

METAL DETECTABLE HAND SCRAPERS

ERGONOMIC HANDLES | DURABLE | 3" & 4" AVAILABLE

Product Specifications

Revised September 2015



Product Description

These 3" and 4" wide ergonomic and durable hand scrapers are suitable for removing stubborn debris without scratching the surface being cleaned. An invaluable product for removing various substances from flat surfaces such as work surfaces, table tops and conveyor belts.

Our scraper range is produced from a specially formulated material based on high impact food contact approved polypropylene. These detectable scrapers are manufactured as a genuine single mould construction, eliminating germ traps as far as possible and making them the ultimate in hygiene control.

Product Code Prefix: SC23PS*

Colours: Blue, Green, Red, White & Yellow

Pack Size: 5

Material: Detectable Polypropylene

Temperature Range - 30 + 80 °C

Product Advantages:

- ✓ Displays due diligence in the prevention of foreign body contamination
- ✓ Can be used to form part of HACCP and BRC procedures
- ✓ Hygienic design eliminates bacteria traps & improves hygiene
- ✓ Highly durable, lightweight and provides excellent wear and tear resistance
- ✓ Reduced risk of damage to floor surfaces and machinery



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Product Variants:

<u>Product Code</u>	<u>Colour</u>	<u>Dimensions (mm)</u>	<u>Imperial Width</u>	<u>Pack Weight</u>
SC23PS3MB	Blue	75mm x 205mm	3"	0.50 Kg
SC23PS3MG	Green	75mm x 205mm	3"	0.50 Kg
SC23PS3MR	Red	75mm x 205mm	3"	0.50 Kg
SC23PS3MY	White	75mm x 205mm	3"	0.50 Kg
SC23PS3MW	Yellow	75mm x 205mm	3"	0.50 Kg
SC23PS4MB	Blue	100mm x 250mm	4"	0.90 Kg
SC23PS4MG	Green	100mm x 250mm	4"	0.90 Kg
SC23PS4MR	Red	100mm x 250mm	4"	0.90 Kg
SC23PS4MY	White	100mm x 250mm	4"	0.90 Kg
SC23PS4MW	Yellow	100mm x 250mm	4"	0.90 Kg

Product Material:

Manufactured from a material based on high-impact, food contact approved polypropylene. The material contains full and uniform dispersion of detectable elements throughout the products.

Certificate of Food Contact Approval

Results Summary:

Migration Test Result Summary:	Conclusion
European Commission regulation (EU) No 10/2011	
Finished moulded product: Migration Test	PASS

The migration from the material was less than the maximum permitted by the Regulations.

Specific Migration Of Metals Test Result Summary:	Conclusion
European Commission regulation (EU) No 10/2011	
Specific Migration of Metals	PASS

FDA Test Result Summary:	Conclusion
US FDA 21 CFR 177.1520 (Olefin Polymers) Polypropylene copolymer	PASS

The raw material used in the manufacturing of this product does not contain silicone.



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Overall Migration Testing

Results:

The materials were tested in accordance with requirements of the Plastic Materials and Articles in Contact with Food Commission regulation (EU) No. 10/2011 following Methods BSEN 1186:2002.

The Regulations require that no plastic material shall be capable of transferring its constituents to food which it may come into contact in quantities exceeding the appropriate limit. For the material the appropriate limit is 10 mg/dm²

Simulant	Conditions	Migration
3% Acetic Acid	24 Hours at 40°C	2.4 mg/dm ²
95% Ethanol	24 Hours at 40°C	1.6 mg/dm ²
Iso-octane	4 Hours at 20°C	<4.2 mg/dm ²

Test Result Summary:	Conclusion
European Commission regulation (EU) No 10/2011	
Finished moulded product: Migration Test	PASS

Specific Migration of Metals Testing

Method:

Sample preparation in 3% acetic acid (w/v) in aqueous solution at 70°C for 2 hours with reference to EN 13130-1:2004; followed by analysis using Inductively Coupled Argon Plasma Spectrometry (ICP).

Results:

Test Item	Result (mg/kg)	Reporting Limit (mg/kg)	Permissible Limit (mg/kg)
Specific Migration of Barium	ND	0.25	1
Specific Migration of Cobalt	ND	0.03	0.05
Specific Migration of Cooper	ND	0.25	5
Specific Migration of Iron	ND	0.25	48
Specific Migration of Lithium	ND	0.5	0.6
Specific Migration of Manganese	ND	0.25	0.6
Specific Migration of Zinc	ND	0.5	25
Comment	PASS	-	-

Note: 1. mg/kg = Milligram per kilogram of foodstuff in contact with 2. °C = Degree Celsius 3. ND = Not Detected



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U.S Food & Drug Administration Testing

Results:

US FDA 21 CFR 177.1520 (Olefin Polymers) Polypropylene Copolymer.

Extractable Fraction:

With reference to US US FDA 21 CFR 177.1520 d (3) (ii). Sample preparation in n-hexane at 50°C for 2 hours.

	Result (%w/w)	Reporting Limit (% w/w)	Reference Limit (%w/w)
Extractable Fraction	3.0	0.1	5.5
Comment	PASS	-	-

Soluble Fraction:

With reference to US US FDA 21 CFR 177.1520 d (4) (ii). Sample preparation in xylene at 25°C for 2 hours.

	Result (%w/w)	Reporting Limit (% w/w)	Reference Limit (%w/w)
Soluble Fraction	9.2	0.1	30.0
Comment	PASS	-	-

Note: 1. %(w/w) = Percent by weight by weight 2. ND = Not detected 3. °C = Degree Celsius

All testing has been carried out by UKAS accredited testing laboratory.

Declaration of absence Silicone

Hand Scraper:

On the basis of our knowledge of the manufacturing process and information provided by raw material suppliers.

Contains Polydimethylsiloxane CAS 63148-62-9, 0,0060%

Testing Information:

BST recommend that all our products be thoroughly tested on your metal detection systems by a trained and certified professional. It may the case that your equipment may need to be recalibrated in order to reliably detect this product.

Such a professional should be available by contacting the manufacturer of your metal detection system.

DISCLAIMER

The information provided in this product specification sheet is based on our experience and knowledge to date and we believe it to be true and reliable. This information is intended as a guide for your use of our products, the use of which is entirely at your own discretion and risk. We, BS Teasdale & Son Ltd, cannot guarantee favourable results and assume no liability in connection with the use of our products.

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