

# The Hygiene Cleaning System



## Product Catalogue

Catálogo de productos / produktkatalog



Outside thread / Rosca externa / Udvendig gevind



## Safety matters

to ensure your production at a high level

FBK have been manufacturing cleaning equipment since 1887. We are renowned globally for quality products that are focused on the food and beverage industries. Specializing to meet high standards in hygiene has enabled us to understand the need for our cleaning tools to be both effective and durable.

All our products are made in Denmark, have achieved maximum certification and meet all standard international requirements. Our design team are always ready to develop the right tools to achieve the best results for maximum hygiene and in support of efficient production and operator safety.

As a result we are recognized for innovative, ergonomic designs which complement quality, durability and operational efficiencies. To support our claim to have worldwide recognition, 95% of FBK's production is exported and sold through established professional distributors, who in turn support our commitment with their industry know-how in their own country.

FBK fabrica productos de limpieza desde 1887. Hoy en día, FBK está especializada y es mundialmente conocida en productos de limpieza higiénicos de alta calidad para las industrias de alimentos y bebidas, donde se requiere altos estándares de limpieza e higiene.

Para nosotros, se trata de desarrollar la herramienta adecuada para la limpieza higiénica que asegure su producción a un alto nivel y se adapte a quienes necesitan trabajar con ella. Tanto las industrias y los empleados necesitan los recursos adecuados. Todos nuestros productos se fabrican en Dinamarca y han obtenido las máximas certificaciones y cumplen con todos los requisitos internacionales estándar.

Nuestros productos son conocidos por su diseño único, innovador y ergonómico, que hacen que logren habilidades perfectas en términos de calidad, durabilidad, facilidad de uso y eficiencia. El 95% de los productos de FBK son exportados, vendidos y comercializados por nuestros distribuidores profesionales alrededor del mundo que tienen un gran conocimiento y experiencia en el país de operación.

FBK har fremstillet rengøringsudstyr siden 1887. Vi er kendt globalt for kvalitetsprodukter, der er fokuseret på fødevarer og bryggeri industrien. Med speciale i at opfylde høje standarder inden for hygiejne har vi gjort det muligt for os at forstå behovet for, at vores rengøringsværktøjer er både effektive og holdbare.

Alle vores produkter er fremstillet i Danmark, har opnået maksimal certificering og opfylder alle internationale standardkrav. Vores designteam er altid klar til at udvikle de rigtige værktøjer til at opnå de bedste resultater for maksimal hygiejne og til støtte for effektiv produktion og operatør sikkerhed.

Som et resultat er vi anerkendt for innovative, ergonomiske design, der supplerer kvalitet, holdbarhed og driftseffektivitet. For at understøtte vores krav om verdensomspændende anerkendelse eksporteres og sælges 95 % af FBK's produktion gennem etablerede professionelle distributører, som igen støtter vores engagement i deres branchekendskab i deres eget land.





# Organize your business with a colour-coded system

With this colour system, food safety has never been so straightforward

At FBK our equipment and tools come with an EU Declaration of Compliance for food contact, appropriate documentation and technical specifications. Furthermore all raw materials are FDA approved.

Our equipment guarantees, that you have the best possible conditions to improve your food safety and maximize your control over cross contamination.

We provide a large colour range for our food handling tools, cleaning equipment and storage solutions - and with this range of colours you are ready to develop your unique system to accommodate all production. Your new system will ensure you are better prepared to meet GFSI/IFS/BRC/FSSC22000 standards and you have good food safety standards.



For more detailed information - [www.fbk.dk](http://www.fbk.dk)

## Organice su empresa con el sistema de código de colores

**Con este sistema de color, la seguridad alimentaria nunca ha sido más sencilla.**

En FBK, nuestros equipos y herramientas vienen con una Declaración de Cumplimiento de la UE para el contacto con alimentos, documentación y especificaciones técnicas adecuadas. Además, todos los materiales están aprobados por la FDA.

Nuestro equipo garantiza que tiene las mejores condiciones posibles para mejorar su seguridad alimentaria y maximizar su control sobre la contaminación cruzada.

Ofrecemos una amplia gama de colores para nuestras herramientas de manipulación de alimentos, equipos de limpieza y soluciones de almacenamiento, y con este sistema de codificación por color, está listo para desarrollar su propio sistema personal que se adapte a su producción. Su nuevo sistema garantizará que esté mejor preparado para cumplir con los estándares GFSI / IFS / BRC / FSSC22000 y que tenga buenos estándares de seguridad alimentaria.

## Organiser din virksomhed med et farvekodet system

**Med dette farvesystem har fødevarer sikkerhed aldrig været så ligetil.**

Hos FBK leveres vores udstyr og værktøjer med en EU-erklæring om overholdelse af fødevarekontakt, relevant dokumentation og tekniske specifikationer. Desuden er alle materialer FDA-godkendte.

Vores udstyr garanterer, at du har de bedst mulige betingelser for at forbedre din fødevarer sikkerhed og maksimere din kontrol over krydskontaminering.

Vi leverer et stort farvesortiment til vores værktøjer til håndtering af fødevarer, rengøringsudstyr, og med dette udvalg af farver er du klar til at udvikle dit unikke system, der passer til al produktion. Dit nye system vil sikre, at du er bedre forberedt på at opfylde GFSI/ IFS/BRC/FSSC22000-standarder, og at du har gode standarder for fødevarer sikkerhed.



## Global Goals / Objetivos Globales / Globale mål

Global goals are important to us at FBK and we take them very seriously. We carefully consider what is needed to facilitate sustainable and recyclable objectives at every point in our daily production process.

Los objetivos globales son importantes y en FBK nos los tomamos en serio. En nuestra mentalidad, pensamos en todo lo que hace posible implementar oportunidades sostenibles, de reciclaje y operativas en nuestras operaciones y trabajo cotidianos.

Globale mål er vigtige for os hos FBK, og vi tager dem meget alvorligt. Vi overvejer nøje, hvad der er nødvendigt for at fremme bæredygtige og genanvendelige mål på alle niveauer i vores daglige produktionsproces.

# The Hygiene Cleaning System!

## **Extrusions for all brush bodies, shovels, buckets etc.**

FBK manufactures from colour coded virgin polypropylene injected under very high pressure to produce solid, strong mouldings. This production technique sets FBK products apart from foamed injection methods.

## **Brush filaments**

The majority of brushware is filled using polyester. PBT filaments of various lengths and thicknesses to suit the application. This material is extremely suitable for autoclaving to  $+120^{\circ}\text{C}$  /  $+248^{\circ}\text{F}$ , does not absorb water, and is therefore ideal in retaining bristle stiffness and bend recovery. It wears longer and withstands destruction from a wide range of caustic cleaning chemicals. Filament retention is important to FBK and the combination of precision drilled high density brush blocks and insertion of stainless steel retaining clips achieves this objective whilst allowing for the penetration of anti-bacterial agents to reach deep into the bristle clumps.



## **Inyección para todos los cuerpos de los cepillos, palas, cubetas, etc.**

FBK fabrica sus productos con polipropileno virgen coloreado inyectado a muy alta presión para producir piezas sólidas y muy resistentes. Esta técnica de producción coloca a los productos de FBK por encima de los métodos estándar de inyección que facilitan el rompimiento de los cepillos al generarse burbujas al interior.

## **Cerdas de los cepillos**

La mayoría de los cepillos se fabrica con cerdas de poliéster PBT de diferentes longitudes y grosores para adaptarse a diversas aplicaciones. Este material es extremadamente conveniente para soportar temperaturas de desinfección ( $+120^{\circ}\text{C}$  /  $+248^{\circ}\text{F}$ ), no absorbe agua, por lo tanto es ideal en la conservación de la rigidez y la recuperación del doblado de las cerdas. Dura más tiempo y resiste la acción corrosiva de químicos de limpieza tanto ácidos como alcalinos. Evitar la pérdida de cerdas es una tarea primordial para FBK. La combinación del perforado de precisión de cada uno de los bloques junto con la inserción de grapas de acero inoxidable logra este objetivo y al mismo tiempo permite la penetración de agentes antibacterianos para alcanzar hasta lo más profundo de los cúmulos de cerdas.

## **Generelt for alle børster, skovle, spande mm.**

Børstekroppene produceres i fuldstøbt jomfrueligt polypropylene, der sprøjtestøbes i rustfri stålforme under meget højt tryk, hvilket resulterer i en fuldstøbt kompakt børstekrop med en glat smudsafvisende overflade. Produktionsteknikken adskiller sig fra den traditionelle produktionsmetode hvor børstekroppe støbes i aluminiums forme under mindre tryk, som resulterer i opskummet børstekroppe som er fyldt med indvendige lufthuller og ru overflade.

## **Børste filamenter**

I langt hovedparten af vores produkter, bruges Polyester PBT filamenter af forskellige længder og tykkelser. Polyester PBT er varmebestandigt til  $+120^{\circ}\text{C}$  /  $+248^{\circ}\text{F}$ , tåler autoklavering, absorberer ikke vand og har derfor samme stivhed i våd som tør tilstand, desuden har den en rigtig god genopretningssevne. Filamenterne holder længere end traditionelle filamenter, og tåler en meget bred vifte af rengøringskemikalier m.m. Kvaliteten af filamenterne er naturligvis vigtig for os, og i kombinationen af præcis boring, nøjagtig isætning af filamenterne som fastholdes af rustfri stål krampes, resulterer det i en ekstrem holdbarhed og modvirker at filamenterne falder ud af børstekroppen.



## Colour code

Código de color / Farvekoder



- 1 XXXXX-1 = White / Blanco / Hvid
- 2 XXXXX-2 = Blue / Azul / Blå
- 3 XXXXX-3 = Red / Rojo / Rød
- 4 XXXXX-4 = Yellow / Amarillo / Gul
- 5 XXXXX-5 = Green / Verde / Grøn
- 6 XXXXX-6 = Black / Negro / Sort
- 7 XXXXX-7 = Orange / Naranja / Orange
- 8 XXXXX-8 = Purple / Violeta / Lilla
- 9 XXXXX-9 = Pink / Rosa / Pink
- 11 XXXXX-11 = Grey / Gris / Grå
- 12 XXXXX-12 = Brown / Café / Brun

## Features

Características / Egenskaber

-  Very soft / Muy suave / Meget blød
-  Soft / Suave / Blød
-  Medium / Medio / Medium
-  Stiff / Duro / Stiv
-  Very stiff / Muy duro / Meget stiv
-  Flagged material / Material despuntado  
Spaltet filamenter
-  Waterfed / Paso de agua / Vandgennemløb
-  Filament length / Largo del filamento  
Filamentlængde
-  PHB approved / PHB aprobado / PHB godkendt
-  Sterilisation temperature / Temperatura de esterilización / Sterilisationstemperatur
-  Operating temperatures / Temperatura de operación / Brugstemperatur
-  Flexible / Flexible / Fleksibel
-  Stiff / Duro / Stiv

## Table of contents

|                                                |       |
|------------------------------------------------|-------|
| <b>Hand brushes</b> .....                      | 7-25  |
| Cepillos de mano / Håndbørster                 |       |
| <b>Squeegees</b> .....                         | 26-31 |
| Jaladores / Gulvskrabere                       |       |
| <b>Sweepers, brooms, tank brushes etc.</b> ... | 32-45 |
| Escobas, cepillos y cepillos de tanque         |       |
| Fejekoste, gulvkoste, tank børster             |       |
| <b>Handles</b> .....                           | 46-51 |
| Mangos / Skafter                               |       |
| <b>Hand tools</b> .....                        | 52-65 |
| Herramientas de mano / Håndredskaber           |       |
| <b>Wall hanging system</b> .....               | 66    |
| Organizador de utensilios / Vægssystem         |       |
| <b>Detectable range</b> .....                  | 68-85 |
| Gama detectable / Detekterbar                  |       |
| <b>Resin-set range</b> .....                   | 86-89 |
| Gama de resina / Resin-Set                     |       |
| <b>Waterfeed and washing range</b> .....       | 90-97 |
| Gama con paso de agua / Vandgennemløb          |       |
| <b>Why choose FBK?</b> .....                   | 98    |
| ¿Por qué escoger FBK? / Hvorfor vælge FBK?     |       |
| <b>General information</b> .....               | 99    |
| Información general / General information      |       |

## Declaration of Compliance

Our range of hygiene equipment comply with all requirements to meet BRC Global and IFS standards. For all articles intended for direct food contact the Declaration of Compliance (DoC) and specific details can be downloaded at [www.fbk.dk](http://www.fbk.dk)

Nuestra gama de cepillos higiénicos cumple con todos los requerimientos de acuerdo a los estándares de BRC Global y IFS. Para todos los artículos que pueden utilizarse en contacto directo con alimentos, podrán descargar la declaración de conformidad (DC) en [www.fbk.dk](http://www.fbk.dk)

Vores sortiment af Hygiene produkter opfylder standarderne BRC Global og IFS. Declaration of Compliance (DoC) kan downloades på [www.fbk.dk](http://www.fbk.dk) under hvert produkt hvor det er et krav.



# Bannister and churn brushes



**Scrubbing or washing**  
– the FBK churn brush  
will handle it!

Detectable range  
bannister and  
churn brushes  
**See page 81**



Resin-Set  
bannister and  
churn brushes  
**See page 87**



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**10256-**

**Combination filaments with stiff filament in front**  
 Combinación de cerdas con filamentos duros al frente  
 Kombination filamenter med stive filamenter foran

**10256**

5 different stiffness for optimal flexibility.  
 5 diferentes durezas para una óptima flexibilidad.  
 5 forskellige stivheder sikre optimal fleksibilitet.



## Bannister brushes / Cepillos Panaderos / Håndkoste

| ITEM nr. | SIZE (mm) | DETAILS                 | PACK | C°       | ↓  | FEATURES | COLOURS                 |
|----------|-----------|-------------------------|------|----------|----|----------|-------------------------|
| 10254-   | 340 x 35  | Polyester PBT 0.20      | 10   | 80° 134° | 50 |          | 1 2 3 4 5               |
| 10253-   | 340 x 35  | Polyester PBT 0.30      | 10   | 80° 134° | 45 |          | 1 2 3 4 5               |
| 10252-   | 340 x 35  | Polyester PBT 0.30      | 10   | 80° 134° | 50 |          | 1 2 3 4 5 6 7 8 9 11 12 |
| 10255-   | 340 x 35  | Polyester PBT 0.50      | 10   | 80° 134° | 50 |          | 1 2 3 4 5 6 7 8 11 12   |
| 10256-   | 340 x 35  | Polyester PBT 0.20/0.50 | 10   | 80° 134° | 50 |          | 1 2 3 4 5 6 7 8 11      |

Soft / Suave / Blød

Very soft / Muy suave / Meget blød

Medium / Medio / Medium

Stiff / Duro / Stiv

Operating temp. / Temperatura de operación / Brugstemp.

Sterilisation temp. / Temperatura de esterilización / Sterilisationstemp.

Flagged material / Material despuntado / Spaltet filamenter

PHB approved / PHB aprobado / PHB godkendt

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**10549-**

**Extended nose filaments**  
 Cerdas mas largas en la punta  
 Længere front filamenter

**10548**

Extended nose filaments, for easier cleaning of corners.  
 Cerdas alargadas en la punta, para limpieza de esquinas.  
 Længere front filamenter, for nemmere rengøring af indvendige hjørner.



## Churn brushes / Cepillos de mano con mango / Spandebørster, alm.

| ITEM nr. | SIZE (mm) | DETAILS            | PACK | C°       | ↓     | FEATURES | COLOURS                 |
|----------|-----------|--------------------|------|----------|-------|----------|-------------------------|
| 10547-   | 275 x 70  | Polyester PBT 0.30 | 6    | 80° 134° | 45    |          | 1 2 3 4 5               |
| 10546-   | 275 x 70  | Polyester PBT 0.30 | 6    | 80° 134° | 35    |          | 1 2 3 4 5 6 7 8         |
| 10548-   | 275 x 70  | Polyester PBT 0.50 | 6    | 80° 134° | 35    |          | 1 2 3 4 5 6 7 8 9 11 12 |
| 10549-   | 275 x 70  | Polyester PBT 0.50 | 6    | 80° 134° | 35/50 |          | 1 2 3 4 5               |

Soft / Suave / Blød

Stiff / Duro / Stiv

Operating temp. / Temperatura de operación / Brugstemp.

Sterilisation temp. / Temperatura de esterilización / Sterilisationstemp.

Flagged material / Material despuntado / Spaltet filamenter

PHB approved / PHB aprobado / PHB godkendt

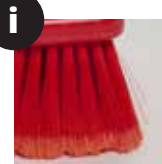


# Utility brushes

Detectable range  
utility brushes  
See page 81



Resin-Set  
utility brushes  
See page 87



**10202-**  
**Extra soft filaments**  
Cerdas extra suaves  
Ekstra bløde filamenter

Suitable for vulnerable surfaces.  
Adecuado para superficies delicadas.  
Velegnet til sårbare overflader.

10202



## Utility brushes / Cepillos multiusos pequeños / Afsæbningsbørster

| ITEM nr. | SIZE (mm) | DETAILS            | PACK | C°       | ↓  | FEATURES | COLOURS   |
|----------|-----------|--------------------|------|----------|----|----------|-----------|
| 10202-   | 270 x 47  | Polyester PBT 0.30 | (12) | 80° 134° | 30 |          | 1 2 3 4 5 |
| 10201-   | 270 x 47  | Polyester PBT 0.30 | (12) | 80° 134° | 30 |          | 1 2 3 4 5 |
| 10203-   | 270 x 47  | Polyester PBT 0.50 | (12) | 80° 134° | 30 |          | 1 2 3 4 5 |

Soft / Suave / Blød   
 Medium / Medio / Medium   
 Stiff / Duro / Stiv   
 Operating temp. / Temperatura de operación / Brugstemp.   
 Sterilisation temp. / Temperatura de esterilización / Sterilisationtemp.   
 PHB approved / PHB aprobado / PHB godkendt

Flagged material / Material despuntado / Spaltet filamenter



**10215-**  
**Long handgrip**  
Mango largo  
Langt skaft

Long hand grip to reach difficult areas.  
Mango largo para alcanzar áreas difíciles.  
Langt skaft til nå besværlige områder.



10213

## Long utility brushes / Cepillos multiusos, mango largo / Spandebørster, lang

| ITEM nr. | SIZE (mm) | DETAILS            | PACK | C°       | ↓  | FEATURES | COLOURS               |
|----------|-----------|--------------------|------|----------|----|----------|-----------------------|
| 10214-   | 410 x 45  | Polyester PBT 0.30 | 6    | 80° 134° | 45 |          | 1 2 3 4 5             |
| 10213-   | 410 x 45  | Polyester PBT 0.30 | 6    | 80° 134° | 40 |          | 1 2 3 4 5 7 8         |
| 10215-   | 410 x 45  | Polyester PBT 0.50 | 6    | 80° 134° | 40 |          | 1 2 3 4 5 7 8 9 11 12 |

Soft / Suave / Blød   
 Medium / Medio / Medium   
 Stiff / Duro / Stiv   
 Operating temp. / Temperatura de operación / Brugstemp.

134° Sterilisation temp. / Temperatura de esterilización / Sterilisationtemp.   
 Flagged material / Material despuntado / Spaltet filamenter

PHB approved / PHB aprobado / PHB godkendt



**10234-**  
**Combination filaments with stiff filament in front**  
Cerdas suaves combinadas con cerdas duras al frente  
Kombination filamenter med stive filamenter foran



10234

## Long wide utility brushes Cepillos multiusos anchos con mango largo / Bred spandebørster m/langt skaft

| ITEM nr. | SIZE (mm) | DETAILS               | PACK | C°       | ↓  | FEATURES | COLOURS   |
|----------|-----------|-----------------------|------|----------|----|----------|-----------|
| 10231-   | 410 x 55  | Polyester PBT 0.30    | 10   | 80° 134° | 50 |          | 1 2 3     |
| 10232-   | 410 x 55  | Polyester PBT 0.30    | 10   | 80° 134° | 50 |          | 1 2 3 4 5 |
| 10233-   | 410 x 55  | Polyester PBT 0.50    | 10   | 80° 134° | 50 |          | 1 2 3 4 5 |
| 10234-   | 410 x 55  | Polyester PBT 0.20/50 | 10   | 80° 134° | 50 |          | 1 2 3 4 5 |

Soft / Suave / Blød   
 Medium / Medio / Medium   
 Stiff / Duro / Stiv   
 Operating temp. / Temperatura de operación / Brugstemp.

134° Sterilisation temp. / Temperatura de esterilización / Sterilisationtemp.   
 Flagged material / Material despuntado / Spaltet filamenter

PHB approved / PHB aprobado / PHB godkendt

# Dish, nail and round brushes



**Round hand scrub brushes**  
Cepillos de mano redondos / Runde skurebørster

| ITEM nr. | SIZE (mm) | DETAILS            | PACK | C°       | ↓  | FEATURES                                                                                                                                                                | COLOURS   |
|----------|-----------|--------------------|------|----------|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| 54134-   | ø 125     | Polyester PBT 0.30 | 6    | 80° 134° | 40 |   | 1 2 3 4 5 |
| 54154-   | ø 125     | Polyester PBT 0.50 | 6    | 80° 134° | 40 |   | 1 2 3 4 5 |

 Medium / Medio / Medium    
  Stiff / Duro / Stiv    
  Operating temp. / Temperatura de operación / Brugstemp.

 Sterilisation temp. / Temperatura de esterilización / Sterilisationstemp.    
  PHB approved / PHB aprobado / PHB godkendt





**10463-**  
**Scraping edge**  
Borde raspador  
Skrabekant

With a smart scraping edge.  
Con un borde raspado eficiente.  
Med smart skrabekant.



## Dish washing brushes Cepillos limpia platos / Opvaskebørster

| ITEM nr. | SIZE (mm) | DETAILS            | PACK | C°       | ↑  | FEATURES | COLOURS       |
|----------|-----------|--------------------|------|----------|----|----------|---------------|
| 10462-   | 255 x 28  | Polyester PBT 0.30 | 12   | 80° 134° | 25 |          | 2             |
| 10463-   | 255 x 28  | Polyester PBT 0.30 | 12   | 80° 134° | 25 |          | 1 2 3 4 5 7 9 |
| 10467-   | 225 x 35  | Polyester PBT 0.30 | 6    | 80° 134° | 25 |          | 2             |
| 10466-   | 225 x 35  | Polyester PBT 0.30 | 6    | 80° 134° | 25 |          | 1 2 3 4 5     |

Soft / Suave / Blød Medium / Medio / Medium Operating temp. / Temperatura de operación / Brugstemp.  
 Sterilisation temp. / Temperatura de esterilización / Sterilisationtemp. PHB approved / PHB aprobado / PHB godkendt  
 Flagged material / Material despuntado / Spaltet filamenter



**55060-**  
**Ergonomic nail brush**  
Cepillo de uñas ergonómico  
Ergonomisk neglebørste

Easy to handle.  
Fácil de manejar.  
Nem at håndtere.



## Nail brush / Cepillo de uñas / Neglebørste

| ITEM nr. | SIZE (mm) | DETAILS            | PACK | C°       | ↑  | FEATURES | COLOURS               |
|----------|-----------|--------------------|------|----------|----|----------|-----------------------|
| 55060-   | 125 x 55  | Polyester PBT 0.30 | 12   | 80° 134° | 15 |          | 1 2 3 4 5 6 7 8 11 12 |
| 55061-   | 125 x 55  | Polyester PBT 0.50 | 12   | 80° 134° | 15 |          | 1 2 3 4 5 6 7 8 11 12 |

Medium / Medio / Medium Stiff / Duro / Stiv Operating temp. / Temperatura de operación / Brugstemp.  
 Sterilisation temp. / Temperatura de esterilización / Sterilisationtemp. PHB approved / PHB aprobado / PHB godkendt

# Hand scrub brushes



## Hand scrub brushes / Cepillos de mano / Skurebørster

| ITEM nr. | SIZE (mm) | DETAILS            | PACK | C°       | ↓     | FEATURES | COLOURS   |
|----------|-----------|--------------------|------|----------|-------|----------|-----------|
| 15064-   | 210 x 70  | Polyester PBT 0.30 | 12   | 80° 134° | 35    |          | 1 2 3 4 5 |
| 15063-   | 210 x 70  | Polyester PBT 0.50 | 12   | 80° 134° | 35    |          | 1 2 3 4 5 |
| 15065-   | 210 x 70  | Polyester PBT 0.50 | 12   | 80° 134° | 30/40 |          | 1 2 3 4 5 |
| 54153-   | 210 x 65  | Polyester PBT 0.50 | 12   | 80° 134° | 30    |          | 1 2 3 4 5 |

Medium / Medio / Medium   Stiff / Duro / Stiv   Operating temp. / Temperatura de operación / Brugstemp.

Sterilisation temp. / Temperatura de esterilización / Sterilisationstemp.   PHB approved / PHB aprobado / PHB godkendt



**54454-**  
**Functional hand grip**  
Asa funcional  
Funktionel håndtag

Hand grip for positive control.  
Avoids hand/filament contact.  
Asa para una mejor sujeción. Evita el  
contacto mano/filamento.  
Håndtag for bedre kontrol. Ingen  
hånd/filament berøring.



## Hand scrub brushes with hand grip Cepillos de mano tipo plancha / Skurebørster med håndtag

| ITEM nr. | SIZE (mm) | DETAILS            | PACK | C°       | ↑    | FEATURES | COLOURS               |
|----------|-----------|--------------------|------|----------|------|----------|-----------------------|
| 54434-   | 200 x 65  | Polyester PBT 0.30 | (12) | 80° 134° | (40) |          | 1 2 3 4 5 6           |
| 54454-   | 200 x 65  | Polyester PBT 0.50 | (12) | 80° 134° | (40) |          | 1 2 3 4 5 6 7 8 11 12 |

Medium / Medio / Medium   
 Stiff / Duro / Stiv   
 Operating temp. / Temperatura de operación / Brugstemp.  
 Sterilisation temp. / Temperatura de esterilización / Sterilisationtemp.   
 PHB approved / PHB aprobado / PHB godkendt



**54234-**  
**Ergonomic hand brushes**  
Cepillos de mano ergonómicos  
Ergonomiske håndbørster

Easy to handle.  
Fáciles de manejar.  
Nem at håndtere.



## Ergonomic hand brushes Cepillos de mano ergonómicos / Ergonomiske håndbørster

| ITEM nr. | SIZE (mm) | DETAILS            | PACK | C°       | ↑    | FEATURES | COLOURS               |
|----------|-----------|--------------------|------|----------|------|----------|-----------------------|
| 54034-   | 125 x 55  | Polyester PBT 0.30 | (16) | 80° 134° | (26) |          | 1 2 3 4 5 6 7 8 11 12 |
| 54054-   | 125 x 55  | Polyester PBT 0.50 | (16) | 80° 134° | (26) |          | 1 2 3 4 5 6 7 8 11 12 |
| 54234-   | 180 x 60  | Polyester PBT 0.30 | (10) | 80° 134° | (35) |          | 1 2 3 4 5 6 7 8       |
| 54254-   | 180 x 60  | Polyester PBT 0.50 | (10) | 80° 134° | (35) |          | 1 2 3 4 5 6 7 8 11 12 |
| 54354-   | 205 x 70  | Polyester PBT 0.50 | (10) | 80° 134° | (35) |          | 1 2 3 4 5             |

Medium / Medio / Medium   
 Stiff / Duro / Stiv   
 Operating temp. / Temperatura de operación / Brugstemp.  
 Sterilisation temp. / Temperatura de esterilización / Sterilisationtemp.   
 PHB approved / PHB aprobado / PHB godkendt



# Brushes for the baking industry



Very thin filaments,  
for removing dry,  
fine powder/dust  
like flour!

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**81125-**  
**Thin and soft bristles**  
Cerdas delgadas y suaves  
Tynde og bløde børster

Perfect for applying eg. marinade,  
egg and icing etc.  
Perfectas para aplicar, por ejemplo,  
huevo, betún y marinados.  
Perfekt til f.eks. marinade, æg og  
glasur osv.



## Glazing brushes / Brochas / Bagerpensler

| ITEM nr. | SIZE (mm) | DETAILS            | PACK | C°       | ↑  | FEATURES                                                                                                                                                                | COLOURS |
|----------|-----------|--------------------|------|----------|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| 80125-   | 30        | Polyester PBT 0.15 | 12   | 80° 134° | 50 |   | 1 2 3   |
| 81125-   | 50        | Polyester PBT 0.15 | 12   | 80° 134° | 50 |   | 1 2 3   |
| 82125-   | 70        | Polyester PBT 0.15 | 12   | 80° 134° | 50 |   | 1 2 3   |

 Soft / Suave / Blød  Operating temp. / Temperatura de operación / Brugstemp.

 134° Sterilisation temp. / Temperatura de esterilización / Sterilisationstemp.  PHB approved / PHB aprobado / PHB godkendt

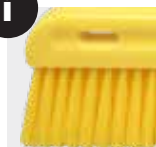
51126



### Bread brush / Cepillo panadero / Brødbørste

| ITEM nr.                                                                          | SIZE (mm)                                                                 | DETAILS            | PACK                                                                              | C°                                                      | ↑  | FEATURES                                                                                                                                                             | COLOURS                                                                                                                                                                                                                                                                                                                                         |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------|--------------------|-----------------------------------------------------------------------------------|---------------------------------------------------------|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 51126-                                                                            | 410 x 55                                                                  | Polyester PBT 0.20 | 10                                                                                | 80° 134°                                                | 60 |   |     |
|  | Very soft / Muy suave / Meget blød                                        |                    |  | Operating temp. / Temperatura de operación / Brugstemp. |    |                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                 |
|  | Sterilisation temp. / Temperatura de esterilización / Sterilisationstemp. |                    |  | PHB approved / PHB aprobado / PHB godkendt              |    |                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                 |

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**52126-**  
Soft filaments  
Cerdas suaves  
Bløde filamenter

Suitable for fine particles.  
Apto para partículas finas.  
Velegnet til fine partikler.

52126



### Flour brush / Cepillo plano para harina / Melbørste

| ITEM nr.                                                                            | SIZE (mm)                                                                 | DETAILS            | PACK                                                                                | C°                                                      | ↑  | FEATURES                                                                                                                                                                 | COLOURS                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------|--------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 52126-                                                                              | 300 x 20                                                                  | Polyester PBT 0.20 | 12                                                                                  | 80° 134°                                                | 60 |   |      |
|  | Very soft / Muy suave / Meget blød                                        |                    |  | Operating temp. / Temperatura de operación / Brugstemp. |    |                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|  | Sterilisation temp. / Temperatura de esterilización / Sterilisationstemp. |                    | PHB approved / PHB aprobado / PHB godkendt                                          |                                                         |    |                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                               |

# Tube cleaners, cutter and small machine brush



**50153-**  
**Designed for safety**  
Diseñado para su seguridad  
Designet til sikkerhed

Perfect for conveyor belts.  
Ideal para cintas transportadoras.  
Perfekt til transportbånd.



**Small machine brush**  
Cepillo angosto para maquinaria / Lille maskinbørste

| ITEM nr. | SIZE (mm) | DETAILS            | PACK | C°       | ‡  | FEATURES | COLOURS           |
|----------|-----------|--------------------|------|----------|----|----------|-------------------|
| 50153-   | 275 x 20  | Polyester PBT 0.50 | 12   | 80° 134° | 30 |          | 1 2 3 4 5         |
| 50150-   | 200 x 12  | Polyester PBT 0.50 | 24   | 80° 134° | 15 |          | 1 2 3 4 5 6 11 12 |

Stiff / Duro / Stiv    Operating temp. / Temperatura de operación / Brugtemp.  
 134° Sterilisation temp. / Temperatura de esterilización / Sterilisationstemp.    PHB approved / PHB aprobado / PHB godkendt



57159



## Tube cleaners

### Cepillos limpia tuberías / Kødhakkebørster

| ITEM nr. | SIZE (mm)       | DETAILS            | PACK | C°       | ‡  | FEATURES | COLOURS     |
|----------|-----------------|--------------------|------|----------|----|----------|-------------|
| 57156-   | ø 63 x 80 x 370 | Polyester PBT 0.30 | 12   | 80° 134° | 17 |          | 1 2 3 4 5   |
| 57159-   | ø 90 x 80 x 370 | Polyester PBT 0.50 | 12   | 80° 134° | 30 |          | 1 2 3 4 5 6 |

Stiff / Duro / Stiv

Operating temp. / Temperatura de operación / Brugstemp.

Sterilisation temp. / Temperatura de esterilización / Sterilisationstemp.

PHB approved / PHB aprobado / PHB godkendt

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**50155-**  
**Cleaning narrow places**  
 Ideal para limpieza de  
 lugares angostos con  
 protector para filos  
 Rengøring af smalle steder

For cleaning narrow cutter machines and narrow gaps.

Para limpieza de máquinas de corte y espacios angostos.

Til rengøring af smalle skære maskiner og snævre huller.



## Cutter brush / Cepillo limpia cuchillas / Knivbørste

| ITEM nr. | SIZE (mm)   | DETAILS                 | PACK | C°       | ‡  | FEATURES | COLOURS         |
|----------|-------------|-------------------------|------|----------|----|----------|-----------------|
| 50155-   | 510 x ø 100 | Polyester PBT 0.50      | 6    | 80° 134° | 45 |          | 1 2 3           |
| 50145-   | 660 x 15    | Polyester PBT 0.50/0.30 | 14   | 80° 134° | 55 |          | 1 2 3 4 5 11 12 |

Medium / Medio / Medium

Stiff / Duro / Stiv

Operating temp. / Temperatura de operación / Brugstemp.

Sterilisation temp. / Temperatura de esterilización / Sterilisationstemp.

PHB approved / PHB aprobado / PHB godkendt

# Tube brushes

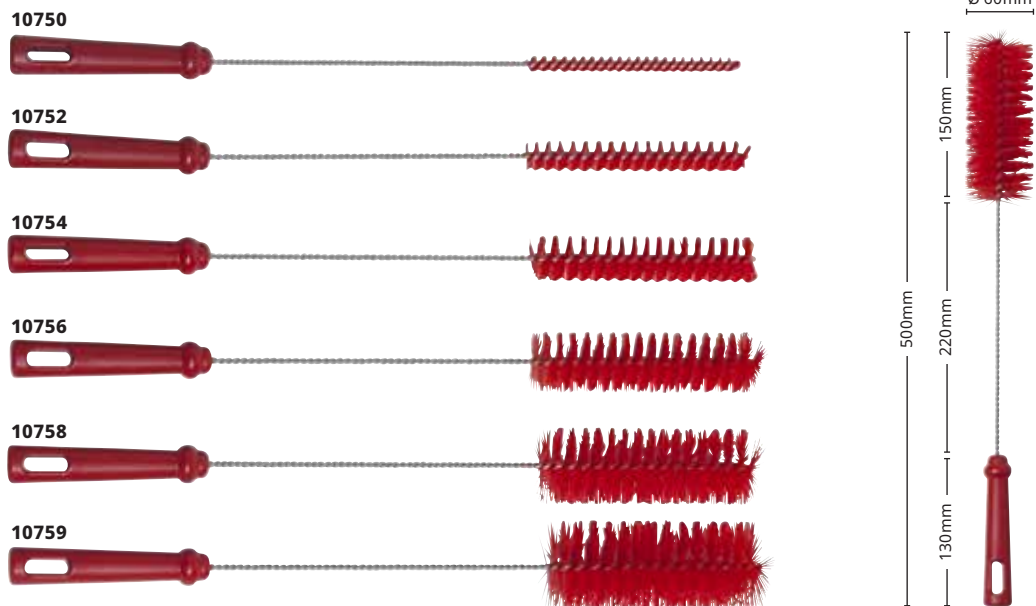


10745



**Drain cleaning brush / Escobillón para tarjas / Overløbsrenser**

| ITEM nr.                                                                                                                                                                                                                                                                                   | SIZE (mm)        | DETAILS            | PACK | C°       | FEATURES                                                                                                                                                                                                                                                    | COLOURS |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|--------------------|------|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| 10745-                                                                                                                                                                                                                                                                                     | ø 15 x 140 x 300 | Polyester PBT 0.20 | 12   | 90° 134° |    | 2       |
|  Medium / Medio / Medium  Operating temp. / Temperatura de operación / Brugstemp.                                      |                  |                    |      |          |                                                                                                                                                                                                                                                             |         |
|  Sterilisation temp. / Temperatura de esterilización / Sterilisationstemp.  PHB approved / PHB aprobado / PHB godkendt |                  |                    |      |          |                                                                                                                                                                                                                                                             |         |



## Tube brushes / Escobillones con punta recta / Rensere, alm

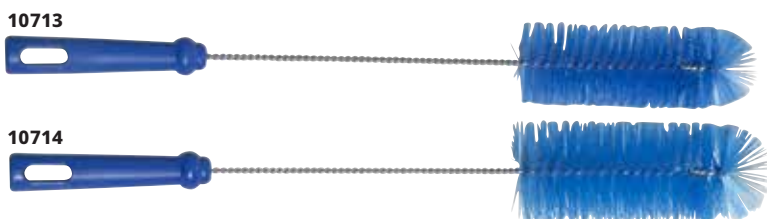
| ITEM nr. | SIZE (mm)        | DETAILS            | PACK | C°       | FEATURES | COLOURS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|------------------|--------------------|------|----------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 10750-   | ø 10 x 150 x 500 | Polyester PBT 0.20 | 12   | 80° 134° |          | 1 <span style="background-color: #007bff; color: white; border-radius: 50%; padding: 0 5px;">2</span> <span style="background-color: #dc3545; color: white; border-radius: 50%; padding: 0 5px;">3</span> <span style="background-color: #ffc107; color: white; border-radius: 50%; padding: 0 5px;">4</span> <span style="background-color: #28a745; color: white; border-radius: 50%; padding: 0 5px;">5</span> <span style="background-color: #6c757d; color: white; border-radius: 50%; padding: 0 5px;">7</span> <span style="background-color: #6f42c1; color: white; border-radius: 50%; padding: 0 5px;">8</span> |
| 10752-   | ø 20 x 150 x 500 | Polyester PBT 0.30 | 12   | 80° 134° |          | 1 <span style="background-color: #007bff; color: white; border-radius: 50%; padding: 0 5px;">2</span> <span style="background-color: #dc3545; color: white; border-radius: 50%; padding: 0 5px;">3</span> <span style="background-color: #ffc107; color: white; border-radius: 50%; padding: 0 5px;">4</span> <span style="background-color: #28a745; color: white; border-radius: 50%; padding: 0 5px;">5</span> <span style="background-color: #6c757d; color: white; border-radius: 50%; padding: 0 5px;">7</span> <span style="background-color: #6f42c1; color: white; border-radius: 50%; padding: 0 5px;">8</span> |
| 10754-   | ø 30x 150 x 500  | Polyester PBT 0.30 | 12   | 80° 134° |          | 1 <span style="background-color: #007bff; color: white; border-radius: 50%; padding: 0 5px;">2</span> <span style="background-color: #dc3545; color: white; border-radius: 50%; padding: 0 5px;">3</span> <span style="background-color: #ffc107; color: white; border-radius: 50%; padding: 0 5px;">4</span> <span style="background-color: #28a745; color: white; border-radius: 50%; padding: 0 5px;">5</span> <span style="background-color: #6c757d; color: white; border-radius: 50%; padding: 0 5px;">7</span> <span style="background-color: #6f42c1; color: white; border-radius: 50%; padding: 0 5px;">8</span> |
| 10756-   | ø 40 x 150 x 500 | Polyester PBT 0.30 | 12   | 80° 134° |          | 1 <span style="background-color: #007bff; color: white; border-radius: 50%; padding: 0 5px;">2</span> <span style="background-color: #dc3545; color: white; border-radius: 50%; padding: 0 5px;">3</span> <span style="background-color: #ffc107; color: white; border-radius: 50%; padding: 0 5px;">4</span> <span style="background-color: #28a745; color: white; border-radius: 50%; padding: 0 5px;">5</span> <span style="background-color: #6c757d; color: white; border-radius: 50%; padding: 0 5px;">7</span> <span style="background-color: #6f42c1; color: white; border-radius: 50%; padding: 0 5px;">8</span> |
| 10758-   | ø 50 x 150 x 500 | Polyester PBT 0.50 | 12   | 80° 134° |          | 1 <span style="background-color: #007bff; color: white; border-radius: 50%; padding: 0 5px;">2</span> <span style="background-color: #dc3545; color: white; border-radius: 50%; padding: 0 5px;">3</span> <span style="background-color: #ffc107; color: white; border-radius: 50%; padding: 0 5px;">4</span> <span style="background-color: #28a745; color: white; border-radius: 50%; padding: 0 5px;">5</span> <span style="background-color: #6c757d; color: white; border-radius: 50%; padding: 0 5px;">7</span> <span style="background-color: #6f42c1; color: white; border-radius: 50%; padding: 0 5px;">8</span> |
| 10759-   | ø 60 x 150 x 500 | Polyester PBT 0.50 | 12   | 80° 134° |          | 1 <span style="background-color: #007bff; color: white; border-radius: 50%; padding: 0 5px;">2</span> <span style="background-color: #dc3545; color: white; border-radius: 50%; padding: 0 5px;">3</span> <span style="background-color: #ffc107; color: white; border-radius: 50%; padding: 0 5px;">4</span> <span style="background-color: #28a745; color: white; border-radius: 50%; padding: 0 5px;">5</span> <span style="background-color: #6c757d; color: white; border-radius: 50%; padding: 0 5px;">7</span>                                                                                                     |

Medium / Medio / Medium

Operating temp. / Temperatura de operación / Brugtemp.

134° Sterilisation temp. / Temperatura de esterilización / Sterilisationtemp.

PHB approved / PHB aprobado / PHB godkendt



## Tube brushes with tuft / Escobillones con punta redonda / Rensere, ombøjlet spids

| ITEM nr. | SIZE (mm)        | DETAILS            | PACK | C°       | FEATURES | COLOURS                                                                                               |
|----------|------------------|--------------------|------|----------|----------|-------------------------------------------------------------------------------------------------------|
| 10713-   | ø 55 x 140 x 450 | Polyester PBT 0.30 | 12   | 80° 134° |          | 1 <span style="background-color: #007bff; color: white; border-radius: 50%; padding: 0 5px;">2</span> |
| 10714-   | ø 65 x 160 x 500 | Polyester PBT 0.30 | 12   | 80° 134° |          | 1 <span style="background-color: #007bff; color: white; border-radius: 50%; padding: 0 5px;">2</span> |

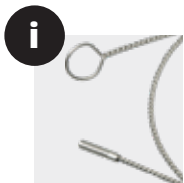
Medium / Medio / Medium

Operating temp. / Temperatura de operación / Brugtemp.

134° Sterilisation temp. / Temperatura de esterilización / Sterilisationtemp.

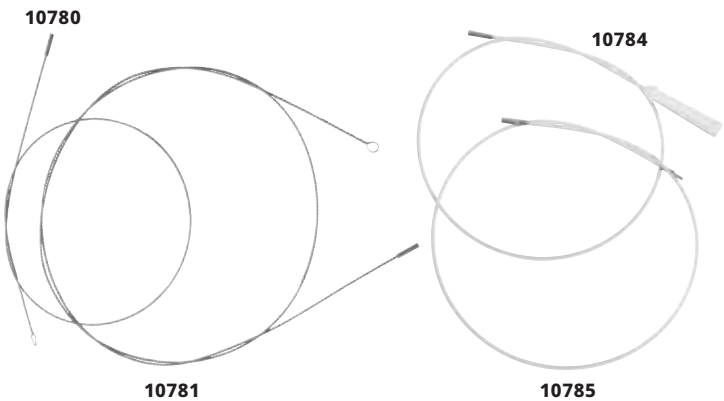
PHB approved / PHB aprobado / PHB godkendt

# Tube brushes and rods with thread



**10780-**  
**Fleksible rod**  
Alambre flexible  
Fleksibel wire

To clean curved pipes.  
Para limpiar tuberías curvadas.  
Til rengøring af buede rør.



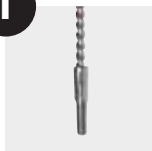
## Flexible rods with thread

Extensiones para escobillones / Wire, stål og nylon

| ITEM nr. | SIZE (cm) | DETAILS                                                            | PACK           | C°   | FEATURES | COLOURS |
|----------|-----------|--------------------------------------------------------------------|----------------|------|----------|---------|
| 10780    | 150       | Stainless wire / Cable inoxidable / Rustfri wire                   | M6 thread (12) | 250° | 3 E      | 1       |
| 10781    | 300       | Stainless wire / Cable inoxidable / Rustfri wire                   | M6 thread (12) | 250° | 3 E      | 1       |
| 10784    | 150       | Nylon wire / Cable de nylon / Nylon wire                           | M6 thread (12) | 250° | 3 E      | 1       |
| 10785    | 150       | Nylon Extension / Extension para cable flexible<br>Nylon forlænger | M6 thread (12) | 250° | 3 E      | 1       |

250° Sterilisation temp. / Temperatura de esterilización / Sterilisationstemp. PHB approved / PHB aprobado / PHB godkendt





**10774-**  
**Versatile tube brush**  
Escobillones para ajustar  
a extensión  
Alsiddig rørrenser

Fits to flexible rods, page 20.  
Se ajusta a los cables para escobillones,  
página 20.  
Passer til fleksibel wire, side 20.

10771 10772 10774 10775 10776 10778



## Tube brushes / Escobillones para ajustar a extensión / Rensere m/gevind

| ITEM nr. | SIZE (mm)        | DETAILS                        | PACK | C°       | FEATURES | COLOURS   |
|----------|------------------|--------------------------------|------|----------|----------|-----------|
| 10771-   | ø 12 x 100 x 160 | Polyester PBT 0.20 / M6 thread | (12) | 80° 134° |          | 1 2 3 4 5 |
| 10772-   | ø 20 x 100 x 160 | Polyester PBT 0.30 / M6 thread | (12) | 80° 134° |          | 1 2 3 4 5 |
| 10774-   | ø 40 x 100 x 160 | Polyester PBT 0.30 / M6 thread | (12) | 80° 134° |          | 1 2 3 4 5 |
| 10775-   | ø 50 x 100 x 160 | Polyester PBT 0.50 / M6 thread | (12) | 80° 134° |          | 1 2 3 4 5 |
| 10776-   | ø 60 x 100 x 160 | Polyester PBT 0.50 / M6 thread | (12) | 80° 134° |          | 1 2 3 4 5 |
| 10778-   | ø 80 x 100 x 160 | Polyester PBT 0.50 / M6 thread | (12) | 80° 134° |          | 1 2 3 4 5 |



Medium / Medio / Medium



Operating temp. / Temperatura de operación / Brugstemp.



134° Sterilisation temp. / Temperatura de esterilización / Sterilisationstemp.



PHB approved / PHB aprobado / PHB godkendt



**47260-**  
**Tube cleaning**  
Cepillos para tuberías aéreas  
Rengøring af rør

This product can be shaped to  
suit the surface to be cleaned.  
Este producto puede ser  
amoldado para ajustarse a  
la superficie por limpiar.  
Produkterne kan bøjes i flere  
former så det passer til det  
emne som skal rengøres.



## Tube cleaning brushes Cepillos para tuberías aéreas / Rørbørste

| ITEM nr. | SIZE (mm)         | DETAILS            | PACK | C°       | FEATURES | COLOURS   |
|----------|-------------------|--------------------|------|----------|----------|-----------|
| 47250-   | ø 50 x 300 x 580  | Polyester PBT 0.30 | (2)  | 80° 134° |          | 2         |
| 47260-   | ø 100 x 340 x 600 | Polyester PBT 0.30 | (2)  | 80° 134° |          | 1 2 3 4 5 |
| 47261-   | ø 100 x 500 x 650 | Polyester PBT 0.30 | (2)  | 80° 134° |          | 1 2 3 4 5 |



Operating temp. / Temperatura de operación / Brugstemp.



134° Sterilisation temp. / Temperatura de esterilización / Sterilisationstemp.



PHB approved / PHB aprobado / PHB godkendt

# Heat resistance

250°C/482°F tolerance for filaments - perfect for high temperature grills and heat-sealing equipment

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## 82911-6 Alternative to a stainless steel scraper

Alternativas a las espátulas de acero inoxidable  
Alternativ til rustfri stålskraber

For sensitive surfaces to avoid scratches.  
Para evitar rayones en superficies delicadas.  
Til sårbare overflader.

82910



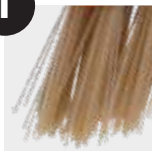
82911



## Spatulas, nylon / Espátulas de Nylon / Spartler, nylon

| ITEM nr. | SIZE (mm) | DETAILS | PACK | C°             | FEATURES | COLOURS |
|----------|-----------|---------|------|----------------|----------|---------|
| 82910-6  | 75 x 250  | Nylon   | (12) | 250°C<br>482°F |          | 6       |
| 82911-6  | 110 x 250 | Nylon   | (12) | 250°C<br>482°F |          | 6       |

Sterilisation temp. / Temperatura de esterilización / Sterilisationstemp. PHB approved / PHB aprobado / PHB godkendt



**60153-**  
Stiff filaments  
Cerdas duras  
Stive filamenter

Withstands high heat degrees.  
Resiste altas temperaturas.  
Tåler høje varmegrader.



60153

## Small machine brush Cepillo angosto para maquinaria / Lille maskinbørste

| ITEM nr. | SIZE (mm) | DETAILS                                                                                    | PACK | C°                                           | ↓    | FEATURES              | COLOURS |
|----------|-----------|--------------------------------------------------------------------------------------------|------|----------------------------------------------|------|-----------------------|---------|
| 60153-   | 275 x 20  | PEEK 0.40                                                                                  | (12) | (250°C<br>482°F)                             | (30) | (Stiff / Duro / Stiv) | (7)     |
|          |           | (250°C<br>482°F) Sterilisation temp. / Temperatura de esterilización / Sterilisationstemp. |      | (PHB approved / PHB aprobado / PHB godkendt) |      |                       |         |



60215

## Long utility brushes Cepillos multiusos, mango largo / Spandebørster, lang

| ITEM nr. | SIZE (mm) | DETAILS                                                                                    | PACK | C°                                           | ↓    | FEATURES              | COLOURS |
|----------|-----------|--------------------------------------------------------------------------------------------|------|----------------------------------------------|------|-----------------------|---------|
| 60215-   | 410 x 45  | PEEK 0.40                                                                                  | (6)  | (250°C<br>482°F)                             | (30) | (Stiff / Duro / Stiv) | (7)     |
|          |           | (250°C<br>482°F) Sterilisation temp. / Temperatura de esterilización / Sterilisationstemp. |      | (PHB approved / PHB aprobado / PHB godkendt) |      |                       |         |



64154

## Oven brush / Cepillo para horno/parrilla / Ovnbørste

| ITEM nr. | SIZE (mm) | DETAILS                                                                                    | PACK | C°                                           | ↓    | FEATURES              | COLOURS |
|----------|-----------|--------------------------------------------------------------------------------------------|------|----------------------------------------------|------|-----------------------|---------|
| 64154-   | 225 x 30  | PEEK 0.40                                                                                  | (6)  | (250°C<br>482°F)                             | (30) | (Stiff / Duro / Stiv) | (7)     |
|          |           | (250°C<br>482°F) Sterilisation temp. / Temperatura de esterilización / Sterilisationstemp. |      | (PHB approved / PHB aprobado / PHB godkendt) |      |                       |         |

# Hand squeegee and pad holders



i



**28243-**  
**With handgrip**  
Con mango  
Med greb

One piece, super hygienic, with handgrip.

Jalador de una pieza, super higiénico con mango.

Fuldstøbt skraber, super hygiejnisk med greb.



**Hand squeegee / Jaladores de mano / Håndskraber**

| ITEM nr. | SIZE (mm) | DETAILS                                   | PACK | C°        | FEATURES | COLOURS         |
|----------|-----------|-------------------------------------------|------|-----------|----------|-----------------|
| 28243-   | 300       | One piece squeegee, with handgrip, PP/TPE | ⑥    | 100° 120° | PHB      | 1 2 3 4 5 6 7 8 |
| 29901-   | 175       | Replacement handgrip, PP                  | ⑥    | 100° 120° | PHB      | 1 2 3 4 5 6 7 8 |
| 28300-   | 300       | One piece squeegees, PP/TPE               | ⑥    | 100° 120° | PHB      | 1 2 3 4 5 6 7 8 |

100° Operating temp. / Temperatura de operación / Brugstemp.

120° Sterilisation temp. / Temperatura de esterilización / Sterilisationtemp.

PHB approved / PHB aprobado / PHB godkendt



i



**57101-**  
**Unique lock system**  
Sistema único de sujeción  
Unikt låsesystem

Unique lock system to secure the pad.  
Sistema único de sujeción para asegurar la fibra.

Unik låsesystem til fastholdelse af skurenylon.



57101

47101

## Pad holders / Porta fibras / Skurenylon holder

| ITEM nr. | SIZE (mm) | DETAILS                   | PACK | C°        | COLOURS       |
|----------|-----------|---------------------------|------|-----------|---------------|
| 57101-   | 230 x 100 | Pad gripper with handgrip | 12   | 100° 120° | 1 2 3 4 5     |
| 47101-   | 230 x 100 | Pad gripper for handle    | 12   | 100° 120° | 1 2 3 4 5 6 7 |

100° Operating temp. / Temperatura de operación / Brugstemp.

120° Sterilisation temp. / Temperatura de esterilización / Sterilisationstemp.

i



**15124-**  
**Medium/hard**  
Medio/duras  
Medium/hård

Ideal for removing marks on both walls and floors.

Ideal para remover manchas tanto en las paredes como suelos.

Ideel til fjernelse af mærker på vægge og gulve.



15121

15123

15122

15124

15125

## Floor pads / Fibras / Skurenylon

| ITEM nr. | SIZE (mm) | DETAILS         | PACK | C°   | FEATURES | COLOURS |
|----------|-----------|-----------------|------|------|----------|---------|
| 15123    | 250 x 120 | Nylon Poliester | 12   | 100° | ☒        | ☐       |
| 15121    | 250 x 120 | Nylon Poliester | 12   | 100° | ☒        | ☐       |
| 15124    | 250 x 120 | Nylon           | 12   | 100° | ☒        | ☐       |
| 15122    | 250 x 120 | Nylon           | 12   | 100° | ☒        | ☐       |
| 15125    | 250 x 120 | Nylon           | 12   | 100° | ☒        | ☐       |

☒ Very soft / Muy suave / Meget blød

☒ Soft / Suave / Blød

☒ Medium / Medio / Medium

☒ Stiff / Duro / Stiv

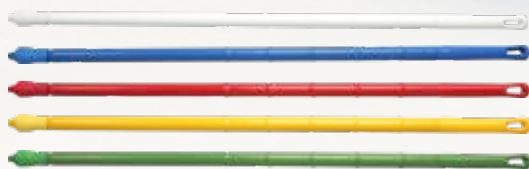
☒ Very stiff / Muy duro / Meget stiv

100° Operating temp. / Temperatura de operación / Brugstemp.

# One-piece squeegees

No.1 for  
removal of  
liquid and  
soft waste!

One-piece  
ergonomic  
handles  
**See page 47**





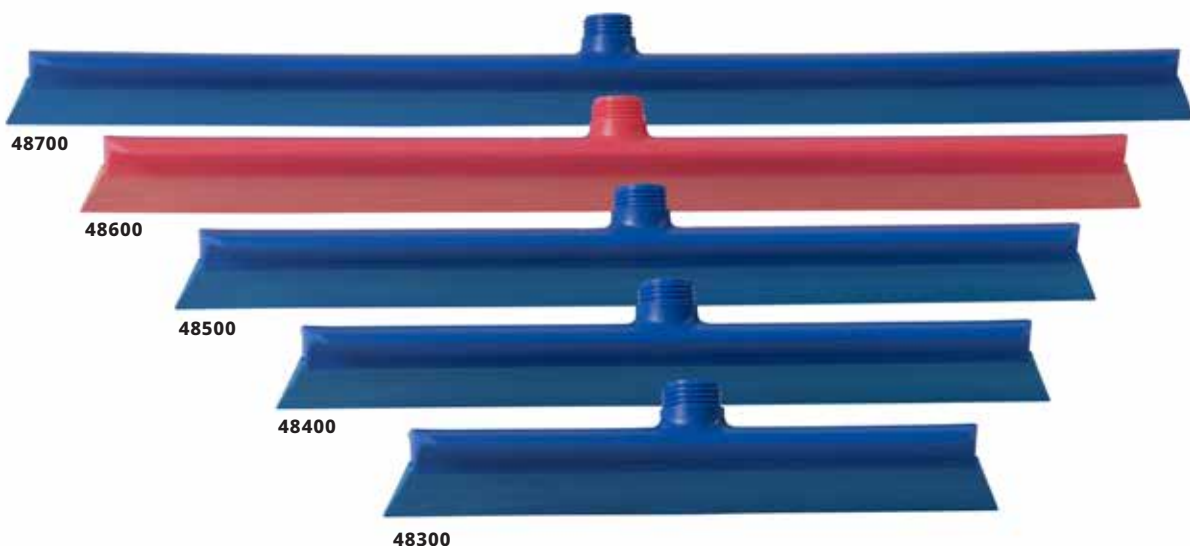
### One-Piece Squeegees

Haraganes de una pieza super higiénicos  
Fuldstøbte gulvskraber

Extremely effective action when both pushing or pulling.  
Moves liquids and condensation effortlessly from smooth surfaces.

Extremadamente efectivo secando tanto para adelante como para atrás. Elimina el agua de superficies lisas sin esfuerzo junto con la condensación.

Meget effektivt og hygiejnisk gulvskraber. Fjerner effektivt vand og kondens.



### One-piece squeegees

Jaladores de una pieza, súper higiénicos / Fuldstøbte gulvskraber

| ITEM nr. | SIZE (mm) | DETAILS                                                                                        | PACK | C°        | FEATURES | COLOURS                    |
|----------|-----------|------------------------------------------------------------------------------------------------|------|-----------|----------|----------------------------|
| 48300-   | 300       | Full coloured, PP/TPE rubber<br>Todo en un solo color, goma PP/TPE<br>Fuldfarvet, PP/TPE gummi | 6    | 100° 120° |          | 1 2 3 4 5 6 7 8            |
| 48400-   | 400       | Full coloured, PP/TPE rubber<br>Todo en un solo color, goma PP/TPE<br>Fuldfarvet, PP/TPE gummi | 6    | 100° 120° |          | 1 2 3 4 5 6 7 8 9 10 11 12 |
| 48500-   | 500       | Full coloured, PP/TPE rubber<br>Todo en un solo color, goma PP/TPE<br>Fuldfarvet, PP/TPE gummi | 6    | 100° 120° |          | 1 2 3 4 5 7 8              |
| 48600-   | 600       | Full coloured, PP/TPE rubber<br>Todo en un solo color, goma PP/TPE<br>Fuldfarvet, PP/TPE gummi | 6    | 100° 120° |          | 1 2 3 4 5 6 7 8 9 10 11 12 |
| 48700-   | 700       | Full coloured, PP/TPE rubber<br>Todo en un solo color, goma PP/TPE<br>Fuldfarvet, PP/TPE gummi | 6    | 100° 120° |          | 1 2 3 4 5 7 8              |

Operating temp. / Temperatura de operación / Brugstemp.

Sterilisation temp. / Temperatura de esterilización / Sterilisationstemp.

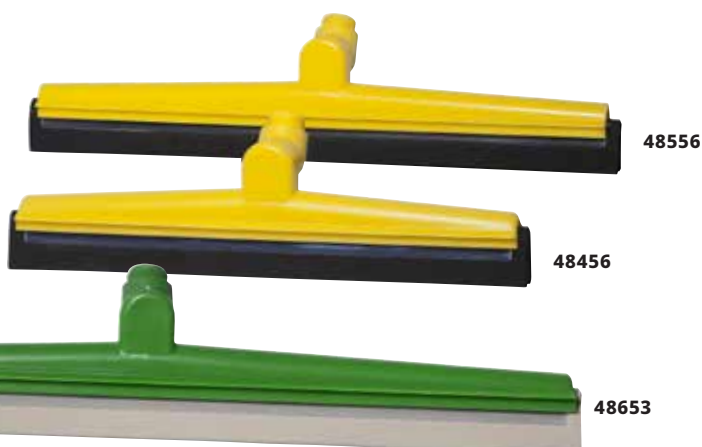
PHB approved / PHB aprobado / PHB godkendt

# Squeegees with double rubber blade

Hard leading edge removes stubborn residues!



**48556-**  
**360° pivot**  
Eje de 360°  
360° drejeled



## Squeegees with pivot Jaladores con cuello giratorio / Gulvskrabere med drejeled

| ITEM nr. | SIZE (mm) | DETAILS                                 | PACK | C°      | FEATURES | COLOURS   |
|----------|-----------|-----------------------------------------|------|---------|----------|-----------|
| 48453-   | 400 mm    | White rubber / Goma blanca / Hvid gummi | 6    | 90° 80° |          | 1 2 3 4 5 |
| 48553-   | 500 mm    | White rubber / Goma blanca / Hvid gummi | 6    | 90° 80° |          | 1 2 3 4 5 |
| 48653-   | 600 mm    | White rubber / Goma blanca / Hvid gummi | 6    | 90° 80° |          | 1 2 3 4 5 |
| 48456-   | 400 mm    | Black rubber / Goma negra / Sort gummi  | 6    | 90° 80° |          | 1 2 3 4 5 |
| 48556-   | 500 mm    | Black rubber / Goma negra / Sort gummi  | 6    | 90° 80° |          | 1 2 3 4 5 |
| 48656-   | 600 mm    | Black rubber / Goma negra / Sort gummi  | 6    | 90° 80° |          | 1 2 3 4 5 |

Operating temp. / Temperatura de operación / Brugstemp.

Sterilisation temp. / Temperatura de esterilización / Sterilisationstemp.

PHB approved / PHB aprobado / PHB godkendt





**15073-**  
**Double rubber lip**  
Doble goma  
Dobbelt gummiblade

Double rubber squeegee with replaceable cartridge.  
Jalador con goma reemplazable.  
Dobbelt udskiftelige gummiblade.



15072



15174

## Squeegees / Jaladores / Gulvskrabere

| ITEM nr. | SIZE (mm) | DETAILS                                 | PACK | C°  | FEATURES | COLOURS         |
|----------|-----------|-----------------------------------------|------|-----|----------|-----------------|
| 15071-   | 400 mm    | White rubber / Goma blanca / Hvid gummi | 6    | 80° |          | 1 2 3 4 5       |
| 15072-   | 500 mm    | White rubber / Goma blanca / Hvid gummi | 6    | 80° |          | 1 2 3 4 5 6     |
| 15073-   | 600 mm    | White rubber / Goma blanca / Hvid gummi | 6    | 80° |          | 1 2 3 4 5 6 7 8 |
| 15074-   | 700 mm    | White rubber / Goma blanca / Hvid gummi | 6    | 80° |          | 1 2 3 4 5 6 7 8 |
| 15171-   | 400 mm    | Black rubber / Goma negra / Sort gummi  | 6    | 80° |          | 1 2 3 4 5       |
| 15172-   | 500 mm    | Black rubber / Goma negra / Sort gummi  | 6    | 80° |          | 1 2 3 4 5 6     |
| 15173-   | 600 mm    | Black rubber / Goma negra / Sort gummi  | 6    | 80° |          | 1 2 3 4 5 6 7 8 |
| 15174-   | 700 mm    | Black rubber / Goma negra / Sort gummi  | 6    | 80° |          | 1 2 3 4 5 6 7 8 |

Operating temp. / Temperatura de operación / Brugstemp.

Sterilisation temp. / Temperatura de esterilización / Sterilisationstemp.

PHB approved / PHB aprobado / PHB godkendt



15076

15078

## Replacement rubber / Repuestos de goma / Erstatningsgummi

| ITEM nr. | SIZE (mm) | DETAILS | PACK | C°  | FEATURES | COLOURS |
|----------|-----------|---------|------|-----|----------|---------|
| 15075-   | 400 mm    |         | 12   | 80° |          | 1 6     |
| 15076-   | 500 mm    |         | 12   | 80° |          | 1 6     |
| 15077-   | 600 mm    |         | 12   | 80° |          | 1 6     |
| 15078-   | 700 mm    |         | 12   | 80° |          | 1 6     |

Operating temp. / Temperatura de operación / Brugstemp.

Sterilisation temp. / Temperatura de esterilización / Sterilisationstemp.

PHB approved / PHB aprobado / PHB godkendt

# Condensation squeegee, bottle and hose



## Condensation squeegee:

- 420mm working width
- Hygienic design
- Easy to clean, no hidden corners
- Flexible rubber lip to match both flat and curved surfaces, tubes
- Food approved contact

## Jalador de condensación:

- 420mm de ancho
- Diseño higiénico
- Fácil de limpiar, sin recovecos
- Filo de goma flexible para funcionar en superficies planas, curvas o tubos
- Apto para contacto con alimentos

## Kondensskraber:

- Hygiejnisk design
- Fødevarergodkendt
- Let at rengøre, ingen skjulte hjørner
- 420 mm
- Designet til både flade og kurvede overflader
- Fleksibelt gummi





## Condensation squeegee, bottle and hose

Jalador de condensación, botella para condensados y manguera

Kondensskraber, flaske og slange

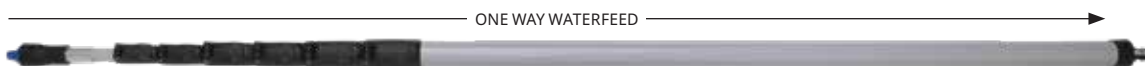
| ITEM nr. | SIZE    | DETAILS                              | PACK | C°        | FEATURES               | COLOURS   |
|----------|---------|--------------------------------------|------|-----------|------------------------|-----------|
| 48420-   | 420 mm  | One-piece / De una pieza / Fuldstøbt | 4    | 100° 120° | Waterfeed PHB approved | 1 2 3 4 5 |
| 0427     | 1 liter | Polyethylene PE, ½" nipple           | 1    | 100° 120° | Waterfeed PHB approved |           |
| 0429     | 1500 mm | PVC, ½" nipple                       | 1    | 50°       | Waterfeed PHB approved |           |

Waterfeed / Paso de agua / Vandgennemløb

Operating temp. / Temperatura de operación / Brugstemp.

120° Sterilisation temp. / Temperatura de esterilización / Sterilisationstemp.

PHB approved / PHB aprobado / PHB godkendt



49775-N



49826



49824

## Handles for condensation squeegee, ½" coupling

Mangos telescópicos con cople de ½" / Skafter til kondensskraber, ½" nippel

| ITEM nr. | SIZE (mm)      | DETAILS                                 | PACK | C°   | FEATURES               | COLOURS   |
|----------|----------------|-----------------------------------------|------|------|------------------------|-----------|
| 49775-N  | 1600/5300 x 34 | Telescopic handles, fibre glass         | 1    | 100° | Waterfeed PHB approved |           |
| 49779-N  | 1900/9500 x 46 | Telescopic handles, fibre glass         | 1    | 100° | Waterfeed PHB approved |           |
| 49826-   | 1720-2820 x 32 | Ergonomic telescopic handles, aluminium | 6    | 100° | Waterfeed PHB approved | 1 2 3 4 5 |
| 49828-   | 1280-2000 x 32 | Ergonomic telescopic handles, aluminium | 6    | 100° | Waterfeed PHB approved | 1 2 3 4 5 |
| 49824-   | 1500 x 32      | Ergonomic handles, aluminium            | 6    | 100° | Waterfeed PHB approved | 1 2 3 4 5 |
| 49825-   | 1750 x 32      | Ergonomic handles, aluminium            | 6    | 100° | Waterfeed PHB approved | 1 2 3 4 5 |

Waterfeed / Paso de agua / Vandgennemløb

100° Sterilisation temp. / Temperatura de esterilización / Sterilisationstemp.

PHB approved / PHB aprobado / PHB godkendt

# Deck scrubs

Stiff filaments for thorough and effective scrubbing of floors and walls!

i



**43153-**  
Stiff filaments  
Cerdas duras  
Stive filamenter

Stiff filaments, for a correct and efficient scrubbing.

Cerdas duras para un tallado correcto y eficiente.

Stive filamenter, til korrekt og effektiv rengøring



## Deck scrubs / Cepillos para tallar / Gulvskrubber

| ITEM nr. | SIZE (mm) | DETAILS            | PACK | C°       | ↓  | FEATURES | COLOURS                 |
|----------|-----------|--------------------|------|----------|----|----------|-------------------------|
| 15000-   | 225 x 60  | Polyester PBT 0.50 | 6    | 80° 134° | 30 |          | 1 2 3                   |
| 15001-   | 280 x 50  | Polyester PBT 0.50 | 6    | 80° 134° | 30 |          | 1 2 3 4 5 11 12         |
| 15002-   | 400 x 50  | Polyester PBT 0.50 | 6    | 80° 134° | 30 |          | 1 2 3 4 5 6 8           |
| 43153-   | 300 x 60  | Polyester PBT 0.50 | 6    | 80° 134° | 25 |          | 1 2 3 4 5 6 7 8 9 11 12 |

Stiff / Duro / Stiv Operating temp. / Temperatura de operación / Brugstemp.

Sterilisation temp. / Temperatura de esterilización / Sterilisationstemp. PHB approved / PHB aprobado / PHB godkendt





## Deck scrub w/side filaments

Cepillos para tallar c/cerdas laterales / Gulvskrubbe m/ sidebørster

| ITEM nr.                                                                                                                                                                                                                                                                                     | SIZE (mm) | DETAILS            | PACK | C°          | ↓     | FEATURES                                                                                                                                                            | COLOURS   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------------------|------|-------------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| 40154-                                                                                                                                                                                                                                                                                       | 285 x 120 | Polyester PBT 0.50 | 6    | 80°<br>134° | 25/40 |   | 1 2 3 4 5 |
|  Stiff / Duro / Stiv  Operating temp. / Temperatura de operación / Brugstemp.                                              |           |                    |      |             |       |                                                                                                                                                                     |           |
|  134° Sterilisation temp. / Temperatura de esterilización / Sterilisationtemp.  PHB approved / PHB aprobado / PHB godkendt |           |                    |      |             |       |                                                                                                                                                                     |           |



**40155-**  
**Effortless cleaning**  
Limpieza sin esfuerzo  
Ubesværet rengøring

Effortless cleaning of floors, walls drains and angled surfaces.  
Limpieza sin esfuerzo de pisos, paredes, drenajes y superficies angulares.  
Ubesværet rengøring af gulve, vægge afløb og vinklede overflader.



## Multi deck scrub "high/low"

Cepillo para tallar "angular" / Multi gulvskrubber "høj/lav"

| ITEM nr.                                                                                                                                                                                                                                                                                         | SIZE (mm) | DETAILS            | PACK | C°          | ↓  | FEATURES                                                                                                                                                                | COLOURS           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------------------|------|-------------|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| 40155-                                                                                                                                                                                                                                                                                           | 285 x 130 | Polyester PBT 0.50 | 6    | 80°<br>134° | 45 |   | 1 2 3 4 5 6 7 8 9 |
|  Medium / Medio / Medium  Operating temp. / Temperatura de operación / Brugstemp.                                          |           |                    |      |             |    |                                                                                                                                                                         |                   |
|  134° Sterilisation temp. / Temperatura de esterilización / Sterilisationtemp.  PHB approved / PHB aprobado / PHB godkendt |           |                    |      |             |    |                                                                                                                                                                         |                   |

# Sweepers



41126

**Sweepers**  
Escobas / Fejekoste

| ITEM nr.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | SIZE (mm) | DETAILS                | PACK | C°       | ↓  | FEATURES                                                                                                                                                              | COLOURS                                                                             |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------------------|------|----------|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 41126-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 400 x 50  | Polyester PBT PBT 0.20 | 6    | 80° 134° | 50 |   |  |
|  Very soft / Muy suave / Meget blød  Soft / Suave / Blød  PHB approved / PHB aprobado / PHB godkendt<br> Operating temp. / Temperatura de operación / Brugstemp.  134° Sterilisation temp. / Temperatura de esterilización / Sterilisationtemp. |           |                        |      |          |    |                                                                                                                                                                       |                                                                                     |



15004

**Sweepers, flagged**  
Escobas, cerdas despuntadas / Fejekoste, spaltet børster

| ITEM nr.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | SIZE (mm) | DETAILS            | PACK | C°       | ↓  | FEATURES                                                                                                                                                                | COLOURS                                                                              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------------------|------|----------|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| 15003-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 280 x 50  | Polyester PBT 0.30 | 6    | 80° 134° | 55 |   |  |
| 15004-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 400 x 50  | Polyester PBT 0.30 | 6    | 80° 134° | 55 |   |  |
| 47106-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 600 x 60  | Polyester PBT 0.30 | 6    | 80° 134° | 55 |   |  |
|  Very soft / Muy suave / Meget blød  Soft / Suave / Blød  Flagged material / Material despuntado / Spaltet filamenter<br> Operating temp. / Temperatura de operación / Brugstemp.  134° Sterilisation temp. / Temperatura de esterilización / Sterilisationtemp. |           |                    |      |          |    |                                                                                                                                                                         |                                                                                      |



**47176-**  
**Stiff and soft filaments**  
 Filamentos duros y suaves  
 Stive og bløde filamenter

Stiff front filaments that loosen stubborn dirt and heavier debris, while the softer rear filaments gather the finer particles.

Cerdas frontales duras que aflojan la suciedad difícil y residuos más grandes, mientras que las cerdas traseras suaves juntan las partículas más finas.

Stive front filamenter, der løsner genstridigt og tungere snavs, mens de blødere bageste børster samle de finere partikler.

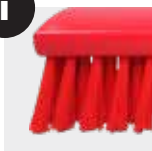


41176

## Combination sweepers / Escobas de cerdas mixtas / Kombinationsfejekoste

| ITEM nr. | SIZE (mm) | DETAILS                  | PACK | C° | ↓        | FEATURES | COLOURS               |
|----------|-----------|--------------------------|------|----|----------|----------|-----------------------|
| 41176-   | 400 x 50  | Polyester PBT 0.30/0.70= | 6    | 6  | 80° 134° | 55       | 1 2 3 4 5 6 7 8 11 12 |
| 47176-   | 600 x 60  | Polyester PBT 0.30/0.70= | 6    | 6  | 80° 134° | 55       | 1 2 3 4 5 6 7         |

Soft / Suave / Blød   
 Stiff / Duro / Stiv   
 Operating temp. / Temperatura de operación / Brugstemp.   
 134° Sterilisation temp. / Temperatura de esterilización / Sterilisationstemp.   
 PHB approved / PHB aprobado / PHB godkendt



**15220-**  
**Soft filaments**  
 Cerdas suaves  
 Bløde filamenter

Soft filaments, selected for most light duty brushing applications.

Cerdas suaves, aptas para cepillado más ligero.

Bløde filamenter, udvalgt til lette, overkommelige og daglige opgaver.



15203

## Sweepers / Escobas / Fejekoste

| ITEM nr. | SIZE (mm) | DETAILS            | PACK | C° | ↓        | FEATURES | COLOURS                 |
|----------|-----------|--------------------|------|----|----------|----------|-------------------------|
| 15203-   | 280 x 50  | Polyester PBT 0.30 | 6    | 6  | 80° 134° | 55       | 1 2 3 4 5               |
| 15204-   | 400 x 50  | Polyester PBT 0.30 | 6    | 6  | 80° 134° | 55       | 1 2 3 4 5 6 7 8 9 11 12 |
| 15220-   | 500 x 60  | Polyester PBT 0.30 | 6    | 6  | 80° 134° | 55       | 1 2 3 4 5               |
| 47136-   | 600 x 60  | Polyester PBT 0.30 | 6    | 6  | 80° 134° | 55       | 1 2 3 4 5 6 7 8         |

Medium / Medio / Medium   
 Operating temp. / Temperatura de operación / Brugstemp.   
 134° Sterilisation temp. / Temperatura de esterilización / Sterilisationstemp.   
 PHB approved / PHB aprobado / PHB godkendt



# Upright socket sweepers



Detectable range  
sweepers  
See page 83



Resin-Set  
sweepers  
See page 89







**44147-  
Soft Filaments**  
Cerdas suaves  
Bløde filamenter

Soft filaments, selected for most light duty brushing applications.  
Cerdas suaves, aptas para barrido más ligero.  
Bløde filamenter, til jævnlige og ikke krævende opgaver.



**44147**

## Upright socket sweepers / Escoba recta / Fejekoste

| ITEM nr. | SIZE (mm) | DETAILS            | PACK | C°       | ↑  | FEATURES | COLOURS                 |
|----------|-----------|--------------------|------|----------|----|----------|-------------------------|
| 44147-   | 280 x 48  | Polyester PBT 0.30 | 6    | 80° 134° | 70 |          | 1 2 3 4 5 6 7 8 9 11 12 |
| 44157-   | 280 x 48  | Polyester PBT 0.50 | 6    | 80° 134° | 70 |          | 1 2 3 4 5 6 7 8 11 12   |
| 45147-   | 400 x 50  | Polyester PBT 0.30 | 6    | 80° 134° | 70 |          | 1 2 3 4 5 7             |
| 45157-   | 400 x 50  | Polyester PBT 0.50 | 6    | 80° 134° | 70 |          | 1 2 3 4 5 7             |

Soft / Suave / Blød

Medium / Medio / Medium

Operating temp. / Temperatura de operación / Brugstemp.

Sterilisation temp. / Temperatura de esterilización / Sterilisationtemp.

PHB approved / PHB aprobado / PHB godkendt

**40157**



**40195**



**40195-  
Sweeper with angle cut**  
Escobas estrechas con  
corte angular  
Fejekost med vinkelsnit

Narrow sweeper with filament cut with an angle. Especially good for lobby pan.  
Escoba recta y angosta con corte angular.  
Ideal para recogedor con mango.  
Small fejekost med børstehår skåret i vinkel. Speciel god til fejebakken.

## Narrow sweepers / Escobas rectas y angostas / Smal fejekost

| ITEM nr. | SIZE (mm) | DETAILS            | PACK | C°       | ↑       | FEATURES | COLOURS               |
|----------|-----------|--------------------|------|----------|---------|----------|-----------------------|
| 40157-   | 260 x 35  | Polyester PBT 0.50 | 6    | 80° 134° | 75      |          | 1 2 3 4 5             |
| 40190-   | 260 x 35  | Polyester PBT 1.00 | 6    | 80° 134° | 80      |          | 2 3 4 5               |
| 40195-   | 300 x 35  | Polyester PBT 1.00 | 6    | 80° 134° | 120-170 |          | 1 2 3 4 5 6 7 8 11 12 |

Medium / Medio / Medium

Stiff / Duro / Stiv

Operating temp. / Temperatura de operación / Brugstemp.

Sterilisation temp. / Temperatura de esterilización / Sterilisationtemp.

PHB approved / PHB aprobado / PHB godkendt

# Brooms medium and stiff



i



**15009-**  
**Medium stiff filaments**  
 Cerdas de dureza media  
 Medium stive filamenter

Medium stiff filaments for removing slightly larger debris, good all-rounder. Cerdas de dureza media para remover residuos un poco más grandes, ideales para todas las superficies. Medium stive filamenter til fjernelse af almindelig snavs, god "all-rounder" kost.



15009

## Brooms, medium / Cepillos de cerdas medianas / Fejekoste, medium

| ITEM nr. | SIZE (mm) | DETAILS            | PACK | C°       | ↑  | FEATURES                                                                                                                                                                | COLOURS                 |
|----------|-----------|--------------------|------|----------|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| 15023-   | 300 x 60  | Polyester PBT 0.50 | 6    | 80° 134° | 55 |   | 1 2 3 4 5 6             |
| 15009-   | 400 x 60  | Polyester PBT 0.50 | 6    | 80° 134° | 55 |   | 1 2 3 4 5 6 7 8 9 11 12 |
| 15021-   | 500 x 60  | Polyester PBT 0.50 | 6    | 80° 134° | 55 |   | 1 2 3 4 5               |
| 47156-   | 600 x 60  | Polyester PBT 0.50 | 6    | 80° 134° | 55 |   | 1 2 3 4 5 6 7 8         |

 Medium / Medio / Medium

 Operating temp. / Temperatura de operación / Brugstemp.

 134° Sterilisation temp. / Temperatura de esterilización / Sterilisationstemp.

 PHB approved / PHB aprobado / PHB godkendt

i



**45197-**  
**Stiff filaments**  
Cerdas duras  
Stive filamenter

Stiff filaments for removing stubborn residues.  
Cerdas duras para remover residuos difíciles.  
Stive filamenter der løsner genstridigt og tungere snavs.



45197

## Brooms, stiff / Cepillo, extra duro / Gulvkoste, stiv

| ITEM nr. | SIZE (mm) | DETAILS            | PACK | C°       | ↓  | FEATURES | COLOURS       |
|----------|-----------|--------------------|------|----------|----|----------|---------------|
| 43197-   | 300 x 60  | Polyester PBT 1.00 | 6    | 80° 134° | 65 |          | 2 3           |
| 45197-   | 400 x 60  | Polyester PBT 1.00 | 6    | 80° 134° | 65 |          | 1 2 3 4 5 6 8 |
| 47197-   | 600 x 60  | Polyester PBT 1.00 | 6    | 80° 134° | 65 |          | 2 3           |

Very stiff / Muy duro / Meget stiv   
 Operating temp. / Temperatura de operación / Brugstemp.  
 134° Sterilisation temp. / Temperatura de esterilización / Sterilisationtemp.   
 PHB approved / PHB aprobado / PHB godkendt

i



**15008-**  
**Broom**  
Escoba  
Gulvkost

Broom with extra stiff filaments, perfect for outdoor use or harsh cleaning.  
Escobas con cerdas extra duras, perfectos para su uso en exteriores o zonas difíciles.  
Gulvkost med stive filamenter. Perfekt til udendørs brug og hård rengøring.



15010

## Brooms with extra long filaments, stiff / Escoba con cerdas extra largas, duras / Gulvkost med ekstra lange filamenter, stiv

| ITEM nr. | SIZE (mm) | DETAILS            | PACK | C°       | ↓   | FEATURES | COLOURS            |
|----------|-----------|--------------------|------|----------|-----|----------|--------------------|
| 15007-   | 300 x 60  | Polyester PBT 1.00 | 6    | 80° 134° | 105 |          | 1 2 3              |
| 15008-   | 400 x 60  | Polyester PBT 1.00 | 6    | 80° 134° | 105 |          | 1 2 3 4 5 6 7 8 11 |
| 15010-   | 500 x 60  | Polyester PBT 1.00 | 6    | 80° 134° | 105 |          | 1 2 3 4 5          |

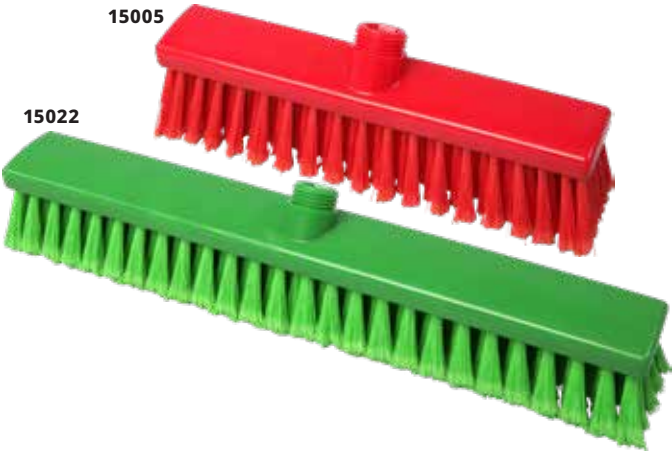
Stiff / Duro / Stiv   
 Operating temp. / Temperatura de operación / Brugstemp.  
 134° Sterilisation temp. / Temperatura de esterilización / Sterilisationtemp.   
 PHB approved / PHB aprobado / PHB godkendt

# Sweepers and brooms with polypropylene filaments



**15006-**  
**PP filaments**  
Cerdas de PP  
PP filamenter

This filament has good abrasion resistance and excellent chemical resistance to both acids and alkali solutions. It has an inferior bend recovery to Polyester.  
Esta cerda tiene buena resistencia a la abrasión y excelente resistencia a los químicos, tanto a soluciones ácidas como alcalinas. Tiene una recuperación de curvatura inferior al Poliéster.  
Filamenter af polypropylene er slidstærke og har fremragende kemiske resistente egenskaber over for både syre og base løsninger. Sammenlignet med polyester er fleksibiliteten lavere.



**Sweepers with flagged polypropylene filaments**  
Escobas con cerdas despuntadas  
Fejekoste med spaltede polypropylene filamenter

| ITEM nr. | SIZE (mm) | DETAILS            | PACK | C°       | ↓  | FEATURES                                                                                                                                                                                                                                                    | COLOURS   |
|----------|-----------|--------------------|------|----------|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| 15005-   | 280 x 50  | Polypropylene 0.25 | 6    | 80° 100° | 55 |    | 1 2 3 4 5 |
| 15006-   | 400 x 50  | Polypropylene 0.25 | 6    | 80° 100° | 55 |    | 1 2 3 4 5 |
| 15022-   | 500 x 60  | Polypropylene 0.25 | 6    | 80° 100° | 55 |    | 1 2 3 4 5 |

 Soft / Suave / Blød     Operating temp. / Temperatura de operación / Brugstemp.  
 Sterilisation temp. / Temperatura de esterilización / Sterilisationtemp.     Flagged material / Material despuntado Spaltet filamenter





## Sweeper with soft filament

Cepillo de cerdas suaves / Fejekost med bløde filamenter

| ITEM nr.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | SIZE (mm) | DETAILS            | PACK | C°       | ↓  | FEATURES                                                                                                                                                               | COLOURS |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------------------|------|----------|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| 15206-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 400 x 50  | Polypropylene 0.25 | 6    | 50° 100° | 55 |   | 1 2 3   |
|  Medium / Medio / Medium  Operating temp. / Temperatura de operación / Brugstemp.  100° Sterilisation temp. / Temperatura de esterilización / Sterilisationtemp.  PHB approved / PHB aprobado / PHB godkendt |           |                    |      |          |    |                                                                                                                                                                        |         |



## Brooms with stiff filaments

Escobas con cerdas duras / Gulvkost med stive filamenter

| ITEM nr.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | SIZE (mm) | DETAILS            | PACK | C°       | ↓   | FEATURES                                                                                                                                                                   | COLOURS |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------------------|------|----------|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| 15016-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 300 x 60  | Polypropylene 1.20 | 6    | 50° 100° | 110 |   | 2       |
| 15017-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 400 x 60  | Polypropylene 1.20 | 6    | 50° 100° | 110 |   | 2       |
| 15018-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 500 x 60  | Polypropylene 1.20 | 6    | 50° 100° | 110 |   | 2       |
|  Very stiff / Muy duro / Meget stiv  Operating temp. / Temperatura de operación / Brugstemp.  100° Sterilisation temp. / Temperatura de esterilización / Sterilisationtemp.  PHB approved / PHB aprobado / PHB godkendt |           |                    |      |          |     |                                                                                                                                                                            |         |

# Tank and tube cleaning brushes



Tank or tube brushes, the perfect solution for cleaning , tanks, drains etc.



47255

**Drain cleaning brush**  
Cepillo para drenaje / Afløbsrenser

| ITEM nr.                                                                                                                                                                                                                 | SIZE (mm)        | DETAILS            | PACK | C°       | FEATURES | COLOURS |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|--------------------|------|----------|----------|---------|
| 47255-                                                                                                                                                                                                                   | ø 60 x 150 x 390 | Polyester PBT 0.50 | 2    | 80° 134° |          | 6       |
| <div><div> Operating temp. / Temperatura de operación / Brugstemp.</div><div> Sterilisation temp. / Temperatura de esterilización / Sterilisationtemp.</div><div> PHB approved / PHB aprobado / PHB godkendt</div></div> |                  |                    |      |          |          |         |



**15026-**  
**Cleaning corners**  
Limpia esquinas  
Rengøring af hjørner

Designed for cleaning of containers and other objects with hard edges and corners.  
Diseñado para limpiar contenedores y otros objetos con bordes marcados y esquinas.  
Designet til rengøring af tanke, beholdere og andre genstande med svære kanter og hjørner.



## Tank brushes / Cepillos para tanques / Tankbørster

| ITEM nr. | SIZE (mm) | DETAILS            | PACK | C°       | ↑  | FEATURES | COLOURS                 |
|----------|-----------|--------------------|------|----------|----|----------|-------------------------|
| 15024-   | 220 x 140 | Polyester PBT 0.30 | 6    | 80° 134° | 40 |          | 2                       |
| 15025-   | 200 x 120 | Polyester PBT 0.30 | 6    | 80° 134° | 35 |          | 1 2 3 4 5 6 7 8 11 12   |
| 15026-   | 200 x 120 | Polyester PBT 0.50 | 6    | 80° 134° | 35 |          | 1 2 3 4 5 6 7 8 9 11 12 |

Stiff / Duro / Stiv Soft / Suave / Blød Medium / Medio / Medium Operating temp. / Temperatura de operación / Brugstemp.

Sterilisation temp. / Temperatura de esterilización / Sterilisationtemp. Flagged material / Material despuntado / Spaltet filamenter

PHB approved / PHB aprobado / PHB godkendt



## Tube cleaning brushes / Cepillos para tuberías / Rørrensere

| ITEM nr. | SIZE (mm)         | DETAILS            | PACK | C°       | ↑  | FEATURES | COLOURS |
|----------|-------------------|--------------------|------|----------|----|----------|---------|
| 47121-   | ø 63 x 95 x 120   | Polyester PBT 0.20 | 6    | 80° 134° | 9  |          | 1 2 3 6 |
| 47131-   | ø 70 x 95 x 120   | Polyester PBT 0.30 | 6    | 80° 134° | 12 |          | 1 2 3 6 |
| 47132-   | ø 80 x 100 x 125  | Polyester PBT 0.30 | 6    | 80° 134° | 18 |          | 1 2 3 6 |
| 47133-   | ø 90 x 105 x 130  | Polyester PBT 0.30 | 6    | 80° 134° | 23 |          | 1 2 3 6 |
| 47152-   | ø 105 x 115 x 140 | Polyester PBT 0.50 | 6    | 80° 134° | 30 |          | 1 2 3 6 |
| 47153-   | ø 120 x 120 x 145 | Polyester PBT 0.50 | 6    | 80° 134° | 38 |          | 1 2 3 6 |

Medium / Medio / Medium Operating temp. / Temperatura de operación / Brugstemp.

Sterilisation temp. / Temperatura de esterilización / Sterilisationtemp. PHB approved / PHB aprobado / PHB godkendt



# Spatula, scrapers and paddles for handle



**48082-  
Scraper tool**  
Espátula  
Skraber

A cutting-edge tool for the smallest spaces and most stubborn residue.  
Una herramienta innovadora para los rincones mas pequeños y residuos más difíciles.  
Et perfekt redskab til områder med genstridige rester.

48080

48120



## Stainless steel scraper / Espátula de acero inoxidable / Skraber i rustfrit stål

| ITEM nr. | SIZE (mm) | DETAILS                    | PACK | C°   | FEATURES                                                                                                                                                                | COLOURS   |
|----------|-----------|----------------------------|------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| 48080-   | 80 x 110  | Flex, stainless steel 304  | 12   | 120° |   | 1 2 3 4 5 |
| 48120-   | 120 x 110 | Flex, stainless steel 304  | 12   | 120° |   | 1 2 3 4 5 |
| 48082-   | 80 x 110  | Stiff, stainless steel 304 | 12   | 120° |   | 1 2 3 4 5 |
| 48122-   | 120 x 110 | Stiff, stainless steel 304 | 12   | 120° |   | 1 2 3 4 5 |

 Flexible / Flexible / Fleksibel    Stiff / Duro / Stiv    120° Sterilisation temp. / Temperatura de esterilización / Sterilisationstemp.  
 PHB approved / PHB aprobado / PHB godkendt





### Stainless steel scraper

Espátulas para ajustar a mango, acero inoxidable / Skraber i rustfrit stål

| ITEM nr. | SIZE (mm) | DETAILS                               | PACK | C°   | FEATURES                                                                          | COLOURS               |
|----------|-----------|---------------------------------------|------|------|-----------------------------------------------------------------------------------|-----------------------|
| 48282-   | 270 x 110 | 1,5→0,5 mm, Flex, stainless steel 304 | 6    | 120° |  | 2 3                   |
| 48281-   | 270 x 110 | 1,5 mm, Stiff, stainless steel 304    | 6    | 120° |  | 1 2 3 4 5 6 7 8 11 12 |

 Flexible / Flexible / Fleksibel   
  Stiff / Duro / Stiv   
  120° Sterilisation temp. / Temperatura de esterilización / Sterilisationtemp.

 PHB approved / PHB aprobado / PHB godkendt



### Plastic scraper

Espátula de plástico para ajustar a mango / Skraber i plastik

| ITEM nr. | SIZE (mm) | DETAILS       | PACK | C°        | FEATURES                                                                            | COLOURS   |
|----------|-----------|---------------|------|-----------|-------------------------------------------------------------------------------------|-----------|
| 48283-   | 270 x 110 | Polypropylene | 6    | 100° 120° |  | 1 2 3 4 5 |

 Stiff / Duro / Stiv   
  100° Operating temp. / Temperatura de operación / Brugstemp.

 120° Sterilisation temp. / Temperatura de esterilización / Sterilisationtemp.   
  PHB approved / PHB aprobado / PHB godkendt



### Paddle scraper blade

Pala para ajustar a mango / Paddelskraberblad

| ITEM nr. | SIZE (mm) | DETAILS       | PACK | C°        | FEATURES                                                                            | COLOURS   |
|----------|-----------|---------------|------|-----------|-------------------------------------------------------------------------------------|-----------|
| 48290-   | 112 x 235 | Polypropylene | 12   | 100° 120° |  | 1 2 3 4 5 |
| 48291-   | 112 x 235 | Polyethylene  | 12   | 70° 80°   |  | 1 2       |

 Flexible / Flexible / Fleksibel   
  Stiff / Duro / Stiv   
  100° Operating temp. / Temperatura de operación / Brugstemp.

 120° Sterilisation temp. / Temperatura de esterilización / Sterilisationtemp.   
  PHB approved / PHB aprobado / PHB godkendt

# Handles

Wide range of handles designed for heavy use with excellent wall thickness and anti-fatigue ergonomic shaft!



**Aluminium, 1½ mm**  
Aluminio, 1½ mm  
Aluminium, 1½ mm

49812



49813



50321



50331



**Ergonomic handles** / Mangos ergonómicos / Skafter m/ergonomisk håndgreb

| ITEM nr. | SIZE (mm) | DETAILS   | PACK | C°   | FEATURES | COLOURS                 |
|----------|-----------|-----------|------|------|----------|-------------------------|
| 49812-   | 650 x 32  | Aluminium | 6    | 120° |          | 1 2 3 4 5 6 7 8 9 11 12 |
| 49813-   | 1300 x 32 | Aluminium | 6    | 120° |          | 1 2 3 4 5 6 7 8 9 11 12 |
| 50321-   | 1500 x 32 | Aluminium | 6    | 120° |          | 1 2 3 4 5 6 7 8 9 11 12 |
| 50331-   | 1750 x 32 | Aluminium | 6    | 120° |          | 1 2 3 4 5 6 7 8 9 11 12 |

120° Sterilisation temp. / Temperatura de esterilización / Sterilisationstemp.

PHB approved / PHB aprobado / PHB godkendt



**49904-**  
**One-piece handle**  
Mango de una sola pieza  
Fuldstøbt skaft

The world's most innovative professional one-piece injected handle for strength and optimal hygiene. Withstand Ph 2 - 10½.

El mango más innovador y profesional de una sola pieza, inyectado para mayor fuerza y una limpieza óptima. Resiste pH entre 2-10.5

Verdens mest innoverende professionelle fuldstøbte skaft. Stor styrkekapacitet og meget rengøringsvenlig. Kan modstå Ph 2 - 10½.



### One-piece ergo. handles

Mango de una sola pieza, super higiénico / Fuldstøbt ergonomisk skaft

| ITEM nr. | SIZE (mm) | DETAILS       | PACK | C°       | FEATURES | COLOURS                 |
|----------|-----------|---------------|------|----------|----------|-------------------------|
| 49903-   | 1300 x 32 | PP reinforced | 6    | 75° 120° |          | 1 2 3 4 5 6 7 8 9 11 12 |
| 49904-   | 1500 x 32 | PP reinforced | 6    | 75° 120° |          | 1 2 3 4 5 6 7 8 9 11 12 |
| 49905-   | 1700 x 32 | PP reinforced | 6    | 75° 120° |          | 1 2 3 4 5 6 7 8 9 11 12 |

Operating temp. / Temperatura de operación / Brugstemp.

Sterilisation temp. / Temperatura de esterilización / Sterilisationstemp.

PHB approved / PHB aprobado / PHB godkendt

# Handles



Aluminium, 1½ mm  
Aluminio, 1½ mm  
Aluminium, 1½ mm



## Handles with standard grip

Mango de aluminio estándar / Skafter m/ standard håndgreb

| ITEM nr. | SIZE (mm) | DETAILS   | PACK | C°   | FEATURES | COLOURS                 |
|----------|-----------|-----------|------|------|----------|-------------------------|
| 49801-   | 300 x 25  | Aluminium | 6    | 120° |          | 1 2 3 4 5 6 7 8 9 11 12 |
| 49802-   | 800 x 25  | Aluminium | 6    | 120° |          | 1 2 3 4 5 6 7 8 9 11 12 |
| 49803-   | 1300 x 25 | Aluminium | 6    | 120° |          | 1 2 3 4 5 6 7 8 9 11 12 |
| 15032-   | 1500 x 25 | Aluminium | 6    | 120° |          | 1 2 3 4 5 6 7 8 9 11 12 |
| 15033-   | 1750 x 25 | Aluminium | 6    | 120° |          | 1 2 3 4 5 6 7 8 9 11 12 |

Sterilisation temp. / Temperatura de esterilización / Sterilisationstemp. PHB approved / PHB aprobado / PHB godkendt





**15030-  
Handle**  
Mango  
Skaft

White with red handgrip.  
Mango ergonómico de fibra de vidrio.  
Hvid med rødt håndgreb.

**49713**



**50301**



## Ergonomic handles

Mangos ergonómicos / Skafter m/ergonomisk håndgreb

| ITEM nr. | SIZE (mm) | DETAILS    | PACK | C°   | FEATURES | COLOURS |
|----------|-----------|------------|------|------|----------|---------|
| 49713-   | 1300 x 32 | Fiberglass | 6    | 100° |          | 1 2 3   |
| 50301-   | 1500 x 32 | Fiberglass | 6    | 100° |          | 1 2 3   |

Sterilisation temp. / Temperatura de esterilización / Sterilisationtemp.

PHB approved / PHB aprobado / PHB godkendt



**15030-  
Handle**  
Mango  
Skaft

White with blue handgrip. Light weight 1,5 mm wall thickness.  
Mango de fibra de vidrio con capuchón azul.  
Hvid med blåt håndgreb. Letvægt 1,5 mm godstykkelse.

**15030**



**15031**



## Handles with standard grip

Mangos de fibra de vidrio estándar / Glasfiberskafter, alm. håndgreb

| ITEM nr. | SIZE (mm) | DETAILS    | PACK | C°   | FEATURES | COLOURS |
|----------|-----------|------------|------|------|----------|---------|
| 15030-   | 1500 x 25 | Fiberglass | 6    | 100° |          | 2       |
| 15031-   | 1750 x 25 | Fiberglass | 6    | 100° |          | 2       |

Sterilisation temp. / Temperatura de esterilización / Sterilisationtemp.

PHB approved / PHB aprobado / PHB godkendt

# Telescopic handles



**49856-**  
**PP material**  
Material PP  
PP materiale

Ergonomic design  
Diseño ergonómico  
Ergonomisk design

**49852**



**49856**



## Ergonomic telescopic handles Mangos telescópicos, ergonómicos / Ergonomiske teleskopskafter

| ITEM nr. | SIZE (mm)               | DETAILS                  | PACK | C°   | FEATURES | COLOURS     |
|----------|-------------------------|--------------------------|------|------|----------|-------------|
| 49852-   | 1250 up to 2000mm Ø32mm | Aluminium, PP reinforced | 6    | 120° |          | 1 2 3 4 5   |
| 49856-   | 1700 up to 2800mm Ø32mm | Aluminium, PP reinforced | 6    | 120° |          | 1 2 3 4 5 7 |

Sterilisation temp. / Temperatura de esterilización / Sterilisationstemp. PHB approved / PHB aprobado / PHB godkendt

i

**15034-  
Hand grip**  
Agarradera  
Håndgreb

White wiith blue handgrip.  
Mango telescópico de fibra de vidrio  
con capuchón azul.  
Hvid med blåt håndgreb.

15034



15037



15045



## Telescopic handles / Mangos telescópicos / Teleskopskafter

| ITEM nr. | SIZE (mm)               | DETAILS    | PACK | C°   | FEATURES                                                                          | COLOURS |
|----------|-------------------------|------------|------|------|-----------------------------------------------------------------------------------|---------|
| 15034-   | 1100 up to 1900mm Ø26mm | Fiberglass | 6    | 100° |  | 2       |
| 15037-   | 1500 up to 2800mm Ø26mm | Fiberglass | 6    | 100° |  | 2       |
| 15045-   | 2500 up to 4800mm Ø26mm | Fiberglass | 6    | 100° |  | 2       |

 Sterilisation temp. / Temperatura de esterilización / Sterilisationtemp.

 PHB approved / PHB aprobado / PHB godkendt

i

**49779-  
Extra strong**  
Extra resistente  
Ekstra stærk

Extra strong fibreglass with positive lock.  
Super resistentes, de fibra de vidrio con  
un sistema de bloqueo extra fuerte.  
Ekstra stærk konstruktion og kraftig rør i  
glasfiber, effektiv låsesystem.

49775



49779



## Telescopic handles, extra strong Mangos telescópicos, extra resistentes / Teleskopskafter, ekstra stærk

| ITEM nr. | SIZE (mm)               | DETAILS      | PACK | C°   | FEATURES                                                                            |
|----------|-------------------------|--------------|------|------|-------------------------------------------------------------------------------------|
| 49775    | 1600 up to 5300mm Ø34mm | Extra strong | 1    | 100° |  |
| 49779    | 1900 up to 9500mm Ø46mm | Extra strong | 1    | 100° |  |

 Sterilisation temp. / Temperatura de esterilización / Sterilisationtemp.

 PHB approved / PHB aprobado / PHB godkendt

# Dust pan and hand scoops



**80302-**  
**Fits to bannister brush, page 7**  
**Encaja con el cepillo panadero, página 7**  
**Passer til støvkost, side 7**



**Dustpan / Recogedor de mano / Fejebled**

| ITEM nr. | SIZE (mm) | DETAILS                  | PACK | C°        | FEATURES                                                                            | COLOURS                 |
|----------|-----------|--------------------------|------|-----------|-------------------------------------------------------------------------------------|-------------------------|
| 80302-   | 300 x 310 | Reinforced Polypropylene | 6    | 100° 120° |  | 1 2 3 4 5 6 7 8 9 11 12 |
| 80301-   | 300 x 310 | Polypropylene            | 6    | 100° 120° |  | 1 2 3 4 5 6 7 8         |

 Operating temp. / Temperatura de operación / Brugstemp.

 Sterilisation temp. / Temperatura de esterilización / Sterilisationstemp.

 PHB approved / PHB aprobado / PHB godkendt



**80305-**

**When moving larger quantities**  
Para cantidades grandes  
Når der skal flyttes større mængder.

**80305**

## Large hand scoop / Pala de mano / Stor håndskovl

| ITEM nr. | SIZE (mm)       | DETAILS       | PACK | C°        | FEATURES | COLOURS                 |
|----------|-----------------|---------------|------|-----------|----------|-------------------------|
| 80305-   | 270 x 320 x 540 | Polypropylene | (6)  | 100° 120° |          | 1 2 3 4 5 6 7 8 9 11 12 |

Operating temp. / Temperatura de operación / Brugstemp.

Sterilisation temp. / Temperatura de esterilización / Sterilisationstemp.

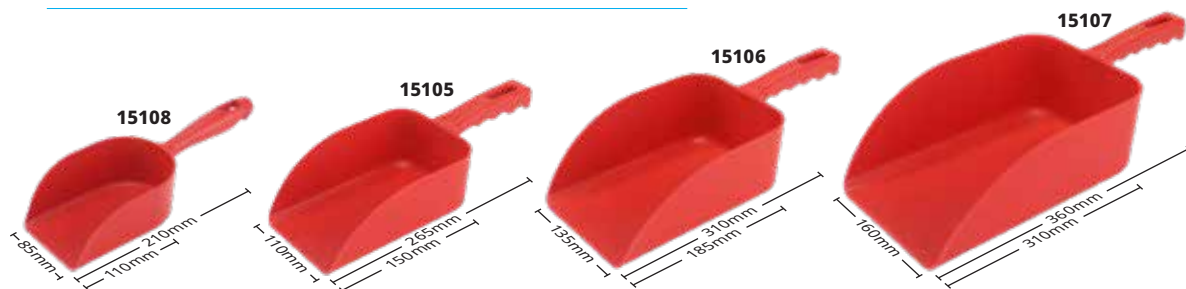
PHB approved / PHB aprobado / PHB godkendt

**Hand scoops**

High side edges  
Bordes altos  
Høje side kanter

**15108-**

**Hand scoop**  
Cucharón  
Håndskovl



## Hand scoops / Cucharones / Håndskovle

| ITEM nr. | SIZE (mm) | INSIDE (mm) | DETAILS | PACK | C°        | FEATURES | COLOURS                 |
|----------|-----------|-------------|---------|------|-----------|----------|-------------------------|
| 15108-   | 85 x 210  | 110         | 250 g   | (10) | 100° 120° |          | 1 2 3 4 5 6 7 8 9 11 12 |
| 15105-   | 110 x 265 | 150         | 500 g   | (10) | 100° 120° |          | 1 2 3 4 5 6 7 8 9 11 12 |
| 15106-   | 135 x 310 | 185         | 750 g   | (10) | 100° 120° |          | 1 2 3 4 5 6 7 8 9 11 12 |
| 15107-   | 160 x 360 | 310         | 1000 g  | (10) | 100° 120° |          | 1 2 3 4 5 6 7 8 9 11 12 |

Operating temp. / Temperatura de operación / Brugstemp.

Sterilisation temp. / Temperatura de esterilización / Sterilisationstemp.

PHB approved / PHB aprobado / PHB godkendt

# Lobby and dust pan with handle



15150 / 15151



80204



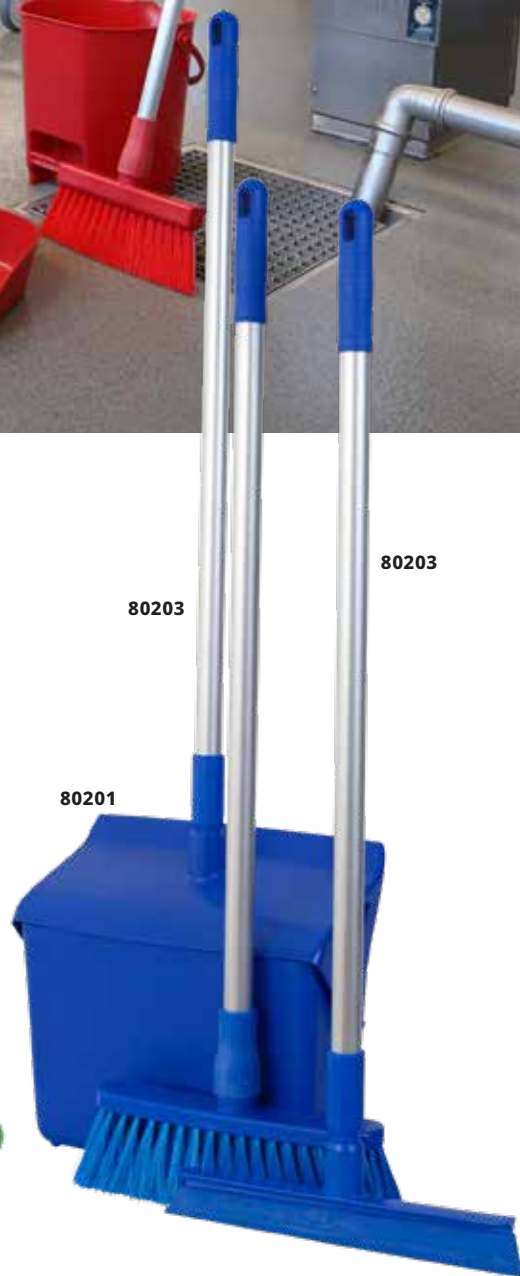
80203

80203

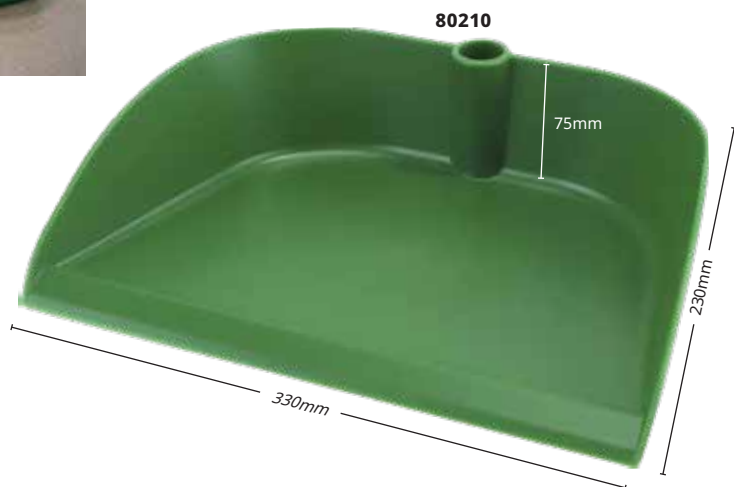
80203

80201

80210



80210



### Dustpan without handle

Recogedor sin mango / Fejebakke uden skaft

| ITEM nr.                                                                                                                                     | SIZE (mm) | DETAILS                  | PACK | C°        | FEATURES | COLOURS                 |
|----------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------------------------|------|-----------|----------|-------------------------|
| 80210-                                                                                                                                       | 330 x 230 | Reinforced polypropylene | (8)  | 100° 120° |          | 1 2 3 4 5 6 7 8 9 11 12 |
| Operating temp. / Temperatura de operación / Brugstemp.            Sterilisation temp. / Temperatura de esterilización / Sterilisationstemp. |           |                          |      |           |          |                         |
| PHB approved / PHB aprobado / PHB godkendt                                                                                                   |           |                          |      |           |          |                         |

### Lobby pan without handle

Recogedor para ajustar a mango / Fejebakke uden skaft

| ITEM nr.                                                                                                                                     | SIZE (mm) | DETAILS       | PACK | C°        | FEATURES | COLOURS                 |
|----------------------------------------------------------------------------------------------------------------------------------------------|-----------|---------------|------|-----------|----------|-------------------------|
| 80201-                                                                                                                                       |           | Polypropylene | (2)  | 100° 120° |          | 1 2 3 4 5 6 7 8 9 11 12 |
| Operating temp. / Temperatura de operación / Brugstemp.            Sterilisation temp. / Temperatura de esterilización / Sterilisationstemp. |           |               |      |           |          |                         |
| PHB approved / PHB aprobado / PHB godkendt                                                                                                   |           |               |      |           |          |                         |

### Handle and clip for lobby pan

Mango súper ligero y clip para recogedor / Skaft og holder til fejebakke

| ITEM nr.                                                                                                                                     | SIZE (mm) | DETAILS                  | PACK | C°        | FEATURES | COLOURS                 |
|----------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------------------------|------|-----------|----------|-------------------------|
| 80203-                                                                                                                                       | 800 x 25  | Handle, 0,9 mm aluminium | (6)  | 100° 120° |          | 1 2 3 4 5 6 7 8 9 11 12 |
| 80204-                                                                                                                                       | PPN       | Clip                     | (2)  | 100° 120° |          | 1 2 3 4 5 6 7 8 9 11 12 |
| Operating temp. / Temperatura de operación / Brugstemp.            Sterilisation temp. / Temperatura de esterilización / Sterilisationstemp. |           |                          |      |           |          |                         |
| PHB approved / PHB aprobado / PHB godkendt                                                                                                   |           |                          |      |           |          |                         |

# Lobby pan with lid/grip



**80205-**

**Fits to bannister brush, page 7**

Encaja con el cepillo panadero, página 7

Passer til støvkost, side 7



## Dust pan with lid and handgrip

Recogedor de mano con tapa y asa / Fejebakke med låg og håndgreb

| ITEM nr. | SIZE (mm) | DETAILS       | PACK | C°            | FEATURES | COLOURS                 |
|----------|-----------|---------------|------|---------------|----------|-------------------------|
| 80205-   |           | Polypropylene | (2)  | (100°) (120°) | (1)      | 1 2 3 4 5 6 7 8 9 11 12 |

(100°) Operating temp. / Temperatura de operación / Brugstemp. (120°) Sterilisation temp. / Temperatura de esterilización / Sterilisationstemp.

(PHB) PHB approved / PHB aprobado / PHB godkendt



# Lobby and dust pan with handle

see page 54 - 55



## Lobby pan & dust pan with lid/grip:

- Strong heavy duty design
- Capacity for 7 Ltr.
- Hygienic and easy to clean
- Fits to FBK wall holder system
- Can hang upside down for drying
- 1050 mm incl. handle
- Dustpan with lid/handgrip are designed with holder for either bannister brush or hand squeegee

## Recogedor con mango y tapa y recogedor de mano con tapa y asa:

- Diseño extra fuerte
- Capacidad para 7 litros
- Higiénico y fácil de limpiar
- Encaja con el sistema organizador de FBK
- Puede colgarse boca abajo para secarse
- Mide 1050 mm incluyendo el mango
- Recogedor con tapa/asa diseñado para sostener el cepillo panadero o el jalador de mano

## Fejebakke til skaft & med håndtag:

- Kraftig og stabilt design
- Kapacitet på 7 L.
- Hygiejnisk - let at rengøre
- Passer til FBK ophængssystem
- Integreret ophængsfunktion
- 1050 mm inkl. skaft
- Fejebakken med låg/håndtag er designet med en holder til enten håndkost eller håndskraber.

# Ergonomic one piece paddles and shovels



Detectable range  
one-piece shovels  
**See page 76**



**One-piece paddle**  
Pala de una pieza / Fuldstøbt omrører

| ITEM nr. | SIZE (mm)    | DETAILS       | PACK | C°        | FEATURES | COLOURS |
|----------|--------------|---------------|------|-----------|----------|---------|
| 15110-   | 1135 x Ø 167 | Polypropylene | 6    | 100° 120° |          | 1 2 3   |
| 15111-   | 1135 x Ø 167 | Polypropylene | 6    | 100° 120° |          | 1 2 3   |

Operating temp. / Temperatura de operación / Brugstemp.

Sterilisation temp. / Temperatura de esterilización / Sterilisationtemp.

PHB approved / PHB aprobado / PHB godkendt



## Ergonomic one-piece shovels, short handle

Palas ergonómicas de una pieza, mango corto / Ergonomisk kortskaftede skovle

| ITEM nr. | SIZE (mm)        | DETAILS       | PACK | C°        | FEATURES     | COLOURS                 |
|----------|------------------|---------------|------|-----------|--------------|-------------------------|
| 14103-   | 270 x 340 x 1120 | Polypropylene | 6    | 100° 120° | PHB approved | 1 2 3 4 5 6 7 8 9 11 12 |
| 14104-   | 330 x 380 x 1120 | Polypropylene | 6    | 100° 120° | PHB approved | 1 2 3 4 5 6 7           |

100° Operating temp. / Temperatura de operación / Brugstemp.

120° Sterilisation temp. / Temperatura de esterilización / Sterilisationstemp.

PHB approved / PHB aprobado / PHB godkendt

## Ergonomic one-piece shovels, long handle

Palas ergonómicas de una pieza, mango largo / Ergonomisk langskaftede skovle

| ITEM nr. | SIZE (mm)        | DETAILS       | PACK | C°        | FEATURES     | COLOURS       |
|----------|------------------|---------------|------|-----------|--------------|---------------|
| 15103-   | 270 x 340 x 1330 | Polypropylene | 6    | 100° 120° | PHB approved | 1 2 3 4 5 6   |
| 15104-   | 330 x 380 x 1330 | Polypropylene | 6    | 100° 120° | PHB approved | 1 2 3 4 5 6 7 |

100° Operating temp. / Temperatura de operación / Brugstemp.

120° Sterilisation temp. / Temperatura de esterilización / Sterilisationstemp.

PHB approved / PHB aprobado / PHB godkendt

# Jug (transparent, 2 litre)



Ergonomic handgrip.  
Agarre ergonómico.  
Ergonomisk håndtag.



Hanging hole for storage/shadowboards/drying.  
Orificio para colgar, almacenar, poner en shadowboard o secar.  
Hul til ophængningssystem/shadow board.



Special designed pouring lip. No dripping.  
Boquilla diseñada especialmente. Sin goteos.  
Speciel designet hældekan. Drypper ikke.



30° flat sides.  
Lados planos con 30°.  
30° flade sider.



Drain openings.  
Aperturas de drenaje/secado.  
Dræn åbninger.



Jug / Jarra / Kande

| ITEM nr. | SIZE (L) | DETAILS       | PACK | C°        | FEATURES                                                                             | COLOURS       |
|----------|----------|---------------|------|-----------|--------------------------------------------------------------------------------------|---------------|
| 80122-   | 2 litre  | Polypropylene | 12   | 100° 120° |  | 1 2 3 4 5 7 8 |

(100°) Operating temp. / Temperatura de operación / Brugstemp.

(120°) Sterilisation temp. / Temperatura de esterilización / Sterilisationtemp.

(PHB) PHB approved / PHB aprobado / PHB godkendt



# A Key to Efficiency, Safety, and Hygiene

**Keeping the workplace organized is essential for efficiency, safety, and hygiene – especially in environments with strict cleaning requirements.**

FBK's color-coded hanging system is designed to ensure a systematic and hygienic storage solution for cleaning equipment. By using color-coded hangers, tools can be easily organized according to work zones, minimizing the risk of cross-contamination and ensuring that equipment is always stored correctly and remains easily accessible.

To further optimize workflow, many companies choose to combine FBK's hanging system with Shadow Boards, which serve as a visual management tool for improved organization.

**Shadow Boards and the 5S Method** Many businesses implement Shadow Boards as part of the 5S method, which is based on Sorting, Systematizing, Systematic Cleaning, Standardization, and Self-Discipline. By integrating Shadow Boards and FBK's hanging system into this structure, companies create a workplace where all equipment has a designated place, ensuring a high level of order, efficiency, and safety.



## Clave en Eficiencia, Seguridad e Higiene

**Mantener el lugar de trabajo organizado es esencial para la eficiencia, seguridad e higiene- especialmente en ambientes con estrictas medidas de limpieza.**

El sistema de colgado con código de color de FBK está diseñado para asegurar una solución sistemática e higiénica para el almacenamiento de los utensilios de limpieza. Al usar los colgadores con código de color, las herramientas pueden organizarse fácilmente de acuerdo a la zona de trabajo, lo que minimiza riesgos de contaminación cruzada y asegura que el equipo siempre se guarde correctamente y permanezca de fácil acceso.

Para optimizar aún más el proceso de trabajo, muchas compañías eligen combinar el sistema de colgado de FBK con Shadow Boards, los cuales sirven como una herramienta visual de manejo para una mejor organización.

### Shadow Boards y el método 5S

Muchos negocios implementan Shadow Boards como parte del método 5S (en inglés), el cual se basa clasificar, sistematizar, limpiar sistemáticamente, estandarizar y auto disciplina. Al incorporar los Shadow Boards y el sistema de colgado de FBK a esta estructura, las compañías crean un espacio de trabajo donde todos los equipos tienen un lugar designado, lo que asegura altos niveles de orden, eficiencia y seguridad.

## Nøglen til effektivitet, sikkerhed og hygiejne

**At holde arbejdspladsen organiseret er afgørende for effektiviteten, sikkerhed og hygiejne - især i miljøer med strenge krav til krav til rengøring.**

FBK's farvekodede ophængningssystem er designet til at sikre en systematisk og hygiejnisk opbevaringsløsning til rengøringsudstyr. Ved at bruge farvekodede systemer kan redskaber nemt organiseres i henhold til arbejdszoner, minimerer risikoen for krydskontaminering og sikrer, at udstyret altid opbevares korrekt og forbliver let tilgængeligt.

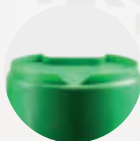
For yderligere at optimere arbejdsgangen vælger mange virksomheder at kombinere FBK's ophængningssystem med Shadow Boards, der fungerer som et visuelt styringsværktøj til forbedret organisering.

### Shadow Boards og 5S-metoden

Mange virksomheder implementerer Shadow Boards som en del af 5S-metoden, der er baseret på Sortering, Systematisering, Systematisk rengøring, Standardisering og Selvdisciplin. Ved at integrere Shadow Boards og FBK's ophængningssystem i denne struktur kan virksomheder skabe en arbejdsplads, hvor alt udstyr har en bestemt plads, hvilket sikrer en høj grad af orden, effektivitet og sikkerhed.

# Bucket & lid

The smartest  
bucket available!



## Functional, ergonomic and very hygienic:

- 15 and 9 Ltr. capacity. Inside graduations in Litres and UK/US Gallons
- Molded in food grade polypropylene
- Special designed pouring lip, heavy duty rim and storage function
- Hand-grip on back of bucket for easy pouring - big enough for gloved hands and high enough off floor to avoid scraping knuckles
- Strong, comfortable polypropylene handle
- Easy to clean – smooth surfaces, no internal or external sharp angles

## Funcional, ergonómica y muy higiénica:

- Gran capacidad de 15 L y 9 L. Con graduaciones en litros y galones al interior
- Fabricado en polipropileno de alto impacto, grado alimentario
- Con boquilla especialmente diseñada para verter, y función de almacenaje
- Agarradera en la parte trasera de la cubeta para un vertido fácil-lo suficientemente alta para evitar raspase los nudillos de la mano
- Asa de polipropileno fuerte y confortable
- Fácil de limpiar, sin ángulos internos ni externos

## Funktionel, ergonomisk og top hygiejnisk:

- 15 og 9 L volumen. Indvendig mål i Liter og UK/US Gallon. Produceret i FDA godkendt materiale
- Speciel designet hældekan, robustkant og ophængsfunktion
- Ekstra håndtag nederst på spanden gør det muligt at få fat uden at skrape knoerne
- Bekvemmelig og stærk hank i polypropylene
- Unikt hygiejnisk design – let rengørlig uden skarpe kanter



## Bucket / Cubeta / Spand

| ITEM nr. | SIZE (L) | DETAILS       | PACK | C°        | FEATURES | COLOURS                 |
|----------|----------|---------------|------|-----------|----------|-------------------------|
| 80102-   | 9 liter  | Polypropylene | ④    | 100° 120° | ①        | 1 2 3 4 5 6 7 8 9 11 12 |
| 80101-   | 15 liter | Polypropylene | ④    | 100° 120° | ①        | 1 2 3 4 5 6 7 8 9 11 12 |

① 100° Operating temp. / Temperatura de operación / Brugstemp.

② 120° Sterilisation temp. / Temperatura de esterilización / Sterilisationstemp.

③ PHB approved / PHB aprobado / PHB godkendt



## Lid for bucket / Tapa para cubeta / Låg til spand

| ITEM nr. | SIZE (L) | DETAILS       | PACK | C°        | FEATURES | COLOURS                 |
|----------|----------|---------------|------|-----------|----------|-------------------------|
| 80112-   | 9 liter  | Polypropylene | ④    | 100° 120° | ①        | 1 2 3 4 5 6 7 8 9 11 12 |
| 80111-   | 15 liter | Polypropylene | ④    | 100° 120° | ①        | 1 2 3 4 5 6 7 8 9 11 12 |

① 100° Operating temp. / Temperatura de operación / Brugstemp.

② 120° Sterilisation temp. / Temperatura de esterilización / Sterilisationstemp.

③ PHB approved / PHB aprobado / PHB godkendt

# Spatulas and scraper



## Stainless steel spatulas with PP handle

Espátulas de acero inoxidable con mango PP / Rustfri spartler med PP håndtag

| ITEM nr. | SIZE (mm) | DETAILS                              | PACK | C°        | FEATURES | COLOURS         |
|----------|-----------|--------------------------------------|------|-----------|----------|-----------------|
| 88040-   | 40 x 220  | Medium 1-0,5 mm, stainless steel 304 | (12) | 100° 120° |          | 1 2 3 4 5 7 8   |
| 88080-   | 80 x 220  | Medium 1-0,5 mm, stainless steel 304 | (12) | 100° 120° |          | 1 2 3 4 5 7 8   |
| 88100-   | 120 x 220 | Medium 1-0,5 mm, stainless steel 304 | (12) | 100° 120° |          | 1 2 3 4 5       |
| 88042-   | 40 x 220  | Stiff, 1 mm, stainless steel 304     | (12) | 100° 120° |          | 1 2 3 4 5 6 7 8 |
| 88082-   | 80 x 220  | Stiff, 1 mm, stainless steel 304     | (12) | 100° 120° |          | 1 2 3 4 5 6 7 8 |
| 88102-   | 120 x 220 | Stiff, 1 mm, stainless steel 304     | (12) | 100° 120° |          | 1 2 3 4 5 6 7 8 |

Flexible / Flexible / Fleksibel Stiff / Duro / Stiv Operating temp. / Temperatura de operación / Brugstemp.  
 Sterilisation temp. / Temperatura de esterilización / Sterilisationstemp. PHB approved / PHB aprobado / PHB godkendt



## Dough scraper / Espátula flexible / Dejskraber

| ITEM nr. | SIZE (mm)        | DETAILS                  | PACK | C°        | FEATURES | COLOURS         |
|----------|------------------|--------------------------|------|-----------|----------|-----------------|
| 81911-   | 146 x 98 x 1.65  | Polypropylene            | (20) | 100° 120° |          | 1 2 3 4 5 6 7 8 |
| 81916-   | 160 x 125 x 1.65 | Polypropylene            | (20) | 100° 120° |          | 1 2 3 4 5 6 7 8 |
| 81910-   | 146 x 98 x 1.65  | With hole, Polypropylene | (20) | 100° 120° |          | 1 2 3 4 5 6 7 8 |
| 81915-   | 160 x 125 x 1.65 | With hole, Polypropylene | (20) | 100° 120° |          | 1 2 3 4 5 6 7 8 |

Operating temp. / Temperatura de operación / Brugstemp. Sterilisation temp. / Temperatura de esterilización / Sterilisationstemp.  
 PHB approved / PHB aprobado / PHB godkendt





**82900-**  
**Ergo. spatula**  
Espátula ergonómica  
Ergonomisk spartel

With 2 working sides.  
Con dos lados funcionales.  
Med 2 arbejdsider.



## Ergo. spatula / Espátula ergonómica / Ergonomisk spartel

| ITEM nr.                                                                                                                                     | SIZE (mm) | DETAILS       | PACK | C°        | FEATURES | COLOURS         |
|----------------------------------------------------------------------------------------------------------------------------------------------|-----------|---------------|------|-----------|----------|-----------------|
| 82900-                                                                                                                                       | 100 x 240 | Polypropylene | (12) | 100° 120° |          | 1 2 3 4 5 11 12 |
| Operating temp. / Temperatura de operación / Brugstemp.            Sterilisation temp. / Temperatura de esterilización / Sterilisationstemp. |           |               |      |           |          |                 |
| PHB approved / PHB aprobado / PHB godkendt                                                                                                   |           |               |      |           |          |                 |



**81900-**  
**Ergo. scraper**  
Espátula ergonómica  
Ergonomisk skraber

With 3 working sides, every angle is covered in one spatula.  
Con 3 lados funcionales, cada ángulo es cubierto por una espátula.  
Med 3 arbejdsider er alle vinkler dækket af en skraber.



## Ergo. scraper / Espátula ergonómica / Ergonomisk spartel

| ITEM nr.                                                                                                                                     | SIZE (mm) | DETAILS       | PACK | C°        | FEATURES | COLOURS   |
|----------------------------------------------------------------------------------------------------------------------------------------------|-----------|---------------|------|-----------|----------|-----------|
| 81900-                                                                                                                                       | 200 x 125 | Polypropylene | (12) | 100° 120° |          | 1 2 3 4 5 |
| Operating temp. / Temperatura de operación / Brugstemp.            Sterilisation temp. / Temperatura de esterilización / Sterilisationstemp. |           |               |      |           |          |           |
| PHB approved / PHB aprobado / PHB godkendt                                                                                                   |           |               |      |           |          |           |



## Spatulas / Espátulas ergonómicas / Spartler

| ITEM nr.                                                                                                                                     | SIZE (mm) | DETAILS       | PACK | C°        | FEATURES | COLOURS                 |
|----------------------------------------------------------------------------------------------------------------------------------------------|-----------|---------------|------|-----------|----------|-------------------------|
| 82904-                                                                                                                                       | 75 x 250  | Polypropylene | (12) | 100° 120° |          | 1 2 3 4 5               |
| 15109-                                                                                                                                       | 110 x 250 | Polypropylene | (12) | 100° 120° |          | 1 2 3 4 5 6 7 8 9 11 12 |
| Operating temp. / Temperatura de operación / Brugstemp.            Sterilisation temp. / Temperatura de esterilización / Sterilisationstemp. |           |               |      |           |          |                         |
| PHB approved / PHB aprobado / PHB godkendt                                                                                                   |           |               |      |           |          |                         |

# Wall hanging system

Get a firm grip on utensil storage - storage systems designed to work



**15164-  
Hooks**  
Gancho  
Kroge

Hooks pointed against the wall, for safety reason.  
Los ganchos apuntan contra la pared, por razones de seguridad.  
For sikkerhed peger kroge ind mod væg.



## Wall bracket with hooks Portautensilios de acero / Rustfri stålophæng med kroge

| ITEM nr. | SIZE (mm) | DETAILS                                     | PACK                    |
|----------|-----------|---------------------------------------------|-------------------------|
| 15160    | 415       | FBK logo, 4 x hook / 4 x gancho / 4 x kroge | Stainless steel 304 (1) |
| 15161    | 415       | Neutral, 4 x hook / 4 x gancho / 4 x kroge  | Stainless steel 304 (1) |
| 15164    | 580       | FBK logo, 6 x hook / 6 x gancho / 6 x kroge | Stainless steel 304 (1) |
| 15165    | 580       | Neutral, 6 x hook / 6 x gancho / 6 x kroge  | Stainless steel 304 (1) |



## Wall holder sets Sistema organizador de utensilios para pared / Ophængssystem

| ITEM nr. | SIZE (mm) | DETAILS           | PACK | C°        | COLOURS                 |
|----------|-----------|-------------------|------|-----------|-------------------------|
| 15158-   | 300       | 2 small           | 10   | 100° 120° | 1 2 3 4 5 6 7 8 9 11 12 |
| 15155-   | 500       | 2 small + 1 large | 10   | 100° 120° | 1 2 3 4 5 6 7 8 9 11 12 |
| 15157-   | 900       | 3 small + 2 large | 10   | 100° 120° | 1 2 3 4 5 6 7 8 9 11 12 |

100° Operating temp. / Temperatura de operación / Brugstemp.

120° Sterilisation temp. / Temperatura de esterilización / Sterilisationstemp.



## Single aluminium rails / Riel de aluminio / Aluminiumsskinne uden ophæng

| ITEM nr. | SIZE (mm) | DETAILS | PACK | C°        | COLOURS                 |
|----------|-----------|---------|------|-----------|-------------------------|
| 15156-   | 300       |         | 10   | 100° 120° | 1 2 3 4 5 6 7 8 9 11 12 |
| 15154-   | 500       |         | 10   | 100° 120° | 1 2 3 4 5 6 7 8 9 11 12 |
| 15153-   | 900       |         | 10   | 100° 120° | 1 2 3 4 5 6 7 8 9 11 12 |

100° Operating temp. / Temperatura de operación / Brugstemp.

120° Sterilisation temp. / Temperatura de esterilización / Sterilisationstemp.



## Articles for wall holder sets Artículos para sistema organizador / Tilbehør til ophængssystem

| ITEM nr. | SIZE (mm) | DETAILS             | PACK | C°        | COLOURS                 |
|----------|-----------|---------------------|------|-----------|-------------------------|
| 15150-   | ø 22-32   | Singel clip, small  | 12   | 100° 120° | 1 2 3 4 5 6 7 8 9 11 12 |
| 15151-   | ø 28-38   | Single clip, large  | 12   | 100° 120° | 1 2 3 4 5 6 7 8 9 11 12 |
| 80000-   | 60 x 50   | Wallhook            | 12   | 100° 120° | 1 2 3 4 5 6 7 8 9 11 12 |
| 80002-   | 110 x 75  | Sign board          | 12   | 100° 120° | 1 2 3 4 5 6 7 8 9 11 12 |
| 80005-   |           | Replacement end cap | 12   | 100° 120° | 1 2 3 4 5 6 7 8 9 11 12 |

100° Operating temp. / Temperatura de operación / Brugstemp.

120° Sterilisation temp. / Temperatura de esterilización / Sterilisationstemp.

# Detectable range



**METAL + X-RAY**  
DETECTABLE + DETECTABLE



A range of sweepers and hand brushes where both brush bloc and filaments are fully detectable.

Una gama de escobas y cepillos de mano donde tanto el bloque del cepillo como las cerdas son totalmente detectables.

Sortiment af fejekoste og håndbørster hvor både krop og filamenter er detekterbare.

A range of one-piece molded articles as: Spatulas, scraber with rubber, bucket, hand-scoops, shovels and dustpan.

Una gama de artículos moldeados en una sola pieza, como espátulas, cepillos flexibles, cubetas, cucharones, palas y recogedores.

Sortiment af fuldstøbte produkter: Spartler, skabere med gummi, spande, håndskovle, skovle og fejebakker.

A range of sweepers and handbrushes which only the filaments are detectable, not the brush bloc.

Una gama de escobas y cepillos de mano en los que el bloque del cepillo no es detectable, pero sí las cerdas.

Sortiment af fejekoste og håndbørster hvor kun filamenter er detekterbare.



### FBK has two detectable options

- A fully detectable range, where the complete item is detectable. This is for industries that want to ensure that production achieves a secure process at an extra high level.
- A range where only the filaments are detectable

### Detectable products to prevent serious consequences

- Food safety requirements are more demanding than ever and certain standards, (e.g. BRC) require detectable products to be used in food and beverage production as mandatory. Poor product management and subsequent lax controls can have serious consequences. Financial losses and recalls due to foreign objects in finished product can create bad publicity and position your brand as unprofessional and unreliable.

### Detectable product testing (see page 66)

- We have tested various block and rubber pieces from several detectable products in various sizes and brushware filaments. The various block and rubber pieces are from fully moulded handle, dough scraper and squeegees with detectable rubber.
- The detectability test is checked on the LOMA SYSTEMS detector model IQ3ST, with different settings - frequency, angle phase and threshold. Size of the inspection window 350 x 750mm repeats on all products.
- In all tests, detectable samples are placed inside different brand product packages to achieve the most realistic result.
- Detectable product manufacturing is a complicated process. The composition of the materials that make the product detectable can make filaments less flexible. Rubber and full moulded items can become fragile over time.

*Please note: FBK is not responsible for any test or production/machine failures.*

### FBK tiene dos opciones detectables

- Una gama totalmente detectable, donde todo el artículo es detectable. Esta opción es para industrias que desean garantizar un alto nivel de seguridad en su producción
- Una gama donde sólo las cerdas son detectables

### Los productos detectables pueden prevenir consecuencias catastróficas

- Los requerimientos de seguridad alimentaria son más estrictos que nunca, con mas estándares (ej. BRC) que requieren el uso de productos detectables en la producción de alimentos y bebidas como un requerimiento obligatorio. Un pobre manejo y posterior mal control puede tener enormes consecuencias. Pérdidas financieras debido a objetos extraños crearán mala publicidad y posicionarán a tu marca como poco profesional y no confiable.

### Pruebas de productos detectables (ver página 66)

- Pruebas de detectabilidad de los cepillos FBK con filamentos 0,35mm/0,60 mm, raspadores y jaladores con goma detectable.
- Toda detectabilidad es revisada en el detector LOMA SYSTEMS, modelo IQ3ST, con diferentes ajustes. Frecuencia, ángulo, pase y umbral. El tamaño de la ventana de inspección es de 350 x 700 mm se repite en todos nuestros productos.
- Durante las pruebas, todos los contaminantes fueron puestos dentro del paquete junto con el producto, en varias posiciones.
- Por favor note que FBK sólo es responsable de sus propias pruebas.
- La manufactura de productos detectables es un proceso complicado. La composición de materiales que hacen al producto detectable puede hacer que los filamentos no sean tan flexibles. La goma y los artículos completamente amoldados pueden volverse frágiles con el tiempo.

*Por favor considere: FBK no es responsable por ninguna prueba o producción/máquina fallida*

### FBK har to detekterbare sortimenter

- Et fuldt detekterbar sortiment, hvor hele produktet kan detekteres. Dette er for industrier, der ønsker at sikre, at produktionen opnår en sikker proces på ekstra et højt niveau.
- Et detekterbar sortiment, hvor kun filamenterne er detekterbare.

### Detekterbare produkter kan forhindre alvorlige konsekvenser

- Kravene til fødevarer sikkerhed er mere krævende end nogensinde, og visse standarder (e.g. BRC) kræver obligatorisk detekterbare produkter i fødevarer- og bryggeri industrien. Dårlig produktstyring og efterfølgende kvalitets kontrol kan få alvorlige konsekvenser. Tilbagekaldelser af produkter på grund af fundne uidentificerede genstande kan have store finansielle omkostninger og samtidig positionere et firma/brand som uprofessionelt og upålideligt.

### Test af detekterbare produkter (se side 66)

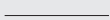
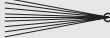
- Vi har testet forskellige blok- og gummistykker fra flere detekterbare produkter i forskellige størrelser samt børste filamenter. De forskellige blok- og gummistykker er fra fuldstøbt skaft, dejskraber og skraber med detekterbar gummi.
- Detekterings tests er lavet på LOMA SYSTEMS-detektormodellen IQ3ST med forskellige indstillinger - frekvens, vinkelfase og afgrænsning. Størrelsen af inspektionsvinduet 350x750mm og gentages på alle produkter.
- I alle tests placeres detekterbar prøver indeni forskellige mærkevare pakker for at opnå det mest realistiske resultat.
- Detekterbar produkt fremstilling er en kompliceret proces. Sammensætningen af de materialer, der gør produktet detekterbar, gør filamenter mindre fleksible. Gummi og fuldstøbte emner kan blive skrøbelige over tid.

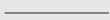
*Bemærk: FBK er ikke ansvarlig for test- eller produktions-/maskinefejl.*

# Detectable tests

|                               | Program Chicken filet | Program Sausages | Program Creamcheese | Program Marshmallow | Program Pastanoddles | Program Frozen strawberries |
|-------------------------------|-----------------------|------------------|---------------------|---------------------|----------------------|-----------------------------|
| Frequency                     | 231kHz                | 231kHz           | 348kHz              | 348kHz              | 348kHz               | 348kHz                      |
| Size of the inspection window | 75 x 350 mm           |                  |                     |                     |                      |                             |
| Angle phase                   | 32,7                  | 54,2             | 19,7                | - 85,8              | -85,1                | -66,4                       |
| Threshold                     | 3275                  | 3900             | 3460                | 500                 | 320                  | 900                         |

## Detectable filament sample size measured in mm.

| Filament dimension Ø 0,35 mm                                                      | Program Chicken filet | Program Sausages | Program Creamcheese | Program Marshmallow | Program Pastanoddles | Program Frozen strawberries |
|-----------------------------------------------------------------------------------|-----------------------|------------------|---------------------|---------------------|----------------------|-----------------------------|
|  | No                    | No               | No                  | Yes                 | Yes                  | No                          |
|  | Yes/No                | No               | No                  | Yes                 | Yes                  | Yes/No                      |
|  | Yes                   | Yes/No           | Yes/No              | Yes                 | Yes                  | Yes                         |
|  | Yes                   | Yes              | Yes                 | Yes                 | Yes                  | Yes                         |

| Filament dimension Ø 0,60 mm                                                      | Program Chicken filet | Program Sausages | Program Creamcheese | Program Marshmallow | Program Pastanoddles | Program Frozen strawberries |
|-----------------------------------------------------------------------------------|-----------------------|------------------|---------------------|---------------------|----------------------|-----------------------------|
|  | Yes/No                | No               | No                  | Yes                 | Yes                  | Yes/No                      |
|  | Yes                   | Yes/No           | Yes/No              | Yes                 | Yes                  | Yes                         |
|  | Yes                   | Yes              | Yes                 | Yes                 | Yes                  | Yes                         |
|  | Yes                   | Yes              | Yes                 | Yes                 | Yes                  | Yes                         |

## Detectable block sample size measured in mm.

| Block dimension                                                                                       | Program Chicken filet | Program Sausages | Program Creamcheese | Program Marshmallow | Program Pastanoddles | Program Frozen strawberries |
|-------------------------------------------------------------------------------------------------------|-----------------------|------------------|---------------------|---------------------|----------------------|-----------------------------|
| 5 x 5 x 2 mm<br>   | Yes/No                | No               | Yes/No              | Yes                 | Yes                  | Yes                         |
| 10 x 10 x 2 mm<br> | Yes                   | Yes              | Yes                 | Yes                 | Yes                  | Yes/No                      |
| 10 x 20 x 2 mm<br> | Yes                   | Yes              | Yes                 | Yes                 | Yes                  | Yes                         |

## Detectable rubber sample size measured in mm.

| Rubber dimension                                                                                     | Program Chicken filet | Program Sausages | Program Creamcheese | Program Marshmallow | Program Pastanoddles | Program Frozen strawberries |
|------------------------------------------------------------------------------------------------------|-----------------------|------------------|---------------------|---------------------|----------------------|-----------------------------|
| 3 x 3 x 3 mm<br>  | No                    | No               | No                  | Yes/No              | Yes                  | No                          |
| 6 x 4 x 3 mm<br>  | Yes                   | Yes              | Yes                 | Yes                 | Yes                  | Yes                         |
| 10 x 7 x 3 mm<br> | Yes                   | Yes              | Yes                 | Yes                 | Yes                  | Yes                         |

# Fully detectable products



76025

## Tank brush / Cepillo de tanque / Tankbørster

| ITEM nr.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | SIZE (mm) | DETAILS            | PACK | C°       | ↓  | FEATURES                                                                                                                                                               | COLOURS |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------------------|------|----------|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| 76025-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 210 x 140 | Polyester PBT 0.35 | 6    | 50° 120° | 40 |   | 2 3     |
|  Medium / Medio / Medium  Operating temp. / Temperatura de operación / Brugstemp.  120° Sterilisation temp. / Temperatura de esterilización / Sterilisationtemp.  PHB approved / PHB aprobado / PHB godkendt |           |                    |      |          |    |                                                                                                                                                                        |         |



76147

## Upright sweeper / Escoba recta / Fejekost

| ITEM nr.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | SIZE (mm) | DETAILS            | PACK | C°       | ↓  | FEATURES                                                                                                                                                                   | COLOURS |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------------------|------|----------|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| 76147 -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 280 x 48  | Polyester PBT 0.35 | 6    | 50° 120° | 70 |   | 2 3     |
|  Medium / Medio / Medium  Operating temp. / Temperatura de operación / Brugstemp.  120° Sterilisation temp. / Temperatura de esterilización / Sterilisationtemp.  PHB approved / PHB aprobado / PHB godkendt |           |                    |      |          |    |                                                                                                                                                                            |         |



76163

## Sweeper / Escoba / Fejekoste

| ITEM nr.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | SIZE (mm) | DETAILS            | PACK | C°       | ↓  | FEATURES                                                                                                                                                                   | COLOURS |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------------------|------|----------|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| 76163-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 400 x 50  | Polyester PBT 0.35 | 6    | 50° 120° | 55 |   | 2 3     |
|  Medium / Medio / Medium  Operating temp. / Temperatura de operación / Brugstemp.  120° Sterilisation temp. / Temperatura de esterilización / Sterilisationtemp.  PHB approved / PHB aprobado / PHB godkendt |           |                    |      |          |    |                                                                                                                                                                            |         |

# Fully detectable products



76252

**Bannister brush**  
Cepillo panadero / Håndkoste

| ITEM nr. | SIZE (mm) | DETAILS            | PACK | C°       | ↑  | FEATURES | COLOURS   |
|----------|-----------|--------------------|------|----------|----|----------|-----------|
| 76252-   | 340 x 35  | Polyester PBT 0.35 | 10   | 80° 120° | 55 |          | 1 2 3 4 5 |
| 76255-   | 340 x 35  | Polyester PBT 0.60 | 10   | 80° 120° | 55 |          | 1 2 3 4 5 |

Medium / Medio / Medium   
 Stiff / Duro / Stiv   
 Operating temp. / Temperatura de operación / Brugstemp.   
 Sterilisation temp. / Temperatura de esterilización / Sterilisationtemp.   
 PHB approved / PHB aprobado / PHB godkendt



**Tube brushes** / Escobillones / Rensere, alm

| ITEM nr. | SIZE (mm)       | DETAILS            | PACK | C°       | FEATURES | COLOURS |
|----------|-----------------|--------------------|------|----------|----------|---------|
| 76752-   | Ø20 x 150 x 500 | Polyester PBT 0.35 | 12   | 80° 120° |          | 2       |
| 76754-   | Ø30 x 150 x 500 | Polyester PBT 0.35 | 12   | 80° 120° |          | 2       |
| 76756-   | Ø40 x 150 x 500 | Polyester PBT 0.35 | 12   | 80° 120° |          | 2       |
| 76759-   | Ø60 x 150 x 500 | Polyester PBT 0.60 | 12   | 80° 120° |          | 2       |

Medium / Medio / Medium   
 Stiff / Duro / Stiv   
 Operating temp. / Temperatura de operación / Brugstemp.   
 Sterilisation temp. / Temperatura de esterilización / Sterilisationtemp.   
 PHB approved / PHB aprobado / PHB godkendt





76546

**Churn brush**

Cepillo de mano, ancho / Spandebørste, alm.

| ITEM nr. | SIZE (mm) | DETAILS            | PACK | C°       | ‡  | FEATURES                                                                                                                                                             | COLOURS                                                                                                                                                                                                                                                                                                                                         |
|----------|-----------|--------------------|------|----------|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 76546-   | 275 x 70  | Polyester PBT 0.35 | 6    | 80° 120° | 55 |   |     |
| 76548-   | 275 x 70  | Polyester PBT 0.60 | 6    | 80° 120° | 55 |   |     |

 Medium / Medio / Medium   
  Stiff / Duro / Stiv   
  Operating temp. / Temperatura de operación / Brugstemp.

 120° Sterilisation temp. / Temperatura de esterilización / Sterilisationtemp.   
  PHB approved / PHB aprobado / PHB godkendt



76126

**Flour brush / Cepillo para harina / Melbørste**

| ITEM nr. | SIZE (mm) | DETAILS            | PACK | C°       | ‡  | FEATURES                                                                                                                                                                 | COLOURS                                                                                                                                                                     |
|----------|-----------|--------------------|------|----------|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 76126-   | 300 x 20  | Polyester PBT 0.35 | 12   | 80° 120° | 70 |   |   |

 Medium / Medio / Medium   
  Operating temp. / Temperatura de operación / Brugstemp.

 120° Sterilisation temp. / Temperatura de esterilización / Sterilisationtemp.   
  PHB approved / PHB aprobado / PHB godkendt



76155

**Cutter brush / Cepillo angosto para maquinaria / Knivbørste**

| ITEM nr. | SIZE (mm)  | DETAILS            | PACK | C°       | ‡  | FEATURES                                                                                                                                                                 | COLOURS                                                                                                                                                                     |
|----------|------------|--------------------|------|----------|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 76155-   | 510 x Ø100 | Polyester PBT 0.60 | 6    | 80° 120° | 55 |   |   |

 Stiff / Duro / Stiv   
  Operating temp. / Temperatura de operación / Brugstemp.

 120° Sterilisation temp. / Temperatura de esterilización / Sterilisationtemp.   
  PHB approved / PHB aprobado / PHB godkendt

# Fully detectable products



**Buckets and jug**  
Cubetas y jarras / Spand og kande

| ITEM nr. | SIZE (L) | DETAILS       | PACK | C°       | FEATURES | COLOURS   |
|----------|----------|---------------|------|----------|----------|-----------|
| 70102-   | 9 liter  | Polypropylene | 4    | 80° 120° |          | 2 3 4 5   |
| 70101-   | 15 liter | Polypropylene | 4    | 80° 120° |          | 2 3 4 5   |
| 70122-   | 2 litre  | Polypropylene | 12   | 80° 120° |          | 1 2 3 4 5 |

## Lid for buckets / Tapa para cubeta / Låg til spand

| ITEM nr. | SIZE (L) | DETAILS       | PACK | C°       | FEATURES | COLOURS |
|----------|----------|---------------|------|----------|----------|---------|
| 70112-   | 9 liter  | Polypropylene | 4    | 80° 120° |          | 2 3 4 5 |
| 70111-   | 15 liter | Polypropylene | 4    | 80° 120° |          | 2 3 4 5 |

Operating temp. / Temperatura de operación / Brugstemp. Sterilisation temp. / Temperatura de esterilización / Sterilisationtemp.  
 PHB approved / PHB aprobado / PHB godkendt



**One-piece paddle**  
Pala de una pieza / Fuldstøbt omrører

| ITEM nr. | SIZE (mm)    | DETAILS       | PACK | C°       | FEATURES | COLOURS |
|----------|--------------|---------------|------|----------|----------|---------|
| 75110-   | 1135 x Ø 167 | Polypropylene | 6    | 80° 120° |          | 2       |
| 75111-   | 1135 x Ø 167 | Polypropylene | 6    | 80° 120° |          | 2       |

Operating temp. / Temperatura de operación / Brugstemp. Sterilisation temp. / Temperatura de esterilización / Sterilisationtemp.  
 PHB approved / PHB aprobado / PHB godkendt



78243

## Hand squeegee / Jalador de mano / Håndskraber

| ITEM nr. | SIZE (mm) | DETAILS                   | PACK | C°       | FEATURES | COLOURS |
|----------|-----------|---------------------------|------|----------|----------|---------|
| 78243-   | 300       | Polypropylene, TPE rubber | 6    | 80° 120° | PHB      | 2       |

80° Operating temp. / Temperatura de operación / Brugstemp.

120° Sterilisation temp. / Temperatura de esterilización / Sterilisationstemp.

PHB approved / PHB aprobado / PHB godkendt



76600

## Squeegees / Jalador / Skraber

| ITEM nr. | SIZE (mm) | DETAILS                   | PACK | C°       | FEATURES | COLOURS |
|----------|-----------|---------------------------|------|----------|----------|---------|
| 76400-   | 400       | Polypropylene, TPE rubber | 6    | 80° 120° | PHB      | 2       |
| 76600-   | 600       | Polypropylene, TPE rubber | 6    | 80° 120° | PHB      | 2       |

80° Operating temp. / Temperatura de operación / Brugstemp.

120° Sterilisation temp. / Temperatura de esterilización / Sterilisationstemp.

PHB approved / PHB aprobado / PHB godkendt



76904

## Ergonomic one piece handle Mango ergonómico de una pieza / Fuldstøbt ergonomisk skaft

| ITEM nr. | SIZE (mm) | DETAILS       | PACK | C°       | FEATURES | COLOURS |
|----------|-----------|---------------|------|----------|----------|---------|
| 76904-   | 1500 x 32 | Polypropylene | 6    | 80° 120° | PHB      | 2       |

80° Operating temp. / Temperatura de operación / Brugstemp.

120° Sterilisation temp. / Temperatura de esterilización / Sterilisationstemp.

PHB approved / PHB aprobado / PHB godkendt

# Fully detectable products



**Large hand scoop** / Pala de mano / Stor håndskovl

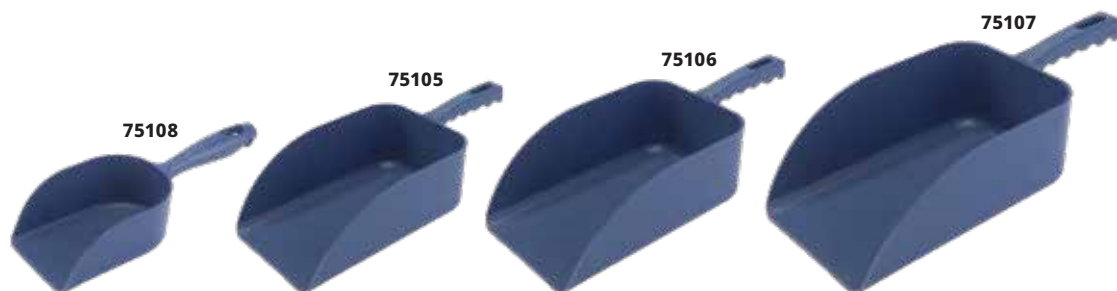
| ITEM nr.                                                                                                                                                                                                                                         | SIZE (mm)       | DETAILS       | PACK | C°       | FEATURES | COLOURS |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|---------------|------|----------|----------|---------|
| 70305-                                                                                                                                                                                                                                           | 270 x 320 x 540 | Polypropylene | 6    | 80° 120° | PHB      | 2 3 4 5 |
| <div> <div> 80°<br/>Operating temp. / Temperatura de operación / Brugstemp. </div> <div> 120°<br/>Sterilisation temp. / Temperatura de esterilización / Sterilisationtemp. </div> <div> PHB approved / PHB aprobado / PHB godkendt </div> </div> |                 |               |      |          |          |         |

## Ergonomic one-piece shovels

Palas ergonómicas de una pieza, mango largo / Ergonomisk skovle

| ITEM nr.                                                                                                                                                                                                                                         | SIZE (mm)        | DETAILS       | PACK | C°       | FEATURES | COLOURS |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|---------------|------|----------|----------|---------|
| 74103-                                                                                                                                                                                                                                           | 270 x 340 x 1120 | Polypropylene | 6    | 80° 120° | PHB      | 2 3     |
| 74104-                                                                                                                                                                                                                                           | 330 x 380 x 1120 | Polypropylene | 6    | 80° 120° | PHB      | 2 3     |
| 75103-                                                                                                                                                                                                                                           | 270 x 340 x 1330 | Polypropylene | 6    | 80° 120° | PHB      | 2 3     |
| 75104-                                                                                                                                                                                                                                           | 330 x 380 x 1330 | Polypropylene | 6    | 80° 120° | PHB      | 2 3     |
| <div> <div> 80°<br/>Operating temp. / Temperatura de operación / Brugstemp. </div> <div> 120°<br/>Sterilisation temp. / Temperatura de esterilización / Sterilisationtemp. </div> <div> PHB approved / PHB aprobado / PHB godkendt </div> </div> |                  |               |      |          |          |         |





## Hand scoops / Cucharones / Håndskovle

| ITEM nr. | SIZE (mm) | INSIDE (mm) | DETAILS | PACK | C°       | FEATURES | COLOURS   |
|----------|-----------|-------------|---------|------|----------|----------|-----------|
| 75108-   | 85 x 210  | 110         | 250 g   | (10) | 80° 120° |          | 1 2 3 4 5 |
| 75105-   | 110 x 265 | 150         | 500 g   | (10) | 80° 120° |          | 1 2 3 4 5 |
| 75106-   | 135 x 310 | 185         | 750 g   | (10) | 80° 120° |          | 1 2 3 4 5 |
| 75107-   | 160 x 360 | 310         | 1000 g  | (10) | 80° 120° |          | 1 2 3 4 5 |

Operating temp. / Temperatura de operación / Brugstemp.

Sterilisation temp. / Temperatura de esterilización / Sterilisationstemp.

PHB approved / PHB aprobado / PHB godkendt



## Dustpan / Recogedor de mano / Fejebblad

| ITEM nr. | SIZE (mm) | DETAILS       | PACK | C°       | FEATURES | COLOURS |
|----------|-----------|---------------|------|----------|----------|---------|
| 70301-   | 300 x 310 | Polypropylene | (6)  | 80° 120° |          | 2 3 4 5 |

Operating temp. / Temperatura de operación / Brugstemp.

Sterilisation temp. / Temperatura de esterilización / Sterilisationstemp.

PHB approved / PHB aprobado / PHB godkendt

## Dustpan fits to bannister brush, metal

Recogedor que encaja con el cepillo panadero, metal / Fejebblad, passer til støvkost

| ITEM nr. | SIZE (mm) | DETAILS       | PACK | C°       | FEATURES | COLOURS |
|----------|-----------|---------------|------|----------|----------|---------|
| 70302-   | 300 x 310 | Polypropylene | (6)  | 80° 120° |          | 1       |

Operating temp. / Temperatura de operación / Brugstemp.

Sterilisation temp. / Temperatura de esterilización / Sterilisationstemp.

PHB approved / PHB aprobado / PHB godkendt

# Fully detectable products



## Stainless steel spatulas with PP handle

Espátulas de acero inoxidable con mango PP / Rustfri spartler med PP håndtag

| ITEM nr. | SIZE (mm) | DETAILS                          | PACK | C°       | FEATURES | COLOURS   |
|----------|-----------|----------------------------------|------|----------|----------|-----------|
| 78042-   | 40 x 220  | Stiff, 1 mm, stainless steel 304 | 12   | 80° 120° |          | 1 2 3 4 5 |
| 78082-   | 80 x 220  | Stiff, 1 mm, stainless steel 304 | 12   | 80° 120° |          | 1 2 3 4 5 |
| 78102-   | 120 x 220 | Stiff, 1 mm, stainless steel 304 | 12   | 80° 120° |          | 1 2 3 4 5 |

Stiff / Duro / Stiv

Operating temp. / Temperatura de operación / Brugstemp.

Sterilisation temp. / Temperatura de esterilización / Sterilisationstemp.

PHB approved / PHB aprobado / PHB godkendt

71916



71911



71915



71910



## Dough scraper / Espátula flexible / Dejskraber

| ITEM nr. | SIZE (mm)        | DETAILS                  | PACK | C°       | FEATURES | COLOURS |
|----------|------------------|--------------------------|------|----------|----------|---------|
| 71911-   | 146 x 98 x 1.65  | Polypropylene            | 20   | 80° 120° |          | 2 3 4 5 |
| 71916-   | 160 x 125 x 1.65 | Polypropylene            | 20   | 80° 120° |          | 2 3 4 5 |
| 71910-   | 146 x 98 x 1.65  | With hole, Polypropylene | 20   | 80° 120° |          | 2 3 4 5 |
| 71915-   | 160 x 125 x 1.65 | With hole, Polypropylene | 20   | 80° 120° |          | 2 3 4 5 |

Operating temp. / Temperatura de operación / Brugstemp.

Sterilisation temp. / Temperatura de esterilización / Sterilisationstemp.

PHB approved / PHB aprobado / PHB godkendt



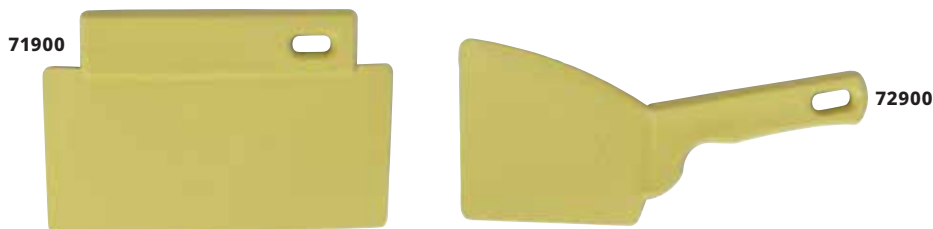
## Paddle scraper blade / Pala para ajustar a mango / Paddelskraberblad

| ITEM nr.                                                                                                                                                                                                                                                    | SIZE (mm) | DETAILS       | PACK | C°       | FEATURES | COLOURS |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|---------------|------|----------|----------|---------|
| 78290-                                                                                                                                                                                                                                                      | 112 x 235 | Polypropylene | (12) | 80° 120° |          | 2       |
| Flexible / Flexible / Fleksibel               Operating temp. / Temperatura de operación / Brugstemp.               120° Sterilisation temp. / Temperatura de esterilización / Sterilisationstemp.               PHB approved / PHB aprobado / PHB godkendt |           |               |      |          |          |         |



## Spatulas / Espátulas / Spartler

| ITEM nr.                                                                                                                                                                                                      | SIZE (mm) | DETAILS       | PACK | C°       | FEATURES | COLOURS   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|---------------|------|----------|----------|-----------|
| 72904-                                                                                                                                                                                                        | 75 x 250  | Polypropylene | (12) | 80° 120° |          | 2 3 4 5   |
| 75109-                                                                                                                                                                                                        | 110 x 250 | Polypropylene | (12) | 80° 120° |          | 1 2 3 4 5 |
| Operating temp. / Temperatura de operación / Brugstemp.               120° Sterilisation temp. / Temperatura de esterilización / Sterilisationstemp.               PHB approved / PHB aprobado / PHB godkendt |           |               |      |          |          |           |



## Ergo. scraper / Espátula ergonómica / Ergonomisk spartel

| ITEM nr.                                                                                                                                                                                                      | SIZE (mm) | DETAILS       | PACK | C°       | FEATURES | COLOURS |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|---------------|------|----------|----------|---------|
| 71900-                                                                                                                                                                                                        | 200 x 125 | Polypropylene | (12) | 80° 120° |          | 2 3 4 5 |
| Operating temp. / Temperatura de operación / Brugstemp.               120° Sterilisation temp. / Temperatura de esterilización / Sterilisationstemp.               PHB approved / PHB aprobado / PHB godkendt |           |               |      |          |          |         |

## Ergo. spatula / Espátula ergonómica / Ergonomisk spartel

| ITEM nr.                                                                                                                                                                                                      | SIZE (mm) | DETAILS       | PACK | C°       | FEATURES | COLOURS |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|---------------|------|----------|----------|---------|
| 72900-                                                                                                                                                                                                        | 100 x 240 | Polypropylene | (12) | 80° 120° |          | 2 3 4 5 |
| Operating temp. / Temperatura de operación / Brugstemp.               120° Sterilisation temp. / Temperatura de esterilización / Sterilisationstemp.               PHB approved / PHB aprobado / PHB godkendt |           |               |      |          |          |         |

# Detectable products



A range where only the filaments are detectable



## Hand scrub brush / Cepillos de mano / Skurebørste

| ITEM nr.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | SIZE (mm) | DETAILS            | PACK | C°       | ↓  | FEATURES                                                                                                                                                                 | COLOURS |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------------------|------|----------|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| 75063-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 210 x 70  | Polyester PBT 0.60 | 12   | 80° 120° | 40 |   | 2       |
| <div>  Stiff / Duro / Stiv            Operating temp. / Temperatura de operación / Brugstemp.         </div> <div>  Sterilisation temp. / Temperatura de esterilización / Sterilisationstemp.            PHB approved / PHB aprobado / PHB godkendt         </div> |           |                    |      |          |    |                                                                                                                                                                          |         |





**Long wide utility Brush**  
Cepillo multiusos ancho con mango largo / Bred spandebørste m/langt skaft

| ITEM nr. | SIZE (mm) | DETAILS            | PACK | C°       | ↓  | FEATURES | COLOURS |
|----------|-----------|--------------------|------|----------|----|----------|---------|
| 70232-   | 410 x 55  | Polyester PBT 0.35 | 10   | 80° 120° | 55 |          | 2       |
| 70233-   | 410 x 55  | Polyester PBT 0.60 | 10   | 80° 120° | 55 |          | 2       |

Medium / Medio / Medium   
 Stiff / Duro / Stiv   
 Operating temp. / Temperatura de operación / Brugstemp.  
 Sterilisation temp. / Temperatura de esterilización / Sterilisationtemp.   
 PHB approved / PHB aprobado / PHB godkendt



**Bannister brush**  
Cepillo panadero / Håndkost

| ITEM nr. | SIZE (mm) | DETAILS            | PACK | C°       | ↓  | FEATURES | COLOURS |
|----------|-----------|--------------------|------|----------|----|----------|---------|
| 70252-   | 340 x 35  | Polyester PBT 0.35 | 10   | 80° 120° | 55 |          | 2       |
| 70255-   | 340 x 35  | Polyester PBT 0.60 | 10   | 80° 120° | 55 |          | 2       |

Medium / Medio / Medium   
 Stiff / Duro / Stiv   
 Operating temp. / Temperatura de operación / Brugstemp.  
 Sterilisation temp. / Temperatura de esterilización / Sterilisationtemp.   
 PHB approved / PHB aprobado / PHB godkendt



**Churn brush**  
Cepillos de mano con mango / Spandebørste, alm.

| ITEM nr. | SIZE (mm) | DETAILS            | PACK | C°       | ↓  | FEATURES | COLOURS |
|----------|-----------|--------------------|------|----------|----|----------|---------|
| 70546-   | 275 x 70  | Polyester PBT 0.35 | 6    | 80° 120° | 55 |          | 2       |
| 70548-   | 275 x 70  | Polyester PBT 0.60 | 6    | 80° 120° | 55 |          | 2       |

Medium / Medio / Medium   
 Stiff / Duro / Stiv   
 Operating temp. / Temperatura de operación / Brugstemp.  
 Sterilisation temp. / Temperatura de esterilización / Sterilisationtemp.   
 PHB approved / PHB aprobado / PHB godkendt

# Detectable products



Flour brush / Cepillo para harina / Melbørste

| ITEM nr. | SIZE (mm) | DETAILS            | PACK | C°       | ‡  | FEATURES                                                                                                                                                                 | COLOURS |
|----------|-----------|--------------------|------|----------|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| 72164-   | 300 x 20  | Polyester PBT 0.35 | 12   | 80° 120° | 70 |   | 2       |
| 72166-   | 300 x 20  | Polyester PBT 0.60 | 12   | 80° 120° | 70 |   | 2       |

 Medium / Medio / Medium
  Stiff / Duro / Stiv
  Operating temp. / Temperatura de operación / Brugstemp.
  Sterilisation temp. / Temperatura de esterilización / Sterilisationstemp.
  PHB approved / PHB aprobado / PHB godkendt



### Upright socket sweeper / Escoba recta / Fejekost

| ITEM nr. | SIZE (mm) | DETAILS            | PACK | C°       | ‡  | FEATURES | COLOURS |
|----------|-----------|--------------------|------|----------|----|----------|---------|
| 78147-   | 280 x 48  | Polyester PBT 0.35 | 6    | 50° 120° | 70 |          | 2       |
| 78157-   | 280 x 48  | Polyester PBT 0.60 | 6    | 50° 120° | 70 |          | 2       |

Medium / Medio / Medium   
 Stiff / Duro / Stiv   
 Operating temp. / Temperatura de operación / Brugstemp.   
 Sterilisation temp. / Temperatura de esterilización / Sterilisationtemp.   
 PHB approved / PHB aprobado / PHB godkendt



### Sweeper / Escoba / Fejekoste

| ITEM nr. | SIZE (mm) | DETAILS            | PACK | C°       | ‡  | FEATURES | COLOURS |
|----------|-----------|--------------------|------|----------|----|----------|---------|
| 74163-   | 400 x 50  | Polyester PBT 0.35 | 6    | 50° 120° | 55 |          | 2       |
| 74166-   | 400 x 50  | Polyester PBT 0.60 | 6    | 50° 120° | 55 |          | 2       |

Medium / Medio / Medium   
 Stiff / Duro / Stiv   
 Operating temp. / Temperatura de operación / Brugstemp.   
 Sterilisation temp. / Temperatura de esterilización / Sterilisationtemp.   
 PHB approved / PHB aprobado / PHB godkendt

# There is no guarantee

of zero risk with any detectable products  
– unfortunately!

## **Manufacturing detectable product requires extreme care in process**

Moulded detectable articles contain precise proportions of metallic trace material throughout. The aim is to achieve a uniform distribution to form a homogenous distribution of particle size and presence throughout the entire polymer mix prior to moulding.

When any fragment broken from a detectable article passes through metal detection equipment there will always be the possibility that the metal content in this piece is smaller than the machinery is adjusted to detect, or its orientation is such that it appears to be even smaller. In these circumstances there is a risk that these small particle sizes will pass through undetected.

## **Regular calibration of metal detecting equipment is highly important**

Even where detectors are installed with high specifications and assumed capable of fail-safe detection it cannot be taken as a guarantee when considering the variables encountered !

For example:

- Type of food or other product
- Orientation and speed of presentation
- Settings selected following replicated testing
- Packaging and pack size
- Serviceability and sensitivity of equipment

We recommend that regular testing is undertaken using samples and conditions that simulate those used in typical metal detection throughput. It is helpful to keep records derived from all detection events recording settings at the time of detection, material detected (ferrous, non-ferrous or stainless steel), actual particle size of piece detected and whether medium was wet or dry.

It is important not to assume that because a detector was able to detect a ferrous object on its own, that the same size of material encased in polymer would be identified at the same settings. Likewise because the equipment reacts to a particular 'foreign' object, that any smaller sized particle of the same material would also trigger the same response.

**Please note it is the responsibility of the operator to check all response settings as FBK cannot be held responsible for machine or operator errors.**





# No hay garantía de cero riesgo con cualquier producto detectable - ¡desafortunadamente!

## La fabricación de productos detectables requiere un cuidado extremo en el proceso

Los artículos detectables moldeados contienen proporciones precisas de material metálico en toda su extensión. El objetivo es conseguir una distribución uniforme para formar una distribución homogénea del tamaño y la presencia de las partículas en toda la mezcla de polímeros antes del moldeo.

Cuando cualquier fragmento roto de un artículo detectable pasa a través del equipo de detección de metales, siempre existirá la posibilidad de que el contenido metálico en esta pieza sea más pequeño de lo que la maquinaria está ajustada para detectar, o su orientación es tal que parece ser aún más pequeño. En estas circunstancias, existe el riesgo de que estas partículas de pequeño tamaño pasen sin ser detectadas.

## La calibración periódica de los equipos de detección de metales es muy importante

Incluso cuando los detectores se instalan con altas especificaciones y se supone que son capaces de una detección a prueba de fallos, esto no puede tomarse como una garantía si se tienen en cuenta distintas variables.

Por ejemplo:

- Tipo de alimento u otro producto
- Orientación y velocidad de presentación
- Ajustes seleccionados tras la realización de pruebas
- Embalaje y tamaño del envase
- Capacidad de servicio y sensibilidad del equipo

Recomendamos que se realicen pruebas periódicas, utilizando muestras y condiciones que simulen las que se utilizan en el rendimiento típico de la detección de metales. Es útil mantener registros derivados de todos los eventos de detección que registren los ajustes en el momento de la detección, el material detectado (ferroso, no ferroso o acero inoxidable), el tamaño real de las partículas de la pieza detectada y si el medio estaba húmedo o seco.

Es importante no suponer que porque un detector haya sido capaz de detectar un objeto ferroso por sí mismo, el mismo tamaño de material envuelto en polímero se identificaría con los mismos ajustes. Del mismo modo, porque el equipo reacciona a un objeto "extraño" concreto, que cualquier partícula de menor tamaño del mismo material también provocaría la misma respuesta.

**Tenga en cuenta que es responsabilidad del operador comprobar todos los ajustes de respuesta, ya que FBK no se hace responsable de los errores de la máquina o del operador.**

# Der er ingen garanti for nul risiko med nogen detekterbare produkter - desværre!

## Fremstilling af påviselige produkter kræver ekstrem omhu i processen

Støbte påviselige genstande indeholder præcise proportioner af metallisk spormateriale overalt. Målet er at opnå en ensartet fordeling for at danne en homogen fordeling af partikelstørrelse og tilstedeværelse i hele polymerblandingen inden støbning.

Når et fragment, der er brudt fra en påviselig artikel, passerer gennem metaldetektøringsudstyr, vil der altid være mulighed for, at metalindholdet i dette stykke er mindre, end maskinen er justeret til at registrere, eller dens retning er sådan, at den ser ud til at være endnu mindre. Under disse omstændigheder er der risiko for, at disse små partikelstørrelser vil passere gennem uden registrering.

## Regelmæssig kalibrering af metaldetektøringsudstyr er meget vigtig

Selv hvor detektorer er installeret med høje specifikationer og antages i stand til fejlsikker detektion, kan det ikke tages som en garanti, når man overvejer de variable, der opstår!

F.eks.:

- Type fødevarer eller andre produkter
- Præsentationsretning og -hastighed
- Indstillinger valgt efter gentagne test
- Emballage og pakkestørrelse
- Udstyrs brugbarhed og følsomhed

Vi anbefaler, at der udføres regelmæssige test ved hjælp af prøver og forhold, der simulerer dem, der anvendes i typisk metaldetektøringsoverførsels-hastighed. Det er nyttigt at føre optegnelser, der stammer fra alle registreringshændelser, registrering-sindstillinger på detektionstidspunktet, materiale, der opdages (jernholdigt, ikke-jernholdigt eller rustfrit stål), den faktiske partikelstørrelse af detekteret stykke, og om objektet var vådt eller tørt.

Det er vigtigt ikke at antage, at fordi en detektor var i stand til at opdage et jernholdigt objekt alene, ville den samme størrelse materiale indkapslet i polymer blive identificeret ved de samme indstillinger. Ligeledes fordi udstyret reagerer på et bestemt "fremmed" objekt, at enhver mindre partikel af samme materiale også ville udløse den samme reaktion.

**Bemærk, at det er operatørens ansvar at kontrollere alle svarindstillinger, da FBK ikke kan holdes ansvarlig for maskin- eller operatørfejl.**

# Resin-Set range



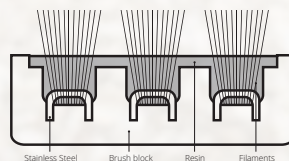
## An extra security when it comes to food safety

Each filament bundle is assembled and inserted mechanically into the brush block, along with a retaining stainless steel clamp and the pressed with considerable force firmly into place. Resin is then injected onto the surface and around the filaments to form a seal.



## What is Resin-Set?

The Resin-Set articles are made by a two-component molding system, manufactured by FBK Denmark. We recommend usage temperatures from -10 C to 120 C, and autoclavable at temperatures up to 134 C°.



## Gama de resina

La gama de resina es una selección de artículos con cerdas colocadas en una base de resina flexible, hecho con una técnica única en la elaboración de los cuerpos de los cepillos. Las cerdas son aseguradas tanto con grapas de acero inoxidable como con resina, lo que rodea cada bloque de cerdas para un mejor sellado.

## Resin-Set

Resin-Set er et sortiment af børster, hvor filamenterne bliver limet fast til børstekroppen med en unik teknik i speciel fremstillet emner. Filamenterne er sikret med både rustri stål krampe + lim som flyder omkring og ned i hver borehul, hvilket sikre enkelte filamenter ikke kan trækkes løs, samt minimere risikoen for bakterier i borehullerne.





90252

## Bannister brushes / Cepillos Panaderos / Håndkoste

| ITEM nr. | SIZE (mm) | DETAILS            | PACK | C°       | ↑  | FEATURES | COLOURS             |
|----------|-----------|--------------------|------|----------|----|----------|---------------------|
| 90252-   | 340 x 35  | Polyester PBT 0.30 | 10   | 80° 134° | 50 |          | 1 2 3 4 5 7 8 11 12 |
| 90255-   | 340 x 35  | Polyester PBT 0.50 | 10   | 80° 134° | 50 |          | 1 2 3 4 5 7 8 11 12 |

Medium / Medio / Medium  
 Stiff / Duro / Stiv  
 Operating temp. / Temperatura de operación / Brugstemp.  
 Sterilisation temp. / Temperatura de esterilización / Sterilisationtemp.  
 PHB approved / PHB aprobado / PHB godkendt



90548

## Churn brushes Cepillos de mano con mango / Spandebørster, alm.

| ITEM nr. | SIZE (mm) | DETAILS            | PACK | C°       | ↑  | FEATURES | COLOURS               |
|----------|-----------|--------------------|------|----------|----|----------|-----------------------|
| 90546-   | 275 x 70  | Polyester PBT 0.30 | 6    | 80° 134° | 40 |          | 1 2 3 4 5 7 8 11 12   |
| 90548-   | 275 x 70  | Polyester PBT 0.50 | 6    | 80° 134° | 40 |          | 1 2 3 4 5 6 7 8 11 12 |

Medium / Medio / Medium  
 Stiff / Duro / Stiv  
 Operating temp. / Temperatura de operación / Brugstemp.  
 Sterilisation temp. / Temperatura de esterilización / Sterilisationtemp.  
 PHB approved / PHB aprobado / PHB godkendt



90232

## Long wide utility brushes Cepillos multiusos anchos con mango largo / Bred spandebørster m/langt skaft

| ITEM nr. | SIZE (mm) | DETAILS            | PACK | C°       | ↑  | FEATURES | COLOURS       |
|----------|-----------|--------------------|------|----------|----|----------|---------------|
| 90232-   | 410 x 55  | Polyester PBT 0.30 | 10   | 80° 134° | 50 |          | 1 2 3 4 5 7 8 |
| 90233-   | 410 x 55  | Polyester PBT 0.50 | 10   | 80° 134° | 50 |          | 1 2 3 4 5 7 8 |

Medium / Medio / Medium  
 Stiff / Duro / Stiv  
 Operating temp. / Temperatura de operación / Brugstemp.  
 Sterilisation temp. / Temperatura de esterilización / Sterilisationtemp.  
 PHB approved / PHB aprobado / PHB godkendt

# Sweepers, hand scrub and washing brushes



**94135-  
Washing brush**  
Cepillos para lavar  
Vaskebørste

Flexible washing brush, which allows for efficient cleaning of floors, walls and tanks, e.g. Cepillo para lavar, con resina, por su ángulo en el corte de cerdas permite una limpieza eficiente de pisos, paredes y tanques. Fleksibel vaskebørste som giver mulighed for effektivt rengøring i f.eks. tanke, på vægge og gulv.



## Washing brushes / Cepillos para lavar / Vaskebørster

| ITEM nr. | SIZE (mm) | DETAILS            | PACK | C°       | †  | FEATURES | COLOURS |
|----------|-----------|--------------------|------|----------|----|----------|---------|
| 94135-   | 225 x 60  | Polyester PBT 0.30 | 6    | 80° 134° | 55 |          | 2       |
| 94155-   | 225 x 60  | Polyester PBT 0.50 | 6    | 80° 134° | 55 |          | 2       |

Soft / Suave / Blød    Medium / Medio / Medium    Operating temp. / Temperatura de operación / Brugstemp.  
 134° Sterilisation temp. / Temperatura de esterilización / Sterilisationstemp.    PHB approved / PHB aprobado / PHB godkendt



## Sweeper / Escoba / Fejekoste

| ITEM nr.                                                                                                                                                                                                                                          | SIZE (mm) | DETAILS            | PACK | C°       | ↑  | FEATURES | COLOURS   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------------------|------|----------|----|----------|-----------|
| 95204-                                                                                                                                                                                                                                            | 400 x 50  | Polyester PBT 0.30 | 6    | 80° 134° | 55 |          | 1 2 3 4 5 |
| Medium / Medio / Medium               Operating temp. / Temperatura de operación / Brugtemp.               134° Sterilisation temp. / Temperatura de esterilización / Sterilisationtemp.               PHB approved / PHB aprobado / PHB godkendt |           |                    |      |          |    |          |           |



## Upright sweepers / Escobas rectas (clásicas) / Fejekoste

| ITEM nr.                                                                                                                                                                                                                                                                            | SIZE (mm) | DETAILS            | PACK | C°       | ↑  | FEATURES | COLOURS   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------------------|------|----------|----|----------|-----------|
| 94147-                                                                                                                                                                                                                                                                              | 280 x 48  | Polyester PBT 0.30 | 6    | 80° 134° | 65 |          | 1 2 3 4 5 |
| 94157-                                                                                                                                                                                                                                                                              | 280 x 48  | Polyester PBT 0.50 | 6    | 80° 134° | 65 |          | 1 2 3 4 5 |
| Soft / Suave / Blød               Medium / Medio / Medium               Operating temp. / Temperatura de operación / Brugtemp.               134° Sterilisation temp. / Temperatura de esterilización / Sterilisationtemp.               PHB approved / PHB aprobado / PHB godkendt |           |                    |      |          |    |          |           |



## Hand scrub brush / Cepillos de mano / Skurebørste

| ITEM nr.                                                                                                                                                                                                                                      | SIZE (mm) | DETAILS            | PACK | C°       | ↑  | FEATURES | COLOURS   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------------------|------|----------|----|----------|-----------|
| 95063-                                                                                                                                                                                                                                        | 210 x 70  | Polyester PBT 0.50 | 12   | 80° 134° | 35 |          | 1 2 3 4 5 |
| Stiff / Duro / Stiv               Operating temp. / Temperatura de operación / Brugtemp.               134° Sterilisation temp. / Temperatura de esterilización / Sterilisationtemp.               PHB approved / PHB aprobado / PHB godkendt |           |                    |      |          |    |          |           |



# Water gun and coupler



## What is Waterfeed?

Waterfed hygiene brushes are designed for professional use where additional an integrated flow of clean water is clearly advantageous, or even necessary, for best results. The range of waterfed articles are often used by professionals for avoiding potential abrasions to fine surfaces, and providing a superior finish.

### Waterfeed

A special designed range of articles, where water comes out from each filament bundle. This provides a constant flow of water to the working area/spot. Our range of waterfeed articles are: deck scrubs, handles, churn brushes, waterguns with couplers/hose and washing brushes.

### Con paso de agua

Los cepillos higiénicos con paso de agua están especialmente diseñados para el uso profesional, donde la limpieza a través del agua es una clara ventaja o una necesidad para mejores resultados. La gama de los artículos con paso de agua son frecuentemente usados por profesionales para evitar posibles abrasiones a superficies frágiles.



**WATER  
FEED**

### Vandgennemløb

Hygiene børster med vandgennemløb er specielt designet til professionelt brug, hvor vandtilførsel er en klar fordel eller en nødvendighed for det bedste resultat. Vandgennemløbssortimentet bruges ofte til afvaskning eller til rengøring på fine og følsomme overflader, og giver et overlegent resultat.



**0411-  
Heavy duty model, brass**  
Modelo para trabajos pesados,  
cobre  
Industrivandpistol, messing

With brass-body. For 24 bar and 95 C°.  
Con cuerpo de cobre. Soporta hasta 24 bar y 95°C.  
Messing-krop. Tåler 24 bar og 95 C°.



**0410-  
Light weight model, nylon**  
Modelo ligero, nylon  
Lettvægts model, nylon

Nylon-body. For 12 bar and 50 C°.  
Cuerpo de nylon. Soporta hasta 12 bar y 50°C.  
Nylon-krop. Tåler 12 bar og 50 C°.



## Waterguns / Pistolas de agua / Spulepistoler

| ITEM nr. | DETAILS                          | PACK | FEATURES    | COLOURS     |
|----------|----------------------------------|------|-------------|-------------|
| 0411-    | Brass / Cobre / Messing          | ①    | 24 bar, 95° | 1 2 3 4 5 6 |
| 0410-    | Nylon / Nylon / Nylon            | ①    | 12 bar, 50° | 2           |
| 0412-    | Brass / Cobre / Messing          | ①    | 25 bar, 95° | 2           |
| 0413-    | Brass / Cobre / Messing          | ①    | 30 bar, 95° | 2           |
| 0415-    | Brass / Cobre / Messing          | ①    | 16 bar, 80° | 2           |
| 0416-    | Stainless / Inoxidable / Rustfri | ①    | 16 bar, 80° | 2           |



## Couplers for waterguns

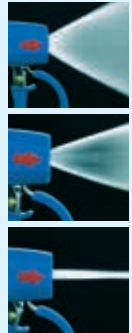
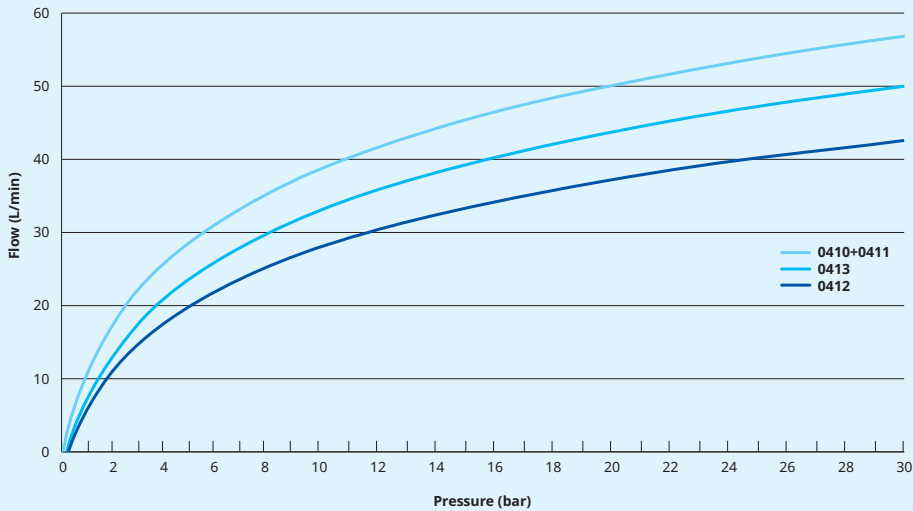
Coples para pistolas de agua / Nipler til industrivandpistoler

| ITEM nr. | DETAILS             | PACK |
|----------|---------------------|------|
| 5370     | ½"-¾" hose coupling | ①    |
| 5372     | ½" coupling         | ①    |
| 5373     | ¾" coupling         | ①    |

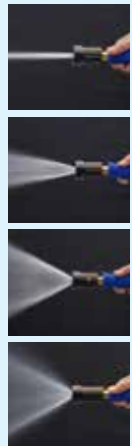
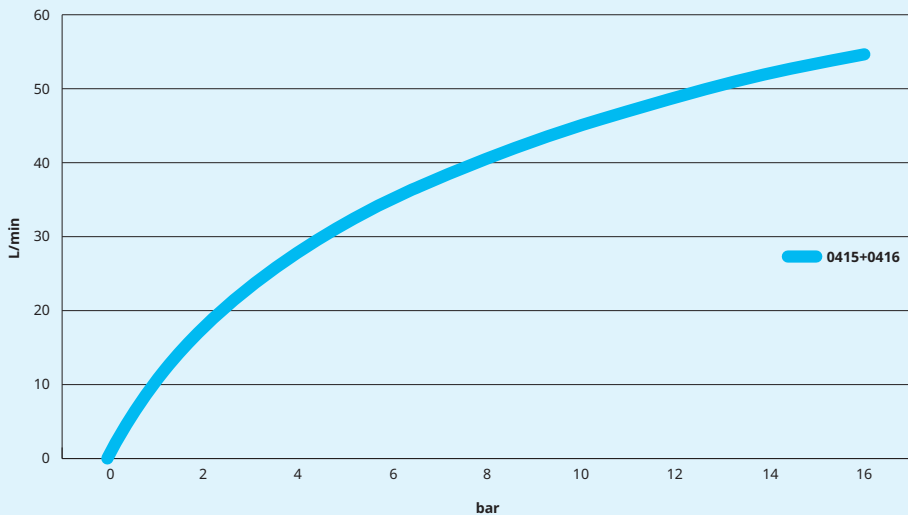


# Flow chart and water flow for Waterguns, heavy duty model:

Flow chart

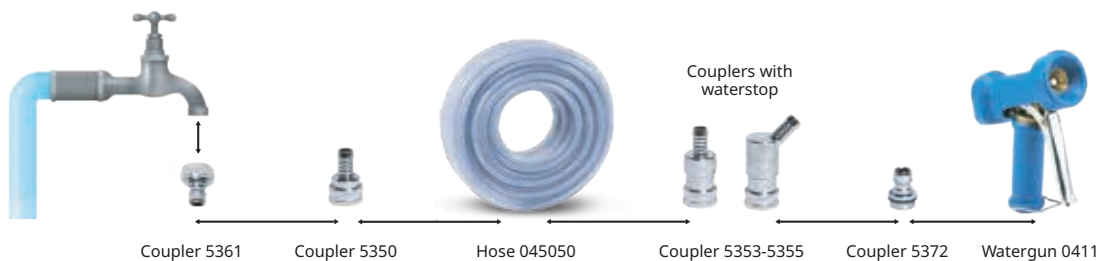


Flow

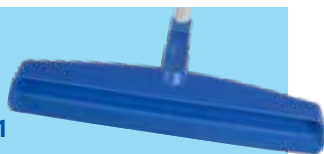


**Suggested ancillary equipment:**

½" couplers and hose / Coples ½" y manguera / ½" nipler og slange



Condensations  
squeegee  
See page 30 and 31



045050



## Hose, PVC / Manguera, PVC / Slange, PVC

| ITEM nr. | DETAILS  | PACK | C° | FEATURES |
|----------|----------|------|----|----------|
| 045050   | ½", 50 m | ①    | ⑥0 | 13 bar   |

## Couplers / Coples / Koblinger

| ITEM nr. | SIZE (")    | DETAILS                                                                                                                        | PACK |
|----------|-------------|--------------------------------------------------------------------------------------------------------------------------------|------|
| 5350     | ½"          | Hose coupling / Cople para manguera / Slangekobling                                                                            | ⑩    |
| 5353     | ½"          | Hose coupler with waterstop / Cople para manguera con válvula de retención / Kobling med vandstop                              | ⑤    |
| 5355     | ½"          | Hose coupler with swivel + waterstop / Cople giratorio para manguera con válvula de retención / Kobling med vandstop og vinkel | ⑤    |
| 5365     | ½"          | Connector / Conector / Connecteur                                                                                              | ⑩    |
| 5351     | ¾"          | Hose coupler / Conector rápido / Slangekobling                                                                                 | ⑩    |
| 5361     | ½"-¾"-M22x1 | Tap coupling / Cople para grifo / Kobling til vandhane                                                                         | ⑩    |



# Waterfed churn brushes, deck scrubs and handles



**Churn brushes with rubber handgrip/edge**  
Cepillos con borde de goma y paso de agua / Spandebørster m/gummikant

| ITEM nr.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | SIZE (mm) | DETAILS                         | PACK | C°       | ↓  | FEATURES                                                                                                                                                                                                                                                     | COLOURS |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|---------------------------------|------|----------|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| 52144-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 300 x 75  | Polyester PBT 0.30, ½" coupling | 6    | 80° 134° | 35 |    | 1 2 3   |
| 52154-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 300 x 75  | Polyester PBT 0.50, ½" coupling | 6    | 80° 134° | 35 |    | 1 2 3   |
| <div><div> Soft / Suave / Blød</div><div> Medium / Medio / Medium</div><div> Stiff / Duro / Stiv</div><div> Operating temp. / Temperatura de operación / Brugstemp.</div></div> <div><div> 134° Sterilisation temp. / Temperatura de esterilización / Sterilisation temp.</div><div> Waterfed / Paso de agua / Vandgennemløb</div></div> <div><div> Flagged material / Material despuntado / Spaltet filamenter</div><div> PHB approved / PHB aprobado / PHB godkendt</div></div> |           |                                 |      |          |    |                                                                                                                                                                                                                                                              |         |



## Deck scrubs / Cepillos para tallar / Gulvskrubber

| ITEM nr. | SIZE (mm) | DETAILS            | PACK | C°            | ↓  | FEATURES | COLOURS   |
|----------|-----------|--------------------|------|---------------|----|----------|-----------|
| 44153-   | 300 x 60  | Polyester PBT 0.50 | 6    | 80° 134°      | 25 |          | 1 2 3 4 5 |
| 49154-   | 285 x 120 | Polyester PBT 0.50 | 6    | 80° 134° 2540 |    |          | 1 2 3     |

Stiff / Duro / Stiv   
 Waterfeed / Paso de agua / Vandgennemløb   
 PHB approved / PHB aprobado / PHB godkendt  
 134° Sterilisation temp. / Temperatura de esterilización / Sterilisationtemp.   
 80° Operating temp. / Temperatura de operación / Brugstemp.

49824



49825



## Ergonomic handles

Mangos ergonómicos con paso de agua / Skafter, ergonomisk

| ITEM nr. | SIZE (mm) | DETAILS     | PACK | C°   | FEATURES | COLOURS   |
|----------|-----------|-------------|------|------|----------|-----------|
| 49824-   | 1500 x 32 | ½" coupling | 6    | 120° |          | 1 2 3 4 5 |
| 49825-   | 1750 x 32 | ½" coupling | 6    | 120° |          | 1 2 3 4 5 |

Waterfeed / Paso de agua / Vandgennemløb   
 120° Sterilisation temp. / Temperatura de esterilización / Sterilisationtemp.  
 PHB approved / PHB aprobado / PHB godkendt

49828



49826



## Ergonomic telescopic handles

Mangos telescópicos, con paso de agua / Teleskopskafter, ergonomisk

| ITEM nr. | SIZE (mm)      | DETAILS     | PACK | C°   | FEATURES | COLOURS   |
|----------|----------------|-------------|------|------|----------|-----------|
| 49828-   | 1280-2000 x 32 | ½" coupling | 6    | 120° |          | 1 2 3 4 5 |
| 49826-   | 1720-2820 x 32 | ½" coupling | 6    | 120° |          | 1 2 3 4 5 |

Waterfeed / Paso de agua / Vandgennemløb   
 120° Sterilisation temp. / Temperatura de esterilización / Sterilisationtemp.  
 PHB approved / PHB aprobado / PHB godkendt

# Washing brushes



**44104-  
Washing brush**  
Cepillo para lavar  
Vaskebørste

Unique design ensures cleansing filaments as they wash, and with a protecting rubber edge. Diseño único que asegura la limpieza de los filamentos mientras lavan, con un borde protector de goma.

Unikt design sikrer selvrensende filamenter, når de er i brug og med en beskyttende gummi-overflade på børste-blokken.



## Washing brushes with rubber edge Cepillos para lavar con borde de goma / Vaskebørster med gummikant

| ITEM nr. | SIZE (mm) | DETAILS            | PACK | C°       | ↑  | FEATURES | COLOURS |
|----------|-----------|--------------------|------|----------|----|----------|---------|
| 42104-   | 200 x 80  | Polyester PBT 0.30 | 6    | 80° 134° | 55 |          | 2       |
| 44104-   | 265 x 90  | Polyester PBT 0.30 | 6    | 80° 134° | 55 |          | 2 3 4 5 |
| 44144-   | 265 x 90  | Polyester PBT 0.30 | 6    | 80° 134° | 55 |          | 2 3 4 5 |

Soft / Suave / Blød

Medium / Medio / Medium

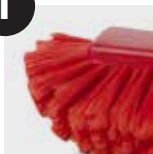
Waterfeed / Paso de agua / Vandgennemløb

Operating temp. / Temperatura de operación / Brugstemp.

134° Sterilisation temp. / Temperatura de esterilización / Sterilisationtemp.

Flagged material / Material despuntado / Spaltet filamenter

PHB approved / PHB aprobado / PHB godkendt



**49105-**  
**Extended side filaments**  
 Cerdas laterales extendidas  
 Længere side filamenter

For easier cleaning of corners.  
 Para una limpieza de las esquinas más fácil.  
 Nemmere rengøring af hjørner.



## Washing brushes / Cepillos para lavar / Vaskebørster

| ITEM nr.                                                                                                                                                                                                                                                                                               | SIZE (mm) | DETAILS            | PACK | C°       | ↑  | FEATURES | COLOURS |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------------------|------|----------|----|----------|---------|
| 49105-                                                                                                                                                                                                                                                                                                 | 290 x 130 | Polyester PBT 0.30 | 6    | 80° 134° | 40 |          | 1 2 3   |
| Soft / Suave / Blød             Waterfeed / Paso de agua / Vandgennemløb             Flagged material / Material despuntado / Spaltet filamenter<br>Operating temp. / Temperatura de operación / Brugstemp.             134° Sterilisation temp. / Temperatura de esterilización / Sterilisationstemp. |           |                    |      |          |    |          |         |

15011



40105



## Washing brushes without waterfeed Cepillos para lavar SIN paso de agua / Vaskebørster uden vandgennemløb

| ITEM nr.                                                                                                                                                                                                                                                                                                                            | SIZE (mm) | DETAILS            | PACK | C°       | ↑  | FEATURES | COLOURS   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------------------|------|----------|----|----------|-----------|
| 15011-                                                                                                                                                                                                                                                                                                                              | 225 x 60  | Polyester PBT 0.30 | 6    | 80° 134° | 55 |          | 1 2 3 4 5 |
| 15012-                                                                                                                                                                                                                                                                                                                              | 225 x 60  | Polyester PBT 0.50 | 6    | 80° 134° | 55 |          | 1 2 3     |
| Soft / Suave / Blød             Medium / Medio / Medium             Operating temp. / Temperatura de operación / Brugstemp.<br>134° Sterilisation temp. / Temperatura de esterilización / Sterilisationstemp.             Flagged material / Material despuntado / Spaltet filamenter<br>PHB approved / PHB aprobado / PHB godkendt |           |                    |      |          |    |          |           |

## Washing brush w/side filaments, without waterfeed Cepillos para lavar con cerdas laterales, SIN paso de agua Vaskebørster med sidebørster uden vandgennemløb

| ITEM nr.                                                                                                                                                                                                                                          | SIZE (mm) | DETAILS            | PACK | C°       | ↑  | FEATURES | COLOURS |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------------------|------|----------|----|----------|---------|
| 40105-                                                                                                                                                                                                                                            | 290 x 130 | Polyester PBT 0.30 | 6    | 80° 134° | 40 |          | 1 2 3   |
| Soft / Suave / Blød             Operating temp. / Temperatura de operación / Brugstemp.<br>134° Sterilisation temp. / Temperatura de esterilización / Sterilisationstemp.             Flagged material / Material despuntado / Spaltet filamenter |           |                    |      |          |    |          |         |





## Why choose FBK?

FBK aims to develop articles that are not only fit for purpose, but also ergonomic and user-friendly.

Our design team will always consider quality, design, and productivity as well as how best results are achieved in relation to consumer expectations.

In consideration for the requirements of the industry, articles are available with temperature tolerance from  $-20^{\circ}\text{C}/-4^{\circ}\text{F}$  to  $+134^{\circ}\text{C}/273^{\circ}\text{F}$ .

### ¿Por qué escoger FBK?

FBK busca desarrollar artículos que no sólo cumplan con su propósito, pero que también sean ergonómicos y amigables con el usuario. Nuestro equipo de diseño siempre considerará lo que obtenga mejores resultados y sea menos cansado. En consideración con los requerimientos de la industria, nuestros artículos están disponibles con tolerancia de temperatura de  $-20^{\circ}\text{C}/-4^{\circ}\text{F}$  a  $+134^{\circ}\text{C}/273^{\circ}\text{F}$ .

- Producidos y desarrollados en Dinamarca, con 130 años de experiencia
- Un extenso programa de código de color
- Los productos están diseñados para trabajar conjuntamente y ser intuitivos
- Innovadores con un enfoque en el bienestar del usuario.
- Escoger entre más de 3000 productos diferentes
- Aprobado y certificado para el contacto con los alimentos
- Inmenso conocimiento en las herramientas de limpieza para la industria alimentaria y de bebidas
- Distribuidores profesionales
- Enfoque en la industria de los alimentos y bebidas
- Red de distribuidores en +80 países
- Cumple con las disposiciones de BRC Global, IFS y FDA-UE

### Hvorfor vælge FBK?

FBK har til formål at udvikle artikler, der ikke kun er egnede til formålet, men også ergonomiske og brugervenlige. Vores designteam vil altid overveje kvalitet, design og produktivitet samt hvordan de bedste resultater opnås i forhold til forbrugers forventninger. Under hensyntagen til industriens krav fås artikler med temperaturtolerance fra  $-20^{\circ}\text{C}/-4^{\circ}\text{F}$  til  $+134^{\circ}\text{C}/273^{\circ}\text{F}$ .

- Produceret og udviklet i Danmark og har 130 års erfaring
- Stort farvekodningsprogram
- Produkterne er designet til at arbejde sammen og give mening
- Innovativ med fokus på brugerens velbefindende
- Vælg mellem mere end +3000 forskellige produkter
- Certificeret fødevarerkontakt godkendt
- Kæmpe knowhow inden for rengøringsværktøjer til fødevarer- og bryggeriindustrien
- Professionelle forhandlere
- Primær fokus på fødevarer- og bryggeriindustrien
- Distributørnetværk i +80 lande
- Opfylder BRC Global - IFS standarder og FDA - EU deklarationer

# General information / Información general / General information

| Chemical                   | Concentration % | Polyester PBT | Polypropylene |
|----------------------------|-----------------|---------------|---------------|
| Acetic acid                | 100             | *             | ***           |
| Acetone                    | 100             | ***           | ***           |
| Ammonia Liquid             |                 | **            | ***           |
| Aniline                    | 100             | ***           | **            |
| Benzene                    | 100             | ***           | *             |
| Bleaching Solutions Dilute |                 | ***           | ***           |
| Caustic Potash             | 10              | ***           | ***           |
| Caustic Potash             | 50              | **            | ***           |
| Chlorine Water Saturated   |                 | *             | *             |
| Chloroform                 | 100             | ***           | **            |
| Chromic Acid               | 10              | ***           | ***           |
| Citric Acid                | 10              | ***           | ***           |
| Detergent-soaps            |                 | ***           | ***           |
| Ethanol                    | 96              | ***           | ***           |
| Ethyl acetate              | 100             | ***           | ***           |
| Formic Acid                | 100             | ***           | **            |
| Glycerine                  |                 | ***           | ***           |
| Hydrochloric acid          | 30              | **            | ***           |
| Lactic Acid                | 20              | ***           | ***           |
| Methyl Alcohol             | 100             | ***           | ***           |
| Mineral oil                |                 | ***           | ***           |
| Nitric Acid                | 10              | ***           | ***           |
| Nitric Acid                | 50              | ***           | *             |
| Oleic acid                 | 100             | ***           | ***           |
| Oxalic Acid                | 10              | ***           | **            |
| Petrol                     |                 | ***           | **            |
| Phosphoric Acid            | 85              | ***           | ***           |
| Sodium Chloride (salt)     |                 | ***           | ***           |
| Sodium Hydroxide           | 10              | *             | ***           |
| Sodium Hydroxide           | 50              | *             | ***           |
| Sodium Hypochlorite        | 10              | ***           | ***           |
| Stearic Acid               | 100             | ***           | ***           |
| Sulphuric Acid             | 10              | ***           | ***           |
| Sulphuric Acid             | 96              | *             | *             |
| Tetrachloroethylene        |                 | **            | *             |
| Toluene                    | 100             | **            | *             |
| Trichloroethylene          |                 | **            | **            |
| Turpentine                 | 100             | ***           | *             |
| Vegetable Oil              |                 | ***           | ***           |

## Filament data sheet

|           | Bend recovery | Bending stiffness | Wear resistance | Resistance to folding | Alkaline solutions | Acid solutions |                          |
|-----------|---------------|-------------------|-----------------|-----------------------|--------------------|----------------|--------------------------|
| PEEK      | 😊             | 😊                 | 😊               | 😊                     | 😊                  | 😊              | Polyetheretherketone     |
| PBT       | 😊             | 😊                 | 😊               | 😊                     | 😊                  | 😊              | Polybutylenterephthalate |
| PBT MD    | 😊             | 😊                 | 😊               | 😊                     | 😊                  | 😊              | Polybutylenterephthalate |
| Myren® PP | 😊             | 😊                 | 😊               | 😊                     | 😊                  | 😊              | Polypropylene            |

### Generally:

PBT – pH 1-7 resistant to acids  
PP – pH 1-14 resistant to both acids and alkalines  
Depending on concentration and time in contact.

### General:

PBT – pH 1-7 resistente a los ácidos  
PP – pH 1-14 resistente tanto a ácidos como bases  
Dependiendo de la concentración y al tiempo de contacto.

### Generelt:

PBT – pH 1-7 resistent over for syrer  
PP – pH 1-14 resistent over for både syre og baser  
Afhængig af koncentration og tiden med kontakt.

\*\*\* = Excellent; no deterioration or long-term adverse effects.

\*\* = Caution; variations in concentration, temperature and exposure could be detrimental.

\* = Unsatisfactory; contact will result in permanent deterioration.

**Notes:** The Information provided assumes temperatures not exceeding 20° Celsius Concentration % relates to % chemical substance in total mix with water. Information is based on data provided by suppliers of our raw materials, who state: "we believe it to be true and accurate, but no warranties are expressed or implied regarding its accuracy or the performance of any product. Testing is recommended for critical applications".

\*\*\* = Excelente; no deterioro ni efectos adversos a largo plazo.

\*\* = Precaución; variaciones en concentración, temperatura y exposición podrían ser perjudiciales.

\* = Insatisfactorio; el contacto podría resultar en deterioro permanente

**Notas:** La información suministrada asume temperaturas que no excedan los 20 grados Celsius. La concentración en porcentaje se refiere al % de la sustancia química mezclada en total con agua. La información es basada en los datos proporcionados por los proveedores de nuestras materias primas, quienes manifiestan: "creemos que es verdad y preciso, pero no hay garantías expresadas o implícitas en cuanto a la precisión o funcionamiento de cualquier producto". Se recomienda hacer pruebas para aplicaciones críticas.

\*\*\* = Fremragende; ingen forringelse eller længerevarende bivirkninger

\*\* = Forsigtig; variationer i koncentrationen, temperatur og udsættelse kan være skadelig.

\* = Utilfredsstillende; kontakt vil resultere i permanent forringelse

**Note:** Oplysningerne forudsætter at temperaturer ikke overstiger 20°C. Koncentration i % er baseret på % kemisk substans blandet med vand. Oplysningerne er baseret på data fra råvare leverandøren, der angiver: "Vi mener at oplyste informationer er sande og korrekte, men vi kan ikke stille garantier, hvilket er et udtryk for informationens nøjagtighed ved brugen af det enkelte produkt ". Det anbefales at teste produktet ved kritiske anvendelse.



**BRCS**

In Partnership  
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