

# DETECTAMET

## Technical Data Sheet

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526

### Metal Detectable Broom/Squeegee Handle



Technical Data Sheet Applicable To:

526-P01-A43	Ultra Hygienic Blue Plastic Broom/Squeegee Handle Only
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#### Industry Usage:

Strong and resistant one piece handle, the knob and the 32mm diameter make it ergonomic and easy to use. Equipped with 22m Italia Thread. Tests show a deformation of the handle under pressure of less than 60%

#### Features and Benefits:

- Metal Detectable and X-ray Visible
- For use with floor brushes, squeegees and push brooms
- Length 1500mm (59.05")
- Diameter: 32mm (1.25")
- Thread Diameter: 22mm (0.86")
- Minimum Temperature: -20°C (-4°F)
- Maximum Temperature: 100°C (212°F)
- Autoclave: 121°C (249.8°F) for 20 mins

Material and Compliance information:

This product is compliant with the following regulations;

- Regulation (EC) no. 1935/2004
- Regulation (EC) no. 2023/2006 and subsequent updates and amendments
- Regulation (EC) no. 10/2011 and subsequent updates and amendments
- Ministerial Decree 21/03/73 and subsequent updates and amendments
- Decree of the President of the Republic 777/82 and subsequent updates and modifications
- Regulation (EC) No 1333/2008
- Regulation (EC) No 1334/2008
- FDA CFR 21 part 177.1520

The material mentioned above is manufactured with the following material:

Detectable Polypropylene Reinforced with Glass Fiber

The overall migration values under the following test conditions are lower than the limits established by the above mentioned legislation

Analytical Test	Test Conditions	Simulant
Overall Migration	2 Hours at 70°C (158°F)	Ethanol 10%, Acetic acid 3%, Oil

The tests were conducted considering a surface/volume ratio of 1cm<sup>2</sup>/ml

The specific migration values of Primary Aromatic Amines and metals under the following test conditions are lower than the limits established by the above mentioned legislation:

Analytical Test	Test Conditions	Simulant
Specific migration of Amines Primary Aromatics	2 Hours at 70°C (158°F)	Acetic Acid 3%
Specific migration of Metals (Annex II Reg. 1245/2020)	2 Hours at 70°C (158°F)	Acetic Acid 3%

The tests were conducted considering a surface/volume ratio of 1cm<sup>2</sup>/ml

The extractable substance values comply with the FDA references mentioned above:

Analytical Test	Test Conditions	Extraction Solvent
Maximum extractable fraction	50°C (122°F)	n-hexane
Maximum extractable fraction	25°C (77°F)	xylene

User and Maintenance Manual:

- Remove packaging and any label from tools and disinfect them
- Both manual and autoclave disinfection is possible
- Sanitize tools using appropriate chemical decontamination products, in the concentrations, times and temperatures provided.
- Make sure tools completely dry up before next use
- Hang tools while drying up to avoid any contamination or breakage
- The storing area must be clean and far away from sources of intense light or heat
- Do not use damaged tools

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