

SMART GLOVE™

MetalMan™

Your Food Safety Glove





World's First Blue Metal Detectable Nitrile Gloves

MetalMan™ is your food safety solution designed with detection sensitivity under a metal detector. Our detectable gloves are compliant with FDA CFR 177.2600 and are a smart choice for your occupational safety needs. Detectable in both dry and wet foodstuff, these soft gloves are food contact-safe, and biocompatible to skin.

Detectability

MetalMan™ features high detectability. It can detect as small as a 5mm³ piece. It also features a detection sensitivity of an iron ball (Fe) with a diameter of 0.5mm. The glove features a working frequency of 40kHz to 1mHz under an electromagnetic field.



Actual size

Material	Powder Free Nitrile
Length	9 inches
Thickness (Finger)	5.0 mil
Size	XS, S, M, L, XL, XXL
Weight	5.5g ± 0.3g
Color	Dual tone (Outer Blue & Inner Black)
Finishing	Finger Textured, Ambidextrous
Detection Sensitivity	0.5mm Fe, 1.0mm SS at 800kHz

** Tested with an industry-leading brand of metal detectors*

Why MetalMan™



World's First Blue Metal Detectable Nitrile Gloves



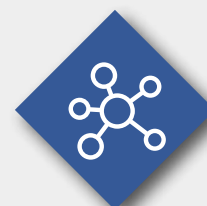
High Detectability



Food Contact Certified



Non-irritating Non-sensitizing



Free from plasticisers



Are your products safe from recalls?

A tiny rubber glove fragment found in your product can spark product recalls and cost millions of dollars.

This also risks a loss of confidence in your company's products and services. MetalMan™ can easily help you prevent rubber glove contamination.

Preventing Product Recalls using MetalMan™

MetalMan™, our metal detectable gloves can help you detect and reject rubber-contaminated products. Our range of metal detectable gloves stand out with their distinctive **blue** color.

As there are no naturally blue foodstuffs, this ensures that each fragment can be identified rapidly to avoid critical food contamination.

Comparison between Metal Detectable Nitrile and Vinyl Gloves

Criteria	Nitrile	Vinyl
Chemical Resistance	Strong	Weak
Puncture Resistance	Strong	Weak
Fitting	Fit	Loose
Tensile Strength	High	Low
Durability	Strong	Weak





2020 Asia-Pacific Metal Detectable Nitrile Gloves For the Food Industry

Frost & Sullivan's New Product Innovation Award

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As the manufacturer of the first-ever metal-detectable nitrile gloves for the food industry, Smart Glove is taking new product innovation to the next level.

Light, durable and with superior resistance to chemicals, the comfortably soft glove is ideal for users with latex allergy and complies with leading global food contact safety standards.

Another competitive advantage of this nitrile gloves is the detectable electromagnetic element that is able to detect even the smallest contaminants of less than 5 mm³ in both dry and wet foodstuffs.

The overwhelmingly positive feedback and recurring customer orders exemplify the excellent performance of the innovative solution in keeping food safe from contaminants. The new glove solution also showcases the strong commitment and potential of Smart Glove in leading innovation within the nitrile gloves segment to consistently surpass the competition and enable it to capture larger global market share in the future. ”



Food contact safe

Unlike vinyl gloves, nitrile gloves do not leach harmful carcinogenic phthalates into food

Allergy-free

Our gloves are made with nitrile - deeming them suitable for users with latex allergies

Comfortable

Providing dexterity and strength, our industry-leading gloves are easy to don and provide superb comfort

Uncompromised quality

Our gloves comply strictly with international quality standards, bringing you assurance and peace of mind

Standards & Compliances

FDA 21 CFR Part 177.2600	ASTM D7329-07	SI 2012 No. 2619	Japanese Food Sanitation Law
Substances for Use as Basic Components of Single and Repeated Use Food Contact Surfaces	Standards Specification for Food Preparation and Food Handling (Food Service) Gloves	The Material and Articles in Contact with Food (England) Regulation 2012	Specifications and Standards for Food and Food Additives, etc
Regulation (EC) No 1935/2004	Regulation (EU) No 10/2011	EN 1186	BfR Regulation XXI
Materials and Articles intended to come into contact with food	Plastic Materials and Articles intended to come into contact with food	Materials and Articles in Contact with Foodstuffs. Plastics	Commodities based on Natural and Synthetic Rubber
EN 374-1	EN 374-5	ISO10993	
Protective Gloves against Dangerous Chemicals and Micro-organisms – Type B	Protective Gloves against Viruses, Bacteria and Fungi	Biocompatibility test for irritation, skin sensitization and systemic toxicity	

Other specific local regulatory requirements can be fulfilled upon request.

Industry



Contact us for more information.

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