

Pharmaceutical Manufacturing

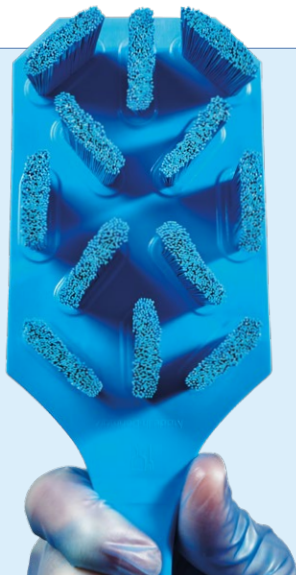


Cleaning Validation through Hygienic Design

Hygienic tool design can positively affect cleaning validation in pharmaceutical manufacturing environments

Where the highest pharmaceutical safety and quality standards for predictable process outcomes are set by Current Good Manufacturing Practices (cGMPs), poorly constructed material handling and cleaning tools are definitely not a good fit for such operations. This challenge, however, can be overcome with hygienic design.

Hygienically designed tools provide two primary benefits: efficiency and efficacy. High quality brushes make removing ingredient and microbial residues from manufacturing equipment more effective when compared to traditional alternatives. Also, properly maintained hygienic tools limit harborage points for contaminants, thus reducing the risk of the tools becoming the instruments of allergen cross-contact or cross-contamination.



Ultra Safe Technology

What is Ultra Safe Technology?

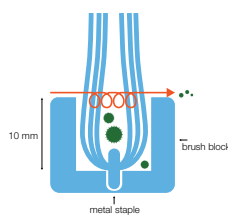
Ultra Safe Technology (UST) covers a revolutionary new line of brooms and brushes that help improve product safety and quality, minimize waste, and increase cleaning efficiency. Moreover, these new tools from Vikan comply with FDA and EU regulations.

The innovative technology utilizes enhanced bristle security units directly molded to the brush block, removing any gaps or seams while offering unprecedented bristle retention strength.

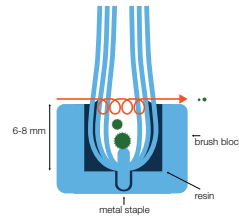
UST hand brushes, deck scrubs and sweeping brooms each have a unique bristle pattern to optimize function, while spacing between the bristle units makes each tool easier to clean, dry, and inspect.

UST's unique design and construction improves bristle retention and allows for more effective cleaning of the surfaces.

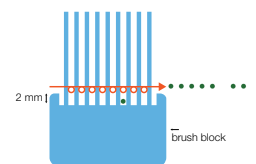
- Indicates waterflow and turbulence
- Indicates debris



Drilled & stapled



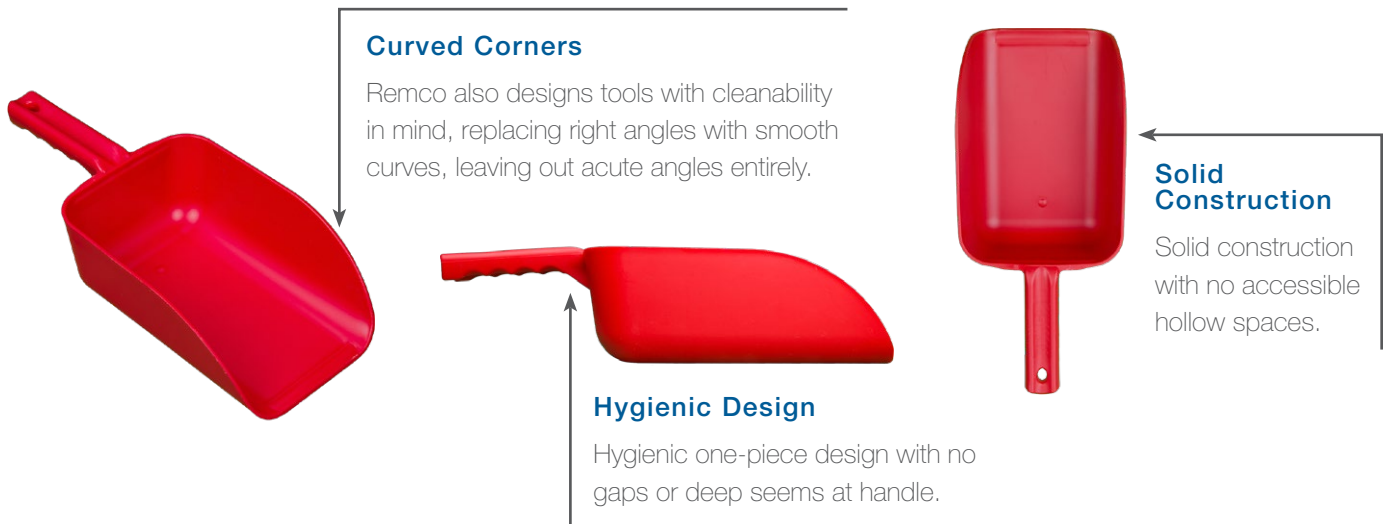
Drilled & stapled, resin set



UST brushware

One-Piece Design

Remco's material handling tools incorporate hygienic one-piece construction, removing many potential areas for contamination. Typical non-hygienic tools have deep seams, hollow spaces, and gaps or joints between materials or parts where ingredients, microbes or other contaminants can hide.



The Color-Coding System

Remco and Vikan® brands offer the best industry solutions to help mitigate the risk of potential cross-contamination of food. With an array of tools and storage brackets, and

years of knowledge and experience, our experts at Remco can help you effectively apply color-coding to divide and identify different zones or processing tasks. As a result, workers can more easily comply with material handling and sanitation procedures in order to maintain stringent food safety standards.



Documentation

Remco and Vikan tools improve and raise the visibility of your internal hygiene controls, support cGMPs, and make it easier to maintain and document your protocols for crucial audits and inspections. Remco and Vikan tools are manufactured from raw materials that meet strict compliance guidelines for food contact.

At your request, we can provide relevant documents of compliance for our tools:

- EU Framework Regulation (EC) 1935/2004
- EU 10/2011
- US FDA-regulation CFR 21
- ISO certification
- Technical Data Sheets
- Migration testing



All Vikan products that might come into contact with food have been designed to comply with Framework Regulation (EC) 1935/2004 and EU 10/2011, and are marked with the glass and fork symbol.



These food-contact products are made in compliance with the US FDA-regulation CFR 21 regarding products for use when processing, handling and packaging food.

Hygienic Cleaning Tools

Available from Remco Products

For over 115 years, Vikan® has focused on developing the most hygienic and effective cleaning tools in the world. With Vikan's product development emphasis on efficiency, functionality, and ergonomics, sanitation professionals have access to tools that are precisely suited for the most complex cleaning tasks.



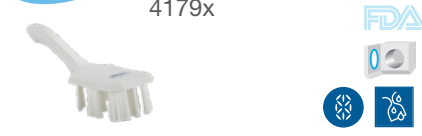
Vikan® UST Soft Bench Brush
4581x



Colors Available: 1 2 3 4 5 6 7 8

Length:	Width:	Height:
13"	1.5"	3.9"
Weight:	0.40 lbs.	
Maximum Temperature:	250°F	
Material:	Polypropylene/Polyester	

Vikan® UST Short Handled Hand Brush
4179x



Colors Available: 1 2 3 4 5 6 7 8

Length:	Width:	Height:
10"	2.9"	2.75"
Weight:	0.36 lbs.	
Maximum Temperature:	250°F	
Material:	Polypropylene/Polyester	

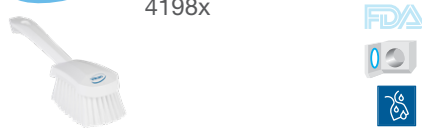
Vikan® UST Soft Floor Broom
3171x



Colors Available: 1 2 3 4 5 6 7 8

Length:	Width:	Height:
15.25"	1.9"	4.7"
Weight:	0.78 lbs.	
Maximum Temperature:	250°F	
Material:	Polypropylene/Polyester	

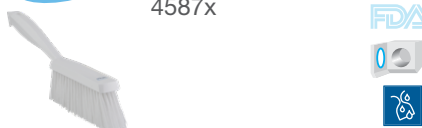
Vikan® Short Handle Washing Brush
4198x



Colors Available: 2 3 4 5 6

Length:	Width:	Height:
10.63"	2.76"	3.54"
Weight:	0.49 lbs.	
Maximum Temperature:	250°F	
Material:	Polypropylene/Polyester/SS	

Vikan® Fine-Particle Bench Brush
4587x



Colors Available: 1 2 3 4 5 6 7 8 9

Length:	Width:	Height:
13.0"	1.3"	3.3"
Weight:	0.38 lbs.	
Maximum Temperature:	250°F	
Material:	Polypropylene/Polyester/SS	

Vikan® Vikan Nail Brush
6440x



Colors Available: 1 2 3 4 5 6 7 8 9

Length:	Width:	Height:
4.9"	1.9"	1.5"
Weight:	0.22 lbs.	
Maximum Temperature:	250°F	
Material:	Polypropylene/Polyester/SS	

Remco 128 oz. Mega Scoop
6550x



Colors Available: 2 3 4 5 6 7

Length:	Width:	Height:
11.0"	8.7"	6.7"
Weight:	1.35 lbs.	
Deflection / Softening Temps:	183°F / 266°F	
Material:	Polypropylene	

Remco 82 oz. Hand Scoop
6500x



Colors Available: 1 2 3 4 5 6 7 8

Length:	Width:	Height:
15.1"	5.9"	3.3"
Weight:	0.65 lbs.	
Deflection / Softening Temps:	183°F / 266°F	
Material:	Polypropylene	

Remco 32 oz. Hand Scoop
6400x



Colors Available: 1 2 3 4 5 6 7 8

Length:	Width:	Height:
11.5"	4.3"	3.0"
Weight:	0.39 lbs.	
Deflection / Softening Temps:	183°F / 266°F	
Material:	Polypropylene	

FDA Denotes product is made of FDA compliant materials.

Denotes product is autoclavable to 250°F.

Denotes product is dishwasher safe to 176°F.

TYPE Denotes bristle type.

Denotes product is Ultra Safe Technology.

Vikan® Tank Brush
7039x



Colors Available:	2 3 4 5 6	
Length:	Width:	Height:
8.3"	5.1"	3.7"
Weight:	1.05 lbs.	
Maximum Temperature:	185°F	
Material:	Polypropylene/SS	

Vikan® Angle-Adjustable
Waterfed Washing
Brush
7067x



Colors Available:	2 3 4 5 6	
Length:	Width:	Height:
9.25"	2.75"	5.5"
Weight:	0.92 lbs.	
Maximum Temperature:	250°F	
Material:	Polypropylene/Polyester/SS	

Vikan® Wide Valve Brush
5379x



Colors Available:	2 3 4 5 6	
Length:	Width:	Height:
20.1"	2.0"	2.0"
Weight:	0.19 lbs.	
Maximum Temperature:	250°F	
Material:	Polyester/Stainless Steel/Polypropylene	

Vikan® Narrow Dish Brush
4287x



Colors Available:	2 3 4 5 6	
Length:	Width:	Height:
11.0"	0.9"	2.0"
Weight:	0.10 lbs.	
Maximum Temperature:	250°F	
Material:	Polypropylene/Polyester/SS	

Vikan® Utility Brush
3088x



Colors Available:	2 3 4 5 6	
Length:	Width:	Height:
10.2"	1.6"	2.8"
Weight:	0.22 lbs.	
Maximum Temperature:	250°F	
Material:	Polypropylene/Polyester/SS	

Remco Large Hand Scraper
6962x



Colors Available:	1 2 3 4 5 6 7 8 9	
Length:	Width:	Height:
0.2"	4.3"	9.8"
Weight:	0.18 lbs.	
Deflection / Softening Temps:	183°F / 266°F	
Material:	Polypropylene	

Remco Short Paddle Without Holes
6775x



Colors Available:	2 3 4 5 6	
Length:	Width:	Height:
39.75"	6.0"	1.4"
Weight:	2.19 lbs.	
Deflection / Softening Temps:	183°F / 266°F	
Material:	Polypropylene	

Remco Mini Bench Scraper
6959x



Colors Available:	1 2 3 4 5 6 7 8 9	
Length:	Width:	Height:
0.2"	5.25"	7.3"
Weight:	0.09 lbs.	
Deflection / Softening Temps:	183°F / 266°F	
Material:	Polypropylene	

Vikan® 10" Ultra Hygiene
Bench Squeegee
7125x



Colors Available:	1 2 3 4 5 6 7 8	
Length:	Width:	Height:
9.4"	3.5"	3.4"
Weight:	0.45 lbs.	
Maximum Temperature:	250°F	
Material:	Polypropylene/Rubber	

Denotes product is made of FDA compliant materials.

Denotes product is autoclavable to 250°F.

Denotes product is dishwasher safe to 176°F.

Denotes bristle type.

For more information or to request a product sample, visit remcoproducts.com.

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