italian Magnetic Broom Magnetic Broom Head Magnetic Deck Brush Head

HP-series

L Handy Brush L Handy Brush Pink · Green · Blue S Handy Brush Scrubber



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Intermediate Rod Rod (Resin) Nonwoven Fabric

Nozzle Brush





22 Handy Squeegee Draining Dryer Head (White) Draining Dryer Head (Red) Draining Dryer Head (Yellow) Draining Dryer Head (Green) Draining Dryer Head (Blue) Spare Draining Dryer Diagonally Cut Spare Rubber Squeegee NEW

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25 One-Handed Broom Spare One-Handed Broom S Menuet **Broom Head**

26 Italian Broom Spare Italian Broom Deck Brush Head 20cm-Wide Deck Brush Head



30cm-Wide Deck Brush Head Aluminum Handle Grip for aluminum



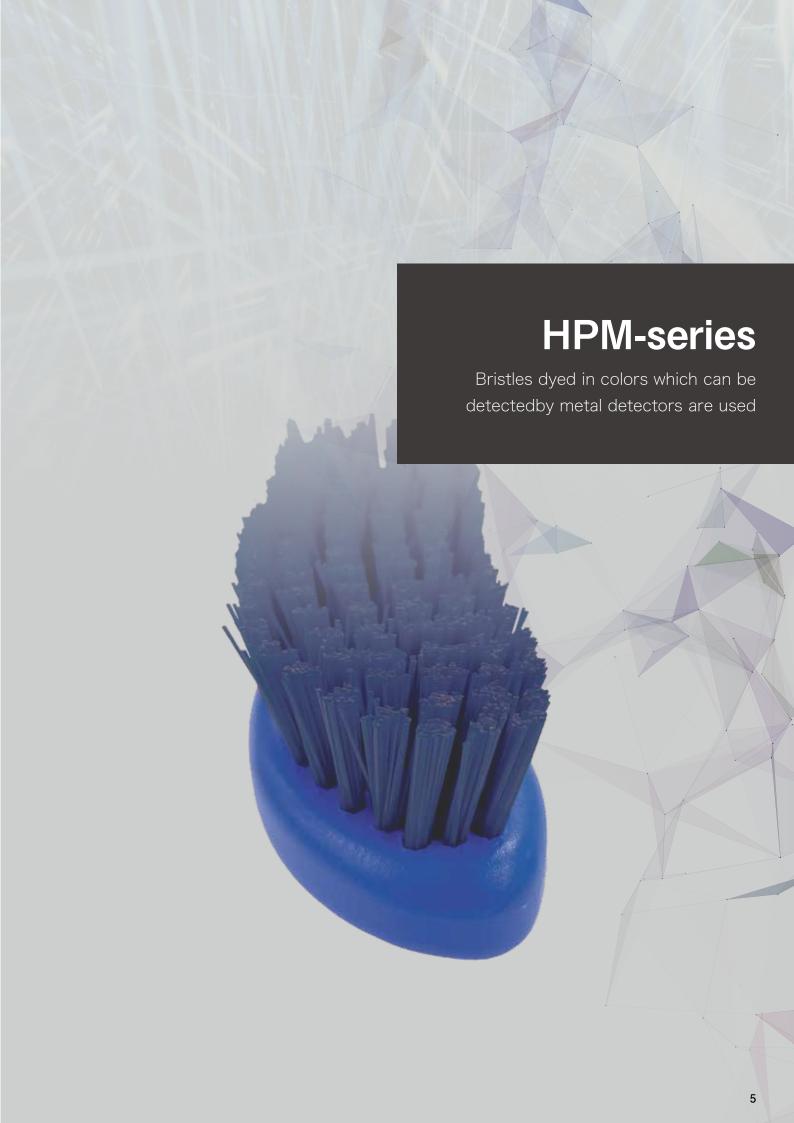
Dustpan (without a 28 rubber part on the edge) Dustpan (with a rubber part on the edge) Duet Dustpan duet Colored Bucket

29 Colored Mop Spare Colored Mop Twin Wooden Floor Wiper Tile Brush



Heat-Resistant-series

30 HP Heat-Resistant Utility Brush HP Heat-Resistant Interspace Brush



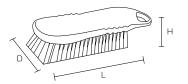
HPM L Magnetic Handy Brush

For appliance cleaning

HPM S Magnetic Handy Brush





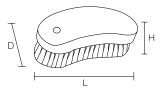






Bristle diameter (mm)	0.6
External dimensions (mm) (L × D × H)	190 × 50 × 50
Bristle length (mm)	30
Upper- temperature limit	120°C
Weight	165g
Material	Main body/ Polypropylene Bristle/Polyester





Product code			
Red	57032		
Yellow	57033		
Green	57034		
Blue	57035		

Specification						
Bristle diameter (mm)	0.6					
External dimensions (mm) (L × D × H)	120 × 45 × 40					
Bristle length (mm)	20					
Upper- temperature limit	120°C					
Weight	110g					
Material	Main body/ Polypropylene Bristle/Polyester					
	Briodoj, diyester					

HPM Magnetic Scrubber

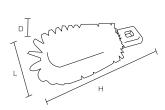
Usage example
The easy-to-grasp grip accurately transmits
the stress applied to remove stains as well
as reduces the burden on the body.



HPM Round Magnetic Handy Brush



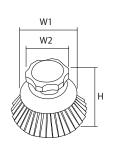






Specification						
Bristle diameter (mm)	0.6					
External dimensions (L × D × H)	70 × 40 × 180					
Upper- temperature limit	120°C					
Weight	70g					
Material	Main body/ Polypropylene Core wire/ Stainless steel Bristle/Polyester					





Product code					
Red	57072				
Yellow	57073				
Green	57074				
Blue	57075				

0.6 90×70×90 (φ 110)
90×70×90 (φ 110)
45
120°C
235g
Main body/ Polypropylene Bristle/Polyester

For appliance cleaning

HPM Magnetic Square Handy Brush

For appliance cleaning

HPM Magnetic Short Handled Brush







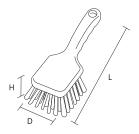
Product code

Red	57077
Yellow	57078
Green	57079
Blue	57080

٠									
>	D	е	c	ΙŤ	ıc	a	tı	10	n

эреспісаціон					
0.6					
150 × 100 × 90					
30					
120°C					
250g					
Main body/ Polypropylene Bristle/Polyester					





Product code

Red	57082
Yellow	57083
Green	57084
Blue	57085

Specification					
Bristle diameter (mm)	0.6				
External dimensions (mm) (L × D × H)	215 × 75 × 55				
Bristle length (mm)	33				
Upper- temperature limit	120°C				
Weight	225g				
Material	Main body/ Polypropylene Bristle/Polyester				

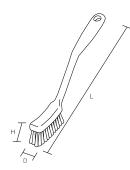
HPM Magnetic Slim Dish Brush



HPM Magnetic Wide Dish Brush



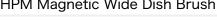




Product code	
Red	
Velleur	

Red	57012
Yellow	57013
Green	57014
Blue	57015

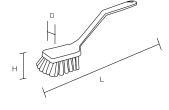
Specification	
Bristle diameter (mm)	0.6
External dimensions (mm) (L × D × H)	290 × 22 × 45
Bristle length (mm)	25
Upper- temperature limit	120°C
Weight	60g
Material	Main body/ Polypropylene Bristle/Polyester





Product code

Red	57022
Yellow	57023
Green	57024
Blue	57025



Specification	
Bristle diameter (mm)	0.6
External dimensions (mm) (L × D × H)	290 × 45 × 40
Bristle length (mm)	20
Upper- temperature limit	120°C
Weight	85g
Material	Main body/ Polypropylene Bristle/Polyester

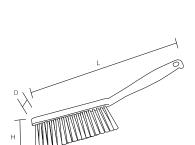
HPM Magnetic Bakery Brush

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HPM Magnetic Wand Brush



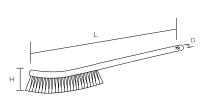




Product code	
Red	57052
Yellow	57053
Green	57054

Specification	
Bristle diameter (mm)	0.6
External dimensions (mm) (L × D × H)	350 × 35 × 110
Bristle length (mm)	50
Upper- temperature limit	120°C
Weight	180g
Material	Main body/ Polypropylene Bristle/Polyester





Product code	
Red	57092
Yellow	57093
Green	57094
Blue	57095

Specification	
Bristle diameter (mm)	0.6
External dimensions (mm) (L × D × H)	600 × 12 × 80
Bristle length (mm)	55
Upper- temperature limit	120°C
Weight	160g
Material	Main body/ Polypropylene Bristle/Polyester

For appliance cleaning

HPM Magnetic Pen Brush



HPM Magnetic Utility Brush



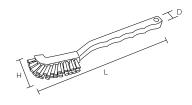




Product code	
Red	57107
Yellow	57108
Green	57109
Blue	57110

Specification	
Bristle diameter (mm)	0.6
External dimensions (mm) (L × H)	22 × 155
Bristle length (mm)	30
Upper- temperature limit	120°C
Weight	30g
Material	Main body/ Polypropylene Bristle/Polyester





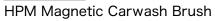
Product code	
Red	57102
Yellow	57103
Green	57104
Blue	57105

Specification						
Bristle diameter (mm)	0.6					
External dimensions (mm) (L × D × H)	210 × 13 × 40					
Bristle length (mm)	15					
Upper- temperature limit	120°C					
Weight	20g					
Material	Main body/ Polypropylene Bristle/Polyester					

For appliance cleaning

HPM Magnetic Long Handled Brush











Product code						
Red	57002					
Yellow	57003					
Green	57004					
Blue	57005					

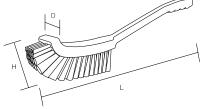




57167
57168
57169
57170



Specification	
Bristle diameter (mm)	0.6
External dimensions (mm) (L × D × H)	435 × 45 × 70
Bristle length (mm)	40
Upper- temperature limit	120°C
Weight	250g
Material	Main body/ Polypropylene Bristle/Polyester



	Specification	
	Bristle diameter (mm)	0.6
١	External dimensions (mm) (L × D × H)	460 × 45 × 100
	Bristle length (mm)	53
	Upper- temperature limit	120°C
	Weight	280g
	Material	Main body/ Polypropylene Bristle/Polyester

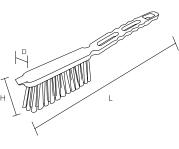
HPM Straight Handle Magnetic Brush











Product code					
Red	57252				
Yellow	57253				
Green	57254				
Blue	57255				

Specification	
Bristle diameter (mm)	0.6
External dimensions (mm) (L × D × H)	410 × 35 × 97
Bristle length	62
Upper- temperature limit	120°C
Weight	195g
Material	Main body/ Polypropylene Bristle/Polyester



Diameter	φ 70	φ 80	φ 90	φ 100
Red	57142	57147	57152	57157
Yellow	57143	57148	57153	57158
Green	57144	57149	57154	57159
Blue	57145	57150	57155	57160

		Blue	5714	45 5715	0 57155	57160	
	Specifica	ation					
1/200	Diame	eter ¢	70	φ 80	φ 90	φ 100	
	Brist diame (mm)	ter	0.6				
/ / L	Exterr dimension (L ×	ns(mm) 39	0×70	395×80	400×90	405×100	
/ /	Uppe tempera limi	ature	120°C				
/	Weig	ht 1	85g	190g	195g	200g	
	Mater	rial Ma Bris	n body stle/Pol	/Polypropyl yester	lene		
, ~							

For appliance cleaning

HPM Magnetic Bottle Brush Head



HPM Magnetic Pipe Cleaner

For appliance cleaning





Product code

Diameter	φ 50	φ 60	φ 70	φ 80	φ 90	φ 100	φ 110	φ 120	φ 130
Red	57047	57057	57062	57067	57117	57122	57127	57132	57137
Yellow	57048	57058	57063	57068	57118	57123	57128	57133	57138
Green	57049	57059	57064	57069	57119	57124	57129	57134	57139
Blue	57050	57060	57065	57070	57120	57125	57130	57135	57140

Specification

•									
Diameter	φ 50	φ 60	φ 70	φ 80	φ 90	φ 100	φ 110	φ 120	φ 130
Bristle diameter (mm)	0.6								
External dimensions (mm) (H×L)	50×170	60×180	70×185	80×190	90×195	100×200	110×205	120×210	130×215
Upper- temperature limit	120°C								
Weight	110g	120g	130g	145g	150g	160g	170g	185g	200g
Material	Main body/Polypropylene Bristle/Polyester								

** The HP Aluminum Handle (introduced on page 27) can be attached to these products.



Product code

Diameter	φ 20	φ 35	φ 40	φ 50	φ 60
Red	57637	57642	57647	57652	57657
Yellow	57638	57643	57648	57653	57658
Green	57639	57644	57649	57654	57659
Blue	57640	57645	57650	57655	57660

Specification

Diameter	φ 20	φ 35	φ 40	φ 50	φ 60
Bristle diameter (mm)	0.6				
External dimensions (mm) $(L \times H_1 \times H_2)$	$\%$ x 120 x 500 mm $\%$ The dimension L varies depending on the bristle length described in the column of the right. $\%$ H_3 = 120 mm				the column on
Bristle length (mm)	20	35	40	50	60
Upper- temperature limit	120°C				
Weight	70g	80g	90g	95g	100g
Material	Bristle/Polyester Core wire/Stainless steel Grip/Polypropylene				

NEW

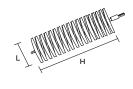
HPM Magnetic Joint Pipe Cleaner Head



HPM Vacuum Cleaner Nozzle Magnetic Brush ● ● ● ●







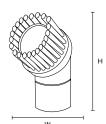
Please refer to (page 20 and 21) for the handle to be connected.

Product code

1 Todace c	ouc				
Diameter	φ 20	φ 35	φ 40	φ 50	φ 60
Red	57757	57762	57767	57772	57777
Yellow	57758	57763	57768	57773	57778
Green	57759	57764	57769	57774	57779
Blue	57760	57765	57770	57775	57780

Specification					
Diameter	φ 20	φ 35	φ 40	φ 50	φ 60
Bristle diameter (mm)	0.6				
External dimensions (mm) (L × H)	**x120mm % The dimension L varies depending on the bristle length described in the column on the right. % H_2 = 120 mm				
Bristle length (mm)	20	35	40	50	60
Upper- temperature limit	120°C				
Weight	20g	30g	35g	40g	45g
Material	Bristle/Polyester Core wire/Stainless steel				







Product code

Red	57172
Yellow	57173
Green	57174
Blue	57175

Bristle diameter (mm)	0.6
External dimensions (mm) (W × H)	70 × 145 Nozzle body insertion diameter Inner diameter45 mm Outer diameter49 mm
Bristle length (mm)	40
Weight	75g
Material	Main body/ Polypropylene Bristle/Polyester

For floor cleaning

HPM Universal Magnetic Broom



HPM Italian Magnetic Broom

For floor cleaning







Product code

	Main body		Spare	
Wide type	30cm	45cm	30cm	45cm
Red	57202	57207	57212	57217
Yellow	57203	57208	57213	57218
Green	57204	57209	57214	57219
Blue	57205	57210	57215	57220

Specification	

	Main	Main body		are
Wide type(cm)	30	45	30	45
Bristle diameter(mm)	0.6			
External dimensions (mm) (L × D × H)	300 × 30 × 1370	450 × 30 × 1370	300 × 14 × 87	450 × 14 × 87
Bristle length (mm) 40		0		
Upper- temperature limit	120°C		0°C	
Weight	465g	540g	120g	195g
Head/Polypropylene Joint/Stainless steel Material Bristle/Polyester Handle/Aluminum Grin/Polypropylene		Head/Polypr Bristle/Polye		





Product code

	Long handle	Spare			
Red	57222	57237			
Yellow	57223	57238			
Green	57224	57239			
Blue	57225	57240			

Specification

pecinication			
	Long handle	Spare	
External dimensions (mm) (L × H)	1330 × 300	170 × 300	
Bristle diameter (mm)	0	.6	
Bristle length (mm)	9	0	
Upper- temperature limit	12	0°C	
Weight 565g		245g	
Material	Head/Polypropylene Grip/Polypropylene Bristle/Polyester Handle/Aluminum	Head/Polypropylene Bristle/Polyester	



HPM Magnetic Broom Head



HPM Magnetic Deck Brush Head





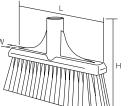
* The HP Aluminum Handle (introduced on page 27) can be attached to these products.



Product code

Red	57242
Yellow	57243
Green	57244
Blue	57245

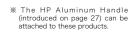
Specification	
Bristle diameter (mm)	0.6
External dimensions (mm) (L × W × H)	230 × 35 × 170
Bristle length (mm)	75
Upper- temperature limit	120°C
Weight	285g
Material	Main body/ Polypropylene

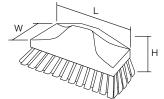


Joint connection









Product code

Red	57247
Yellow	57248
Green	57249
Blue	57250

Specification	
Bristle diameter (mm)	0.6
External dimensions (mm) (L × W × H)	190 × 80 × 80
Bristle length (mm)	30
Upper- temperature limit	120°C
Weight	290g
Material	Main body/ Polypropylene Bristle/Polyester

^{**} HPM Magnetic Broom Heads may require a long production lead time because they are made to order.
** The shape is going to be switched to the one for the HP Deck Brush Head 20 cm (see page 26) when the current supply runs out.



HP L Handy Brush

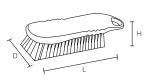


HP L Handy Brush (Pink · Light Green · Light Blue) ● ● ●

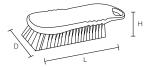
New color variations have been added.







t		
5		
6		
7		
8		
9		



Product code

Bristle type	Hard
Bristle diameter (mm)	0.6
Pink	53902
	53904
Light Blue	53905

Triangle fibers

The easy-to-grasp grip accurately transmits the stress applied to remove stains as well as reduces the burden on the body.

Specification

Product code

Bristle type	Soft	Hard
Bristle diameter (mm)	0.4	0.6
External dimensions (mm) (L × D × H)	190 × 50 × 50	
Bristle length (mm)	35	30
Upper- temperature limit	120°C	
Weight	155g	
Material	Main body/Polypropylene Bristle/Polyester	

Specification	
Bristle diameter (mm)	0.6
External dimensions (mm) (L × D × H)	190 × 50 × 50
Upper- temperature limit	120°C
Material	Main body/ Polypropylene Bristle/Polyester

For appliance cleaning

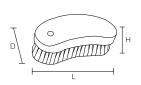
HP S Handy Brush











Product code

Bristle type	Soft	Hard
Bristle diameter (mm)	0.2	0.6
White	55136	55131
Red	55137	55132
Yellow	55138	55133
Green	55139	55134
Blue	55140	55135



-F		
Bristle type	Soft	Hard
Bristle diameter (mm)	0.2	0.6
External dimensions (mm) (L × D × H)	ions (m) 120 × 45 × 40	
Bristle length (mm)		
Upper- temperature limit		
Weight		
Material	Main body/Polypropylene Bristle/Polyester	

^{**} The "HP New Nail Brush" which was previously sold has the same specifications as the "HP S Handy Brush Soft". Therefore, please order a "Soft Type of HP S Handy Brush" if you want an "HP New Nail Brush".



Triangle fibers



Product code

write	55126
Red	55127
Yellow	55128
Green	55129
Blue	55130

Specification	
Bristle diameter (mm)	0.4
External dimensions (mm) (L × D × H)	70 × 40 × 180
Upper- temperature limit	120°C
Weight	65g
Material	Main body/ Polypropylene Core wire/Stainless steel Bristle/Polyester

HP Round Handy Brush

W1 W2

For appliance cleaning HP Square Handy Brush







Features

As these brushes have a shape which enables them to be easily grasped and used vigorously as well as having a large amount of bristles, they are suitable for removing sticky and stubborn stains. They can be stored in a sanitary manner because they can be hung.



55861
55862
55863
55864
55865



This is bamboo whisk type brush for preventing foreign matter contamination.

The bristles are made of thick and hard material and

are elongated to take countermeasures against high temperatures (The diameter and length of bristles are 0.9 mm and 80 mm, respectively). Please feel free to contact us if you are interested in

this product.

Chinese resta cleaning pots

f actual use		Blue
urants (for and pans)	Product code	55860

White	55861
Red	55862
Yellow	55863
Green	55864
Blue	55865

Specification		
Bristle diameter (mm)	0.4	
External dimensions (mm) (W1 × W2 × H)	90 × 70 × 90 (φ 110)	
Bristle length (mm)	45	
Upper- temperature limit	120°C	
Weight	205g	
Material	Main body/ Polypropylene Bristle/Polyester	



Product code

1 Todact code		
White	54316	
Red	54317	
Yellow	54318	
Green	54319	
Blue	54320	

Specification	
Bristle type (Bristle diameter (mm))	Hard (0.6)
External dimensions (mm) (L × D × H)	150 × 100 × 90
Bristle length (mm)	30
Upper- temperature limit	120°C
Weight	280g
Material	Main body/ Polypropylene Bristle/Polyester

HP Short Handled Brush



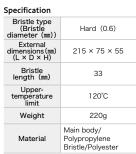
HP Straight Handle Brush



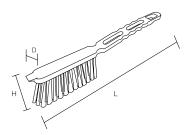




Product code		
White	54121	
Red	54122	
Yellow	54123	
Green	54124	
Blue	54125	



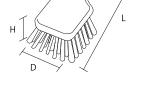






Product code	
Red	54442
Yellow	54443
Green	54444
Blue	54445

Bristle type (Bristle diameter (mm))	Hard (0.6)
External dimensions (mm) (L × D × H)	410 × 35 × 97
Bristle length (mm)	62
Upper- temperature limit	120°C
Weight	190g
Material	Main body/ Polypropylene Bristle/Polyester



HP Long Handled Brush



For appliance cleaning HP Carwash Brush

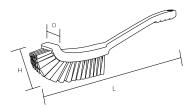






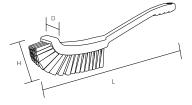






Product code	
White	55816
Red	55817
Yellow	55818
Green	55819
Blue	55820

Specification		
Bristle diameter (mm)	0.6	
External dimensions (mm) (L × D × H)	435 × 45 × 70	
Bristle length (mm)	40	
Upper- temperature limit	120°C	
Weight	240g	
Material	Main body/ Polypropylene Bristle/Polyester	





Product code		
White	55826	
Red	55827	
Yellow	55828	
Green	55829	
Blue	55830	

Specification	
Bristle diameter (mm)	0.4
External dimensions (mm) (L × D × H)	460 × 45 × 100
Bristle length (mm)	53
Upper- temperature limit	120°C
Weight	250g
Material	Main body/ Polypropylene Bristle/Polyester

HP Slim Dish Brush







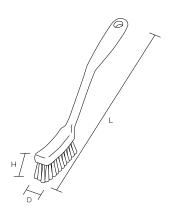




Triangle fibers

55821 55822





Yellow	55823	
Green	55824	
Blue	55825	
Specification		
Bristle diameter (mm)	0.4	
External dimensions (mm) (L × D × H)	290 × 22 × 45	
Bristle length (mm)	25	
Upper- temperature limit	120°C	
Weight	60g	
Material	Main body/ Polypropylene Bristle/Polyester	

White



Product code		
White	55831	
Red	55832	
Yellow	55833	
Green	55834	
Blue	55835	
Specification		
Bristle diameter (mm)	0.4	
Cutomod		

Bristle diameter (mm)	0.4	
External dimensions (mm) (L × D × H)	290 × 45 × 40	
Bristle length (mm)	20	
Upper- temperature limit	120°C	
Weight	82g	
Material	Main body/ Polypropylene Bristle/Polyester	

^{**} The HP Long Handled Brush (Soft type) were discontinued. The replacement is HP Carwash Brush (Page 15).

HP Bakery Brush (Soft / Hard)

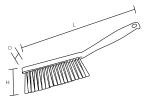
For appliance cleaning **HP Wand Brush**











Product code		
Bristle type	Soft	Hard
White	55841	55846
Red	55842	55847
Yellow	55843	55848
Green	55844	55849
Blue	55845	55850

Product code	
White 55836	
Red	55837
Yellow	55838
Green	55839
Blue	55840

otice of shape change HP Bakery Brush (soft/hard) The shape of the HPM Bakery Magnetic Brush will change when the current supply runs out. The shape of the grip is changed to a square to reduce slipping.

Specification		
Soft	Hard	
0.2	0.4	
350 × 35 × 110		
50		
120°C		
170g		
Main body/Polypropylene Bristle/Polyester		
	0.2 350 × 3 5 12 17 Main body/Polyt	

Specification		
Bristle diameter (mm)	0.4	
External dimensions (mm) (L × D × H)	600 × 12 × 80	
Bristle length (mm)	55	
Upper- temperature limit	120°C	
Weight	125g	
Material	Main body/ Polypropylene Bristle/Polyester	

HP Mini Broom

120°C

35g Main body/ Polypropylene Bristle/Polyester

Weight

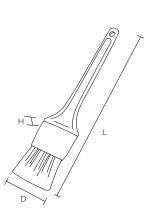
Material

HP Pastry Brush (Small, Medium and Large) ••••









Product code			
Size	Small	Medium	Large
Red	54017	54012	54007
Yellow	54018	54013	54008
Green	54019	54014	54009
Blue	54020	54015	54010

Specification			
Size	Small	Medium	Large
Bristle diameter (mm)	0.1		
External dimensions (mm) (L × D × H)	240×30×9	240×45×9	240×60×9
Bristle length (mm)	45		
Upper- temperature limit	120°C		
Weight	25g 35g 45g		45g
Material	Main body/Polypropylene Bristle/Polyester		

For appliance cleaning

HP Nail Brush







	1
爨/	
A.	

11232

150 × 70 × 55

30g

Main body/ Polypropylene

Product code

Specification External dimensions (mm) (L × D × H)

comb length (mm)

Weight

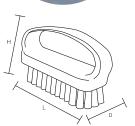
Material





54301
54302
54303
54304
54305

Specification



эреспісаціон		
0.2		
80 × 30 × 50		
18		
120°C		
45g		
Main body/ Polypropylene Bristle/Polyester		

** The "HP New Nail Brush," which was previously sold, has the same specifications as the "HP S Handy Brush Soft". Therefore, please order a "Soft Type of HP S Handy Brush" if you want a "HP New Nail Brush".

HP Utility Brush

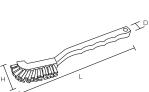
Н



HP Interspace Brush











Usage example

Usage example
These brushes remove stains even in inaccessible by hand, narrow and difficult-to-wash spaces, as well as sweeping up the dirt accumulated in the corners of machines. As these brushes are available in two types, Medium and Hard, you can select either one depending on the dust type. Their special toothbrush-shaped design enables reaching to the ends, making them suitable for various applications.

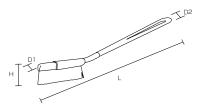
Product code

1 Todact code			
Bristle type	Medium	Hard	
White	55065	55075	
Red	55066	55076	
Yellow	55067	55077	
Green	55068	55078	
Blue	55069	55079	

Specification

Bristle type	Medium	Hard	
Bristle diameter (mm)	0.4	0.6	
External dimensions (mm) (L × D × H)	210 × 13 × 40		
Bristle length (mm)	15		
Upper- temperature limit	120°C		
Weight	30g		
Material	Main body/Po Bristle/Polyes		





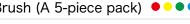
Triangle fibers

55081
55082
55083
55084
55085

Specification		
Bristle diameter (mm)	0.4	
External dimensions (mm) (L×D1×D2×H)	215 × 5 × 16 × 20	
Bristle length (mm)	13	
Upper- temperature limit	120°C	
Weight	55g	
Material	Main body/ Polypropylene Bristle/Polyester	

HP Pen Brush

HP Toothbrush-Type Brush (A 5-piece pack) ●●●●



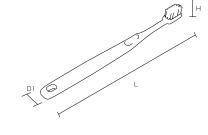




Product code	
Red	54132
Yellow	54133
Green	54134
Blue	54135

Specification			
Bristle diameter (mm)	0.4		
External dimensions (mm) (L × H)	22 × 155		
Bristle length (mm)	30		
Weight	40g		
Material	Main body/ Polypropylene Bristle/Polyester		





Product code	
Red	57112
Yellow	57113
Green	57114
Blue	57115

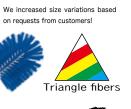
Specification	
Bristle diameter (mm)	0.2
External dimensions (mm) (L×D1×H)	165 × 11 × 13
Bristle length (mm)	8
Upper- temperature limit	120°C
Weight	7g
Material	Main body/ Polypropylene Bristle/Polyester

※ This product is sold in sets (A 5-piece pack).

HP Integrated Bottle Brush

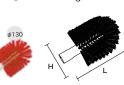






Images of re	spective sizes
φ50	φ70
	All the same of th





Produ	ıct	code

Diameter	φ 70	φ 80	φ 90	φ 100
White	54201	54206	54211	54216
Red	54202	54207	54212	54217
Yellow	54203	54208	54213	54218
Green	54204	54209	54214	54219
Blue	54205	54210	54215	54220

Specification							
Diameter	φ 70	φ 80	φ 90	φ 100			
Bristle diameter (mm)		0.4					
External dimensions (mm) (L × H)	390 × 70	395 × 80	400 × 90	405 × 100			
Upper- temperature limit		120°C					
Weight	185g	190g	195g	200g			
Material	Main body/Polypropylene						

Product code

Diar	neter	φ 50	φ 60	φ 70	φ 80	φ 90	φ 100	φ 110	φ 120	φ 130
WI	hite	55186	55191	55196	55206	55211	55216	55221	55226	55231
R	ed	55187	55192	55197	55207	55212	55217	55222	55227	55232
Ye	llow	55188	55193	55198	55208	55213	55218	55223	55228	55233
Gr	een	55189	55194	55199	55209	55214	55219	55224	55229	55234
В	lue	55190	55195	55200	55210	55215	55220	55225	55230	55235

Specification

Diameter	φ 50	φ 60	φ 70	φ 80	φ 90	φ 100	φ 110	φ 120	φ 130		
Bristle diameter		0.4mm									
External dimensions (H × L)	50 × 170mm	60 × 180mm	70 × 185mm	80 × 190mm	90 × 195mm	100 × 200mm	110 × 205mm	120 × 210mm	130 × 215mm		
Upper- temperature limit		120°C									
Weight	100g	110g	120g	130g	140g	155g	170g	175g	180g		
Material	Main body/Polypropylene Bristle/Polyester										

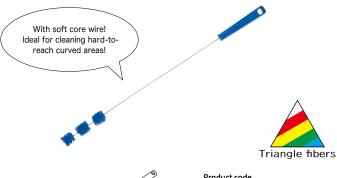
The HP Aluminum Handle (introduced on page 27) can be attached to these products.

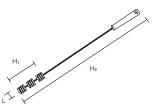
HP Drainpipe Cleaner

For appliance cleaning

HP Mini Pipe Brush (Small, Medium and Large) ○ ● ● ● ●



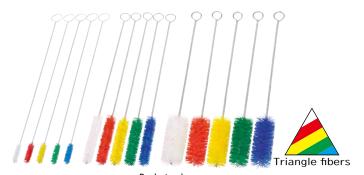


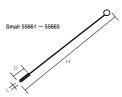


Product code	
Blue	55625

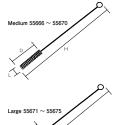
Specification

Bristle diameter (mm)	0.4		
External dimensions (mm) (L × H ₁ × H ₂)	30 × 130 × 600mm * H ₃ =120mm		
Bristle length (mm)	30mm×3連		
Weight	55g		
Material	Bristle/Polyester Core wire/Stainless steel Grip/PP		





i iouuct couc			
Size	Small	Medium	Large
White	55661	55666	55671
Red	55662	55667	55672
Yellow	55663	55668	55673
Green	55664	55669	55674
Blue	55665	55670	55675



Specification					
Size	Small	Medium	Large		
Bristle diameter (mm)	0.1	0.2			
External dimensions (mm) (L × H, D)	φ5×200、20	φ10×200、50	φ20×200、50		
Bristle length (mm)	φ5	φ 10	φ 20		
Upper- temperature limit		120°C			
Weight	1g	3g	5g		
Material	Core wire/Stainless steel Bristle/Polyester				

As the brush sizes are small and unstable, they may differ from the external dimensions described
 above.

For appliance cleaning

HP S Pipe Cleaner





HP Pipe Cleaner

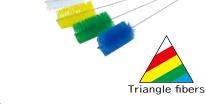


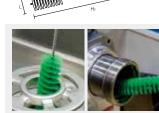




55626 55627

55628 55629





Usage example
These products are suitable to clean the inside of pipes and to wash the inside of manufacturing equipment.
They also have high durability and sanitation property because they are made of highly-restorable materials.
HP joint pipe cleaners are changeable their head so running costs will be reduced.

	Blue	55630
Spe	ecification	
	Bristle diameter	0.2
	External mensions (mm) _ × H ₁ × H ₂)	15 × 150 × 300 Ж H ₃ = 120
1	Bristle ength (mm)	φ 15
	Weight	55g
	Material	Bristle/Polyester Core wire/Stainless

Grip/Polypropylene

Product code White

Product code

Size (mm)	φ 10	φ 20	φ 35	φ 40	φ 50	φ 60
White	55631	55636	55641	55646	55651	55656
Red	55632	55637	55642	55647	55652	55657
Yellow	55633	55638	55643	55648	55653	55658
Green	55634	55639	55644	55649	55654	55659
Blue	55635	55640	55645	55650	55655	55660

Size (mm)	φ 10	φ 20	φ 35	φ 40	φ 50	φ 60			
Bristle diameter (mm)	0.	2		0.4					
External dimensions (mm) (L×H ₁ ×H ₂)	X The dimens the right.	 X 120 x 500 mm The dimension L varies depending on the bristle length described in the column on the right. H₃ = 120 mm 							
Bristle length (mm)	φ 10	φ 20	φ 35	φ 40	φ 50	φ 60			
Upper- temperature limit		120°C							
Weight	75g	75g	80g	80g	85g	90g			
Material	Bristle/Polyester Core wire/Stainless steel Grip/Polypropylene								

HP Joint Pipe Cleaner Head



For appliance cleaning HP Joint Pipe Cleaner Rod (Hard)

With the use of thick and hard core wire, this rod resists bending.





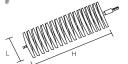


Image of connecting the Joint Pipe Cleaner

 Product code

 Size (mm)
 400
 600

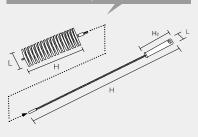
 White
 55731
 55736

 Red
 55732
 55737

 Yellow
 55733
 55738

 Green
 55734
 55739

 Blue
 55735
 55740



The Joint Pipe Cleaner Head (brush part) can be used by connecting it to Joint Pipe Cleaner Rod (handle).

Specification

Size (mm)	400	600		
External dimensions (mm) (L × H)	22 × 400	22 × 600		
Nut size (mm)	8			
Upper- temperature limit	12	0°C		
Weight	85g	112g		
Material	Core wire/Stainless steel Grip/Polypropylene			

Product code

Bristle length (mm)	φ 10	φ 15	φ 20	φ 25	φ 35	φ 40	φ 50	φ 60
White	55751	55781	55756	55786	55761	55766	55771	55776
Red	55752	55782	55757	55787	55762	55767	55772	55777
Yellow	55753	55783	55758	55788	55763	55768	55773	55778
Green	55754	55784	55759	55789	55764	55769	55774	55779
Blue	55755	55785	55760	55790	55765	55770	55775	55780

Specification

•								
diameter(mm)	0.2			0.4				
External dimensions (mm) (L × H)	*The din	** x 120mm **The dimension L varies depending on the bristle length described in the column on the right.						
Bristle length (mm)	φ 10	φ 10 φ 15 φ 20 φ 25 φ 35 φ 40 φ 50 φ 60					φ 60	
Upper- temperature limit	120°C							
Weight	12g	15g	15g	15g	25g	25g	30g	30g
Material	Bristle/Polyester Core wire/Stainless steel							

For appliance cleaning

HP Joint Pipe Cleaner Rod (Grip)





HP Joint Pipe Cleaner Rod (Ring end)



Product code

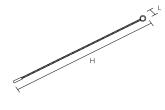
Size (mm)	150	400	600	1,000
White	55721	55701	55706	55711
Red	55722	55702	55707	55712
Yellow	55723	55703	55708	55713
Green	55724	55704	55709	55714
Blue	55725	55705	55710	55715

Specification

Specification				
Size (mm)	150	400	600	1,000
External dimensions (mm) (L × H)	22 × 150	22 × 400	22 × 600	22 × 1,000
Nut size (mm)	8			
Upper- temperature limit	120°C			
Weight	50g	75g	100g	150g
Material	Core wire/Stainless steel Grip/Polypropylene			

Product code

Size (mm)	400	600	1,000
Ring end	55692	55693	55694



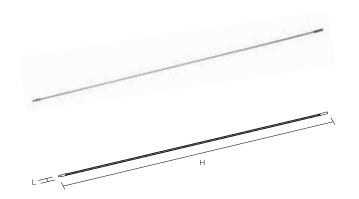
Specification			
Size (mm)	400	600	1,000
External dimensions (mm) (L × H)	13 × 400	13 × 600	13 × 1,000
Nut size (mm)	8		
Upper- temperature limit	120°C		
Weight	40g	65g	115g
Material	Core wire/Stainless steel		

HP Joint Pipe Cleaner Intermediate Rod

For appliance cleaning

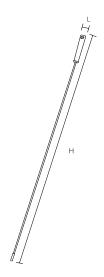
HP Joint Pipe Cleaner Rod (Resin)





Product code				
	55695			
Specification				
Size (mm)	1,000			
External dimensions (mm) (L × H)	φ 8 × 1,000			
Nut size (mm)	8			
Upper- temperature limit	120°C			
Weight	130g			
Material	Stainless steel			





Product code	Product code			
Size (mm)	1,130			
White	55726			
Red	55727			
Yellow	55728			
Green	55729			
Blue	55730			

Specification	Specification				
Size (mm)	1,130				
External dimensions (mm) (L × H)	22 × 1,130				
Nut size (mm)	8				
Upper- temperature limit	120°C				
Weight	75g				
Material	Resin/POM Grip/Polypropylene				



HP Nonwoven Fabric Cleaner, 5-pack (red/blue) ••

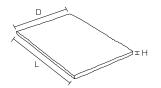


HP Vacuum Cleaner Nozzle Brush



0.4

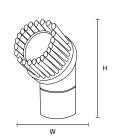




Product code	Product code		
Red	59007		
Blue	59010		

Specification			
External dimensions (mm) (L × D × H)	230 × 150 × 5		
Weight	20g		
Material	Polyester non-woven fabric		







Exte dimensi (W >

Product code White

Specification

Bristle diameter (mm)

External limensions (mm) (W × H) Nozzle body insertion diameter (H × H) Nozzle body (H ×

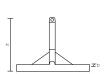
HP Handy Squeegee

HP Draining Dryer Head (White)

60 54071

The products with green rubber are more durable than the ones with blue or white rubber!





White

Product code				
Rubber color	White	Blue	Green	
White	54051	54056	54091	
Red	54052	54057	54092	
Yellow	54053	54058	54093	
Green	54054	54059	54094	
Blue	54055	54060	54095	

Specification

External imensions (mm) (L×H×D)

Weight Material

Rubber: White					
Size	25	40	50	60	
White	54026	54031	54036	54041	

lubber: Blue					
Size	25	40	50		
White	54081	54061	5406		

F	Rubber: Green						
	Size	25	40	50	60		
	White	54151	54156	54161	54166		

Main body
250 × 330 × 26
100°C
270g

PE/Rubber sponge

Specification

Size	25	40	50	60
External dimensions(mm) (L × H × D)	250×150×26	400×150×26	500×150×26	600×150×26
Upper- temperature limit	100°C			
Weight	180g	220g	260g	310g
Material	PP/PE/Rubber sponge			

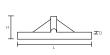
* The HP Aluminum Handle (introduced on page 27) can be attached to these products.

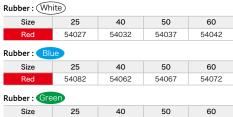
% For the new type of grip, HP Aluminum Grip/Pin (see page 27) can be attached.% Drainage Dryer 25 Spare Rubber can also be used with the Hand Squeegee Spare Rubber (page 23).

HP Draining Dryer Head (Red)

HP Draining Dryer Head (Yellow)







54157

54162

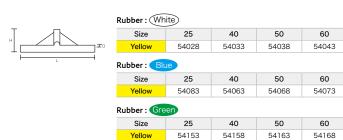
54167

Specification						
Size 25 40 50 60						
External dimensions (mm) (L × D × H)	250×150×26	400×150×26	500×150×26	600×150×26		
Upper- temperature limit	100°C					
Weight	180g	220g	260g	310g		
Material	PP/PE/Rubber sponge					

54152

 $\ensuremath{\mathrm{X}}$ The HP Aluminum Handle (introduced on page 27) can be attached to these products.



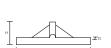


-permanen				
Size	25	40	50	60
External dimensions (mm) (L × D × H)	250×150×26	400×150×26	500×150×26	600×150×26
Upper- temperature limit	100°C			
Weight	180g	220g	260g	310g
Material	PP/PE/Rubber sponge			

HP Draining Dryer Head (Green)

HP Draining Dryer Head (Blue)





Rubber: White					
Size	25	40	50	60	
Green	54029	54034	54039	54044	

Rubber : Blu

Size	25	40	50	60
Green	54084	54064	54069	54074

Rubber : Green

Size	25	40	50	60
Green	54154	54159	54164	54169

Specification	

Size	25	40	50	60
External dimensions (mm) (L × D × H)	250×150×26	400×150×26	500×150×26	600×150×26
Upper- temperature limit	100°C			
Weight	180g	220g	260g	310g
Material	PP/PE/Rubber sponge			



Rubber : Wh	ite			
Size	25	40	50	60
Blue	54030	54035	54040	54045
Dubban Di				

Blue	54085	54065	54070	54075
Rubber : Gre	en			

Size	25	40	50	60
Blue	54155	54160	54165	54170

Specification

<u> </u>				
Size	25	40	50	60
External dimensions (mm) (L × D × H)	250×150×26	400×150×26	500×150×26	600×150×26
Upper- temperature limit	100°C			
Weight	180g	220g	260g	310g
Material	PP/PE/Rubber sponge			

 $\ensuremath{\mathrm{\mathcal{W}}}$ The HP Aluminum Handle (introduced on page 27) can be attached to these products.

For floor cleaning

HP Spare Draining Dryer



Diagonally Cut Spare Rubber







oduct code						
Size	25	40	50	60		
White	54049	54046	54047	54048		
Blue	54050	54076	54077	54078		
Croon	E4000	E 4006	E 4007	E4000		

400×55×14 500×55×14

100°C

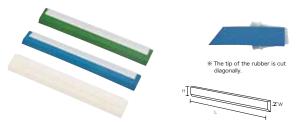
110g

Material

		siue	540	J5U	5407	0	54077	54076	
	G	reen	540	089	5408	6	54087	54088	
Specifica	Specification								
Size	•	25	5		40		50	60	

Upper-temperature limit 60g 90g Weight

PP/PE/Rubber sponge * Drainage Dryer 25 Spare Rubber can also be used with the Hand Squeegee Spare Rubber (page 22).



Product code

Size	25	40	50	60
White	54429	54426	54427	54428
Blue	54419	54416	54417	54418
Green	54439	54436	54437	54438

Specification

Size	25	40	50	60
External dimensions (mm) (L × D × H)	250×60×14	400×60×14	500×60×14	600×60×14
Upper- temperature limit	100°C			
Weight	55g	85g	105g	125g
Material	PE/Rubber sponge			

- ** The diagonally cut rubber is only available as spares.
 ** Drainage Dryer 25 Spare Rubber can also be used with the Hand Squeegee Spare Rubber (page 22).



HP Squeegee



600×55×14

130g

Details will be announced in the newsletter or other means as soon as they are finalized.



HP Universal Broom

$\bigcirc \bullet \bigcirc \bullet \bullet$

For floor cleaning HP Spare Universal Broom











fibers H



Product code

Size (cm)	30		45	
Bristle type (Bristle diameter mm)	Soft (0.2)	Hard (0.4)	Soft (0.2)	Hard (0.4)
White	55045	55115	55055	55165
Red	55046	55116	55056	55166
Yellow	55047	55117	55057	55167
Green	55048	55118	55058	55168
Blue	55049	55119	55059	55169

Specification

Size (cm)	30)	45	
Bristle type (Bristle diameter mm)	Soft (0.2)	Hard (0.4)	Soft (0.2) Hard (
External dimensions (mm) (L × D × H)	300 × 14 × 87		450 × 14 × 87	
Bristle length (mm)	40			
Upper- temperature limit	120°C			
Weight	95g 135g			
Material	Head/Polypropylene Bristle/Polyester			

Product code

Size (cm)	30		45	
Bristle type (Bristle diameter mm)	Soft (0.2)	Hard (0.4)	Soft (0.2)	Hard (0.4)
White	55040	55110	55050	55160
Red	55041	55111	55051	55161
Yellow	55042	55112	55052	55162
Green	55043	55113	55053	55163
Blue	55044	55114	55054	55164

Specification

Size (cm)	30		45		
Bristle type (Bristle diameter mm)	Soft (0.2)	Hard (0.4)	Soft (0.2)	Hard (0.4)	
External dimensions (mm) (L × D × H)	300 × 30 × 1370		450 × 30 × 1370		
Bristle length (mm)	40				
Upper- temperature limit		120°C			
Weight	440g 490g				
Material		Joint/Stainless ste landle/Aluminum G			

 $\mbox{\%}$ For the new type of grip, HP Aluminum Grip/Pin (see page 27) can be attached. $\mbox{\%}$ HP Aluminum handle cannot be connected.

For floor cleaning

HP Under-machine broom



HP Spare Under-machine broom









Product code

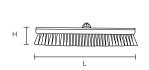
Blue	54255

H]

Bristle type (Bristle diameter mm)	Hard (0.4)	
External dimensions (mm) (L × D × H)	300 × 1330 × 55	
Bristle length (mm)	40	
Upper- temperature limit	120°C	
Weight	440g	
Material	Head/Polypropylene Joint/Stainless steel Bristle/Polyester Handle/Aluminum Grip/Polypropylene	







Specification	
Bristle type (Bristle diameter mm)	Hard (0.4)
External dimensions (mm) (L × D × H)	300 × 50 × 55
Bristle length (mm)	40
Upper- temperature limit	120°C
Weight	95g
Material	Head/Polypropylene Bristle/Polyester

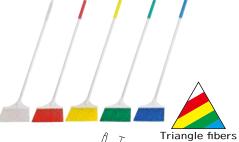
HP One-Handed Broom



HP Spare One-Handed Broom

For floor cleaning







This product can be stored in HP Duet Dustpan!

Hard

54261

54262

54263

54264

54265

Soft

54271

54272

54273

54274

54275





Product code Bristle type Soft Hard White 54276 54266 54277 54267 Yellow 54268 54278 54279 54269 54280 54270



Bristle type (Bristle diameter mm)	Soft (0.4)	Hard (0.6)
External dimensions (mm) (L × H)	210 × 870	
Bristle length (mm)	85	
Upper- temperature limit	120°C	
Weight	220g	
Material	Head/Polypropylene Bristle/Polyester Handle/Aluminum Grip/Polyethylene	

Product code Bristle type

White

Yellow

Specification

-p		
Bristle type (Bristle diameter mm)	Soft (0.4)	Hard (0.6)
External dimensions (mm) (L × H)	210 × 150	
Bristle length (mm)	85	
Upper- temperature limit	120°C	
Weight	115g	
Material	Head/Polypropylene Bristle/Polyester	

HP S Menuet



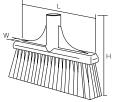
HP Broom Head





Product code				
Blue	56050			
Specification				
Bristle diameter (mm)	0.9			
External dimensions (mm) (L × H)	230 × 870			
Bristle length (mm)	130			
Weight	210g			
Material	Bristle/Polypropylener Handle/Aluminum Grip/Polyethylene			





Product code		
Bristle type (Bristle diameter mm)	Soft (0.4)	Hard (0.6)
White	55030	55035
Red	55031	55036
Yellow	55032	55037
Green	55033	55038
Blue	55034	55039

Joint connection

Dulatia tama		
Bristle type (Bristle diameter mm)	Soft (0.4)	Hard (0.6)
External dimensions (mm) (L × W × H)	230 × 35 × 170	
Bristle length (mm)	75	
Upper- temperature limit	120°C	
Weight	330g	
Material	Main body/Polypropylene Bristle/Polyester	

HP Italian Broom

HP Spare Italian Broom

For floor cleaning



Hard (0.6)

 \bigcirc \bigcirc \bigcirc \bigcirc

Triangle fibers

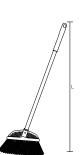




Triangle fibers







Product code

Approx. 1,330 mm

Туре	Long handle	
Bristle type (Bristle diameter mm)	Soft (0.4)	Hard (0.6)
Red	54182	54222
Yellow	54183	54223
Green	54184	54224
Blue	54185	54225

Type	Long handle	
Bristle type	Long handle	
(Bristle diameter mm)	Soft (0.4)	Hard (0.6)
External dimensions (mm) (L × H)	1330	× 300
Bristle length (mm)	90	
Upper- temperature limit	120°C	
Weight	490g	530g
Material	Head/Polypropylene Grip/Polypropylene Bristle/Polyester Handle/Aluminum	



The attached comb can be used to scrape off residue from the broom



Bristle type (Bristle diameter m) 54187 54227 Red 54188 54228 54229 54189 54190 54230

Soft (0.4)

Specification

Product code

Specification		
Type	Long handle	
Bristle type (Bristle diameter mm)	Soft (0.4)	Hard (0.6)
External dimensions (mm) (L × H)	170 >	< 300
Bristle length (mm)	90	
Upper- temperature limit	120°C	
Weight	170g	215g
Material	Head/Polypropylene Bristle/Polyester	



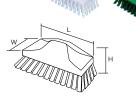
HP Deck Brush Head





HP 20cm-Wide Deck Brush Head



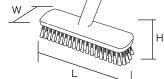




Product code

White	55000
Red	55001
Yellow	55002
Green	55003
Blue	55004

Specification	
Bristle type (Bristle diameter (mm))	Hard (0.6)
External dimensions (L × W × H)	190 × 80 × 80
Bristle length (mm)	30
Upper- temperature limit	120°C
Weight	310g
Material	Main body/ Polypropylene Bristle/Polyester



Product code

White	54406
Red	54407
Yellow	54408
Green	54409
Blue	54410

Specification	
Bristle type (Bristle diameter (mm))	Hard (0.6)
External dimensions (L × W × H)	190 × 110 × 130
Bristle length (mm)	40
Upper- temperature limit	120°C
Weight	280g
Material	Main body/ Polypropylene Bristle/Polyester



^{**} The shape is going to be switched to the one for the HP Deck Brush Head 20 cm (see page 26) when the current supply runs out.

HP 30cm-Wide Deck Brush Head

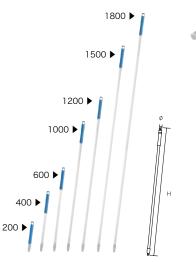


HP Aluminum Handle For Deck Brush Heads, Broom Heads, Draining Dryer Heads, and New Bottle Brush Heads





** The HP Aluminum Handle (introduced on page 27) can be attached to these products.

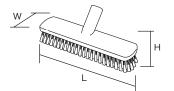






Usage example

Usage example
The HP Aluminum handle can be shared among deck brushes, brooms, draining dryers and bottle brushes. As this handle is interchangeable, it is more economical than the handles integrated with a broom. Our long years of experience are summed up in the easy-to-grasp design and reasonable length which puts less burden on the body.



Product code

54411
54412
54413
54414
54415

Specification					
Bristle type (Bristle diameter (mm))	Hard (0.6mm)				
External dimensions (mm) (L × W × H)	300 × 110 × 130				
Bristle length (mm)	40				
Upper- temperature limit	120°C				
Weight	390g				
Material	Main body/				
	Polypropylene				
	Bristle/Polyester				

Product code

For floor cleaning

Size (mm)	1800	1500	1200	1000	600	400	200
White	55006	55011	55020	54096	54101	54106	54111
Red	55007	55012	55021	54097	54102	54107	54112
Yellow	55008	55013	55022	54098	54103	54108	54113
Green	55009	55014	55023	54099	54104	54109	54114
Rlue	55010	55015	55024	54100	54105	54110	54115

Specification

Size (mm)	1800	1500	1200	1000	600	400	200
External dimensions (mm) (\$\phi\$ xH)	31 × 1870	31 × 1570	31 × 1270	31 × 1080	31 × 670	31 × 475	31 × 255
Upper- temperature limit	100°C						
Weight	430g	380g	320g	280g	200g	150g	100g
Material	Handle/Aluminum Screw/POM Grip/Polypropylene						

** These handles are not interchangeable with Universal Brooms, Italian Brooms, One-Handed Brooms, Mops, and Twin Wooden Floor Wipers.
 ** The specifications of this product are subject to minor changes.

HP Grip for aluminum



HP Pin for aluminum







Product code

54446
54447
54448
54449
54450

Specification

-F		
External dimensions (mm) (\$\phi\$ \times H)	31 × 190	
Upper- temperature limit	120°C	
Weight	45g	
Material	Polypropylene	







Product code

White	54451
Red	54452
Yellow	54453
Green	54454
Blue	54455

External dimensions (mm) (L × W × H)	30 × 30 × 10
Upper- temperature limit	120°C
Weight	1g
Material	Polypropylene

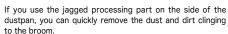
[※] HP Grip for aluminum and HP Ring for aluminum cannot be attached to the older HP Aluminum handle. Please understand the above before ordering.

HP Dustpan (without a rubber part on the edge) ○ ● ● ● ●

For floor cleaning

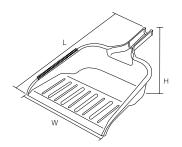
HP Dustpan (with a rubber part on the edge) ○●●●











Product code 55241 White 55242 Yellow 55243 55244 55245

Specification	
External dimensions (mm) (L × W × H)	380 × 270 × 115
Upper- temperature limit	120°C
Weight	205g
Material	Main body/ Polypropylene Rubber part on the edge/Elastomer

Product code	
White	55246
Red	55247
Yellow	55248
Green	55249
Dive	55050

Specification	
External dimensions (mm) (L × W × H)	380 × 270 × 115
Upper- temperature limit	120°C
Weight	210g
Material	Main body/ Polypropylene Rubber part on the edge/Elastomer

 \divideontimes HP Upright Dustpans (with and without a rubber part on the edge) were discontinued.

HP Duet Dustpan duet



HP Colored Bucket











Product code White 55176 55177 55178 55179

Blue	55180
Specification	
External dimensions (mm) (L × W × H)	240 × 195 × 720
Upper- temperature limit	120°C
Weight	375g
Material	Main body/ Polypropylene Handle/Aluminum Rubber part on the edge/Elastomer



Product code	
Red	55852
Yellow	55853
Green	55854
Blue	55855

Specification	
Content	8.0
External dimensions (mm) (L × D × H)	300 × 295 × 230
Upper- temperature limit	120°C
Weight	400g
Material	Main body/ Polypropylene

HP Colored Mop



HP Spare Colored Mop

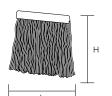






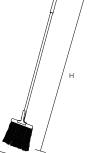
Product code

1 Todact code	
Red	54172
Green	54174
Blue	54175



Product code

Red	54177
Green	54179
Blue	54180



Specification

230 × 1400
760g
Head/Polypropylene Thread/Cotton, (Rayon and polyester) Handle/Iron + Aluminum Grip/Polypropylene

Specification

External dimensions (mm) (L × H)	230 × 245
Weight	290g
Material	Head/Polypropylene Thread/Cotton, (Rayon and polyester)

% For the new type of grip, HP Aluminum Grip/Pin (see page 11) can be attached.

HP Twin Wooden Floor Wiper













Product code

Red	54977
Blue	54980

Product code

Red	54307
Blue	54310



External dimensions (mm) (L × H)	260 × 800
Weight	285g
Material	Head/ABS, PE, POM and Silicone Grip/PE



External dimensions (mm) (L × H)	260 × 800
Weight	285g
Material	Head/ABS, PE, POM and Silicone Grip/PE Handle/Aluminum

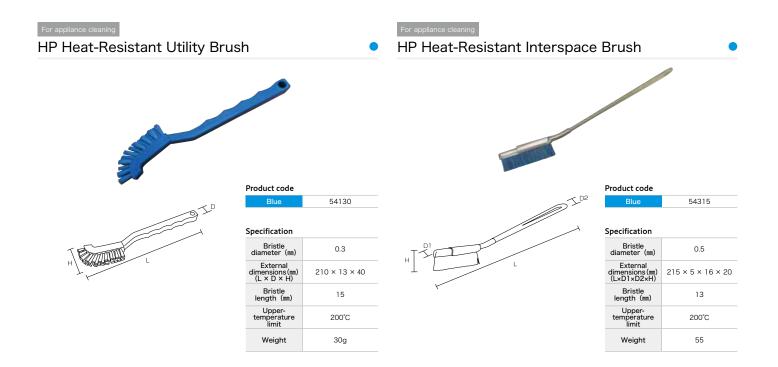


Specification
Bristle diameter (mm)

Specification	
Bristle diameter (mm)	0.6
External dimensions (mm) (L × D × H)	150 × 20 × 540
Bristle length (mm)	40
Upper- temperature limit	120°C
Weight	190g
Material	Head/Polypropylene Bristle/Polyester Handle/Aluminum Grip/Polyethylene

Heat-Resistant-series

Bristles made of a material which can resist up to 200°C are used



MUMN

■ Brush replacement guideline ~ Have you been using such brushes for a long time ?~

[Guideline for when to replace a brush]

- When the bristles are worn or deteriorated, causing fraying, spreading, and/ or splitting at the tips, and the length of the bristles becomes uneven.
- When the bristles get caught on something during brush use and break off.
- When damage or deformation, such as cracking or chipping, occurs on the brush or handle while the brush hits something or an excessive load is applied to it during use.
- When the colors of the bristles or the body of the brush fade and become different from the original color.

In addition to the above, conditions like those shown in the diagram on the right can also be **major causes** of **foreign material contamination**. Please replace the brush as soon as possible when the above conditions are found.

The following conditions may also be **major causes** of **foreign material contamination**. Please replace the brush as soon as possible.

When the body has scratches.

Dirt and bacteria can easily adhere to the scratched surface.

When the bristle ends pop out



Bristles may fall out easily. Continued use in such a condition increases the risk of foreign material contamination.

When the body has scratches.



Damaged parts may easily be mixed in as foreign materials. Dirt and bacteria can easily adhere to the scratches. Please replace the brush!

When the bristle ends pop out



The tips of the bristles are worn, and the length of the bristles is uneven.

Bending and breakage are more likely to occur.

Scrubbing brush

Before use

Deformed state



Cleaning capability has been reduced because of deterioration.

Bristles falling out





Bristles are more likely to fall out and may contaminate products as foreign matter.

ייש



Deformation reduces cleaning power and makes the bristles fall out more easily. If you see deformation or bristles pop out, replace the brush immediately!

Squeeze rubber



The rubber is worn and easily torn off. Such rubber has reduced squeezing capability, and torn pieces of rubber may contaminate the product.

- **X Periodic replacement is recommended!**
- ** Brush replacement intervals vary depending on the usage conditions, frequency, environment, and detergents used with the brush.

We recommend that you review the above information and set your own replacement schedule.

Custom ordering is made possible because of domestic production.

We ensure thorough quality control by procuring all parts within Japan and conducting all production processes inside Japan. We are also ready to respond immediately to requests for custom-made products.

I want to adjust the filament length to suit a specific use.



We can adjust the length of filaments for HP brushes and brooms.





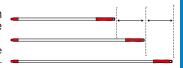


I want to adjust the length of the HP aluminum handle to fit my height.



We can adjust the length of the HP aluminum handle to your desired length.

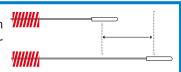
The maximum length of the aluminum handle is 1800 mm.



I need a pipe cleaner that fits the depth of a pipe.



We can adjust the length of the HP pipe cleaner to your desired length.



Q.

I want to make pipe cleaner tips for different uses.



Two types of HP pipe cleaner tips are available for ordering.



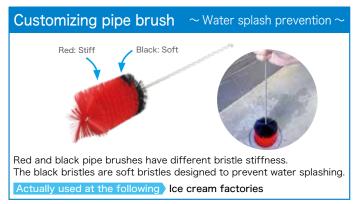
** The minimum lot size for the special orders of the pipe cleaner is ten. ** Please note that it may take some time to create special-order products.

** We also welcome other types of orders and consultations. So please feel free to contact us. ** A separate quotation will be created for special-order products.

Soft pipe brush with head bundle The tip shape change is also available! Bristle thickness (wire diameter) can be changed from 0.2 to 0.15 mm. This is a soft brush with finer bristles than the standard type.

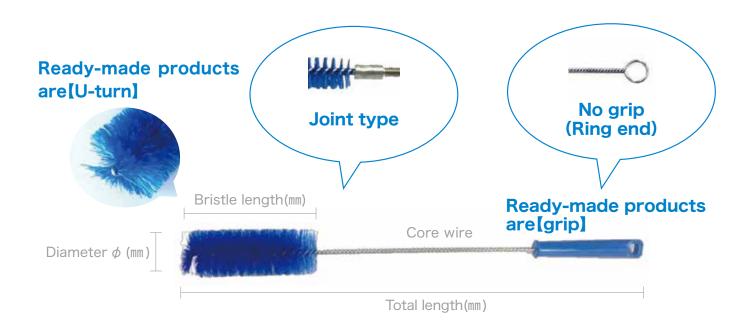


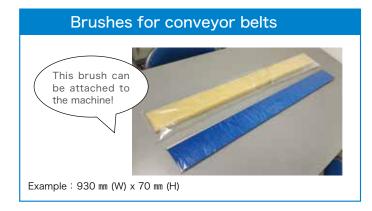




Customization is available to meet your demands!

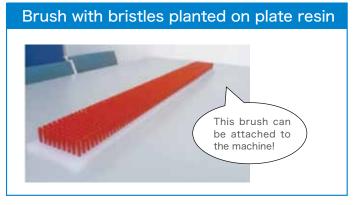
- Bristle length (mm)
- Bristle thickness (stiffness) [0.2, 0.4, 0.6 mm]
- Brush color (white, red, yellow, green, blue)
- Use of special bristle materials [magnetic bristle, heat-resistant bristle, ultra-thick bristle]











- * The minimum lot size for the special-order product is ten. * Please contact us if you want less than ten brushes.
- Please note that it may take some time to create special-order products.
- We also welcome other types of orders and consultations. So please feel free to contact us.
- * A separate quotation will be created for special-order products.



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