



Safeguarding Every Tomorrow

Personal Protective Equipment and Consumables



Medtecs International Corporation Limited (Medtecs) is the world's leading provider and distributor of personal protective equipment (PPE), and a trusted multi-national PPE stockpiling solutions provider to governments and group purchasing organizations around the world. As a key player in the healthcare industry, Medtecs' products include 3-ply disposable face masks, isolation gowns, and coveralls.

- Established since 1989
- Over 30 years of manufacturing experience
- Export to over 30 countries, including North America, Europe, Africa, South America, Australia, and Asia Pacific
- Available on Amazon, Newegg, and Alibaba

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About HAIs

According to the World Health Organization (WHO), healthcare-associated infections (HAIs) are the most frequent adverse events in healthcare delivery worldwide. Hundreds of millions of patients are affected by HAIs worldwide each year, leading to significant mortality and financial losses for health systems.

\$6.5 Billion economic damage in the USA per year.¹

1 in 31 hospital patients has at least 1 HAI in the US.²

€7 Billion economic damage in Europe per year.¹

1 in 15 hospital patients has at least 1 HAI in Europe.³

Use of proper PPE and disinfectants is considered as the easiest and most effective way to help prevent unnecessary cross-contamination.

Measures to prevent healthcare-associated infections⁴:



Surface
disinfection



Hand
disinfection



Personal
protective
equipment



1. https://www.who.int/gpsc/country_work/gpsc_ccisc_fact_sheet_en.pdf

2. <https://www.cdc.gov/hai/data/index.html>

3. <https://www.ecdc.europa.eu/sites/default/files/documents/healthcare-associated-infections-threat-patient-safety-infographic.pdf>

4. <https://www.cdc.gov/infectioncontrol/basics/standard-precautions.html>

Medtecs CoverU Series

Medtecs CoverU Series is a premium line of disposable protective apparel made from top quality material to provide superior protection.

This Series, which includes gowns, gloves, masks, and other medical garments, aims to safeguard the health and safety of healthcare providers and patients in high-risk situations and procedures.



Medical Protective Apparel

- Isolation gown
- Chemo gown
- Coverall
- Mask
- Shoe covers
- Bouffant cap

OR/Surgery

- Surgical gown
- Surgical cap

Medical Garment

- Scrub suit
- Lab coat



Application & Standards

The Right Protection for the Right Procedure

Many organizations such as Occupational Safety and Health Administration (OSHA) and CDCs worldwide have published general guidelines for the use of PPE, including gowns, within healthcare settings. In today's healthcare environment, it's more important than ever for healthcare providers to be equipped with the proper protective apparel to help reduce the spread of HAIs.

In addition, wearing a gown during procedures and patient-care activities can protect skin and prevent soiling of clothing from body fluids or hazardous substances. Select a gown that is appropriate for the activity and amount of fluid likely to be encountered.

The Association for the Advancement of Medical Instrumentation (AAMI) offers a widely accepted system of classification shown in the table below for protective apparel based on liquid barrier performance.^{1, 2, 3}

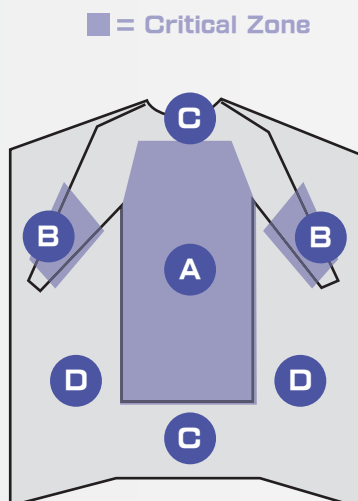
ANSI/AAMI PB70 Barrier Performance	Test Method	Requirements at 4% AQL	Anticipated fluid exposure	Application
AAMI Level 1	Water resistance : Impact penetration test. AATCC 42	Water impact ≤ 4.5 g	Minimal fluid levels	Basic care, standard hospital medical unit
AAMI Level 2	Water resistance : Impact penetration test. AATCC 42	Spray impact ≤ 1.0 g	Low fluid levels	Blood draw from a vein, suturing, intensive care unit, pathology lab
	Water resistance : Hydrostatic pressure test. AATCC 127	Hydrostatic Pressure ≥ 20 cm		
AAMI Level 3	Water resistance : Impact penetration test. AATCC 42	Spray impact ≤ 1.0 g	Moderate fluid levels	Arterial blood draw, IV insertion, emergency room, trauma
	Water resistance : Hydrostatic pressure test. AATCC 127	Hydrostatic Pressure ≥ 50 cm		
AAMI Level 4	ASTM F1671, Standard Test Method for Resistance of Materials Used in Protective Clothing to Penetration by Blood-Borne Pathogens Using Phi-X174 Bacteriophage Penetration as a Test System	Pass: no penetration at 2 psi (13.8 kPa)	High fluid levels	Pathogen resistance, infectious diseases (non-airborne), large amounts of fluid exposure over long periods

1. Association for the Advancement of Medical Instrumentation (AAMI), Liquid barrier performance and classification of protective apparel and drapes intended for use in health care facilities (ANSI/AAMI PB70:2012)

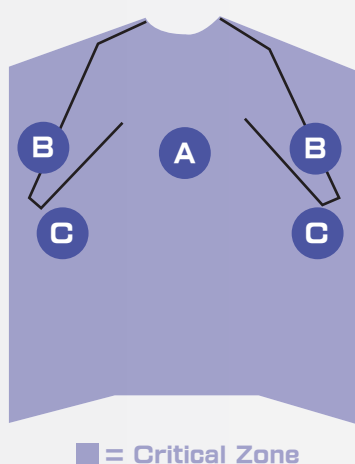
2. Selection and use of protective apparel and surgical drapes in health care facilities. AAMI TIR11:2005/(R)2015

3. Medical Gowns <https://www.fda.gov/medical-devices/personal-protective-equipment-infection-control/medical-gowns>

Differences Between Surgical Gown & Isolation Gown¹



VS



Surgical Gown

- Can be sterile or non-sterile.
- The entire front of the gown (areas A, B, & C) is required to have a barrier performance of at least Level 1.
- The critical zone comprises at least areas A & B. The classification of the surgical gown is based on the lower-performing component of the two.
- The back of the surgical gown (area D) may be non protective.
- Seams between protective and non protective areas have no barrier requirements.
- Seams between two protective areas are required to have at least the barrier performance of the lower performing area.
- Comply with ASTM F2407-20.

Isolation Gown

- The entire isolation gown (areas A, B, & C), including seams but excluding cuffs, hems, and bindings, is required to have a barrier performance of at least Level 1.
- Comply with ASTM F3352-19.

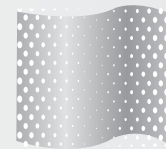
1. Association for the Advancement of Medical Instrumentation (AAMI), Liquid barrier performance and classification of protective apparel and drapes intended for use in health care facilities (ANSI/AAMI PB70:2012)

Material & Style

Single-use protective apparel are commonly made of nonwoven materials (although other types of materials may be used), alone or in combination with materials such as plastic films that offer increased protection from liquid penetration. The most commonly used nonwoven fabrics for protective apparel are as follows:

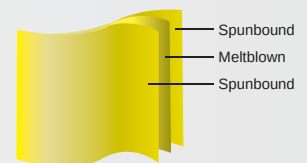
Polypropylene Spunbond (PPSB)

For basic infection control, this nonwoven fabric bonds fibers together to form a single layer that is appropriate for very light fluid exposure.



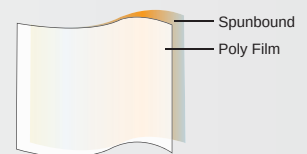
Spunbond Meltblown Spunbond (SMS)

A multi-layer fabric consisting of an inner layer of meltblown polypropylene between the outer layers of spunbond polypropylene that are thermally or adhesively bonded. Spunbonded materials are made up of continuous filaments formed by in-line melt spinning. Meltblown materials are similar in that they are formed from a polymer by means of in-line melt spinning, but the fibers are finer and might not be continuous.



Polyethylene (PE)-Coated Polypropylene (PP)

A multi-layer fabric comprising nonwoven spunbond polypropylene fabric layer coated with a film. Ideal for wear for an extended period of time.



Polyethylene (PE)

A single layer of polyethylene film provides maximum fluid protection at an affordable cost.



Wrist, neck, and back style can vary from gown to gown. Use this style guide to understand the differences.

Back style options



Wrist style options



Knit cuff

Thumb-hook

Elastic wrist

Neck style options

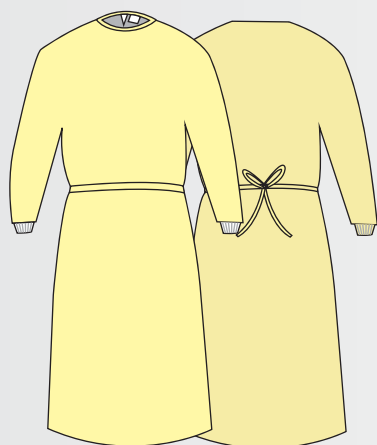


Tie-neck

Tape tab

Over-the-head

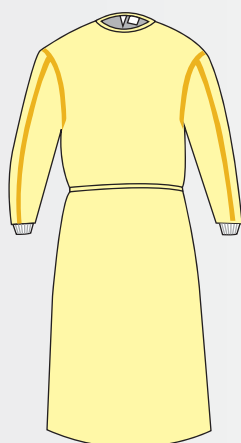
Disposable Isolation Gown



IL-2025YTU

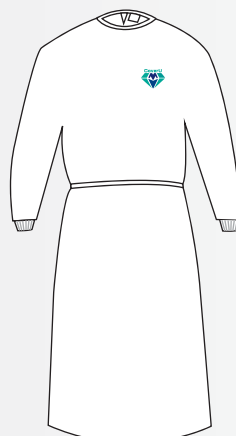
- Latex free.
- Ultra-sonic welded seams provide superior strength.

Medtecs CoverU Disposable Isolation Gown provides protection based on AAMI guidelines and helps reduce the risk of contamination and transmission of infectious agents.



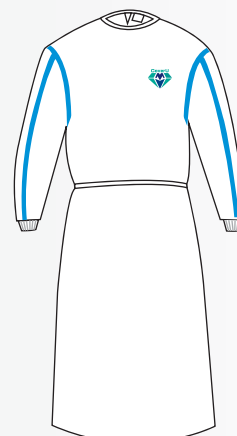
IL-4036YKTP

(Without Tape)



IL-4063WK

(With Tape)



IL-4063WKTP

- Overlock seams with tape design provide optimized performance on hydrostatic pressure and fluid impact.
- Single-use, disposable, and latex free.

Medtecs CoverU AAMI Level 2 Isolation Gown

Product Code	Material	Size	Color	Description	Package
IL-2025YTU	SMMS	Universal	Yellow	Over-the-head Thumb-hook	10 pcs/bag 100 pcs/carton

Medtecs CoverU AAMI Level 3 Isolation Gown

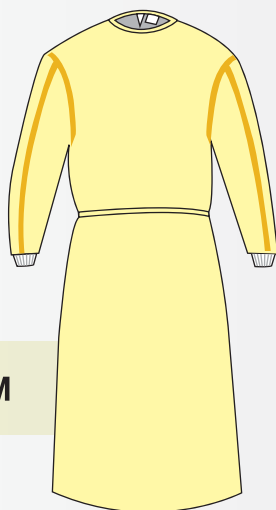
Product Code	Material	Size	Color	Description	Package
IL-4036YKTP	PP+PE	Universal	Yellow	Tie-neck Knit cuff	10 pcs/bag 100 pcs/carton

Medtecs CoverU AAMI Level 4 Isolation Gown

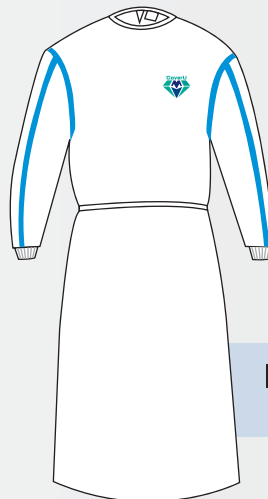
Product Code	Material	Size	Color	Description	Package
IL-4063WK IL-4063WKTP	PP+PE	Universal	White	Tie-neck Knit cuff	10 pcs/bag 100 pcs/carton

Disposable Chemo Gown

Medtecs CoverU Disposable Chemo Gown is intended to protect healthcare personnel from exposure to chemotherapy drugs during preparation, handling, and administration. The material used in these gowns has been tested against the following chemotherapy drugs per ASTM F739-12 where no breakthrough was observed during test duration of 480 minutes based on average standardized breakthrough time.



IL-4036YKTP-CM



IL-4063WKTP-CM
(With Tape)

- | | |
|---|--|
| ☐ Carmustine [3.3 mg/ml] | ☐ Methotrexate [25 mg/ml] |
| ☐ Cisplatin [1.0 mg/ml] | ☐ Mitomycin C [0.5 mg/ml] |
| ☐ Cyclophosphamide [20 mg/ml] | ☐ Mitoxantrone [2.0 mg/ml] |
| ☐ Cytarabine Hydrochloride [100 mg/ml] | ☐ Paclitaxel [6 mg/ml] |
| ☐ Dacarbazine [10 mg/ml] | ☐ Thiotepa [10 mg/ml] |
| ☐ Daunorubicin Hydrochloride [5 mg/ml] | ☐ Vincristine Sulfate [1 mg/ml] |
| ☐ Doxorubicin Hydrochloride [2 mg/ml] | ☐ Docetaxel [10 mg/ml] |
| ☐ Etoposide [20 mg/ml] | ☐ Oxaliplatin [5 mg/ml] |
| ☐ Fluorouracil [50 mg/ml] | ☐ Leucovorin [10 mg/ml] |
| ☐ Ifosfamide [50 mg/ml] | |

Details



Knit cuff



Waist tie



Tie-neck

Medtecs CoverU Chemo Gown

Product Code	Material	Size	Color	Description	Package
IL-4036YKTP-CM	PP+PE	Universal	Yellow	Tie-neck Knit cuff	100 pcs/carton
IL-4063WKTP-CM	PP+PE	Universal	White	Tie-neck Knit cuff	10 pcs/bag 100 pcs/carton

Disposable Surgical Gown

Medtecs Disposable Surgical Gown is a device that is intended to be worn by operating room personnel during surgical procedures to protect both the surgical patient and the operating room personnel from transfer of microorganisms, body fluids, and particulate materials. The gown is classified as Level 3 per AAMI Standard PB70 Liquid barrier performance and classification of protective apparel and drapes intended for use in healthcare facilities. (AAMI Level 3 at reinforced area, and Level 1 at non-reinforced area).



Medtecs Disposable Surgical Gown

Model Name	Material	Fabric weight	Size	Color	Sterilization	Package
SG74100	SMS	45 gsm	M, L, XL, XXL	Blue	EO Sterilized	25 pcs/carton
SG74700	SMS	45 gsm	M, L, XL, XXL	Blue	Non-sterile	25 pcs/carton
SG94100	PPSB + Film + Thermal Bond	68 gsm	M, L, XL, XXL	Blue	EO Sterilized	25 pcs/carton
SG94700	PPSB + Film + Thermal Bond	68 gsm	M, L, XL, XXL	Blue	Non-sterile	25 pcs/carton

Coverall

Medtecs CoverU Disposable Coverall is designed to protect workers from hazardous substances, allergens, or exposure to body fluids. This white disposable hooded coverall is ideal for hospital settings requiring full body coverage. It is a one-piece with zip-up design for easy donning and doffing.

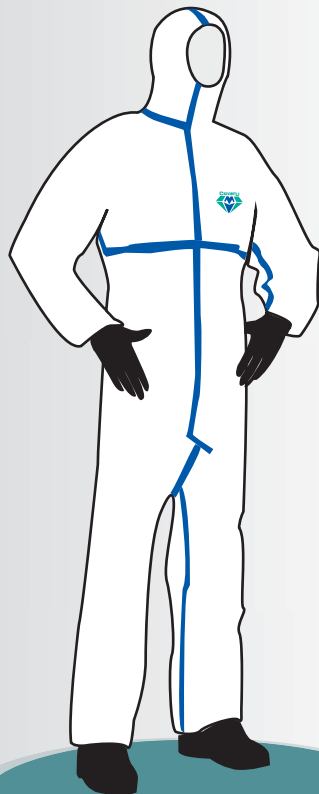
EN14126



Type 6(B)



- ✓ Breathable and impervious
- ✓ Passed ASTM F1670, ASTM F1671
- ✓ Passed Type 6(B), EN14126
- ✓ Hood design provides overall protection
- ✓ With elastic wrist and open ankle



IL-3063WEHTP



IL-3063WEH

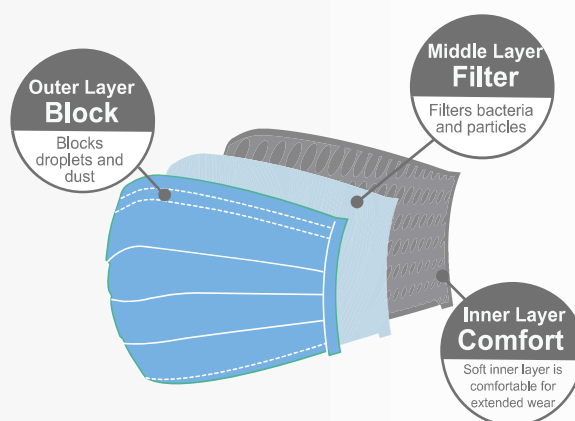
Product Code	Material	Size	Color	Package
IL-3063WEHTP	PPSB+PE	XS-3XL	White	50 pcs/carton
IL-3063WEH	PPSB+PE	XS-3XL	White	50 pcs/carton

Disposable Face Mask

Our 3-ply mask is designed to help block and filtrate transmission of large-particle droplets and aerosols. It also reduces the frequency of hand-to-face contact.

- ✓ Passed ASTM F2100 Level 1/ EN 14683 Type IIR
- ✓ 3 different sizes available to choose for kids & adults (17.5 x 9.3 cm/15.5 x 9.3 cm/13.5 x 9.3 cm)
- ✓ Multiple colors available

- **OUTER LAYER:** Hydrophobic nonwoven layer designed to repel water, blood, and other body fluids.
- **MIDDLE LAYER:** Meltblown layer designed to filter certain pathogens.
- **INNER LAYER:** Soft, absorbent nonwoven layer designed to absorb moisture and sweat from exhalation.



Detailed product description	3-ply face mask
Color	Multiple colors available
Bacterial filtration efficiency (BFE) (%)	≥ 98%
Synthetic Blood Penetration (Pressure: 120 mmHg)	Pass
Sub-micron Particle filtration efficiency (PFE) (%)	≥ 95% (0.1 micron)
Differential Pressure (mmH ₂ O/cm)	≤ 4.0
Differential Pressure (Pa/cm ²)	≤ 49.0
Microbial Cleanliness (cfu/g)	≤ 30
Flammability	No ignition
Sterilization	Non sterile



Others



Face Shield

- ✓ Anti-fog, anti-splash, and anti-static
- ✓ Latex free, fiberglass free, and distortion free.
- ✓ Light weight and optically clear.
- ✗ Do not use as protection against open flame or sparks.

- Material: double-sided anti-fog PET
- Size: 32cm*22cm
- Packaging: 1 pc/bag, 200 pcs/carton



Disposable Bouffant Cap

- ✓ Made of breathable, fluid-repellent PPSB.
- ✓ Puffy-shaped, elastic design around the head for secure fit.

- Material: 100% PPSB
- Fabric weight: 14 gsm
- Colors: White/Blue/Green
- Style No.:
CA1014W21/24 : White, 21"/24"
CA1014B21/24 : Blue, 21"/24"
CA1014G21/24 : Green, 21"/24"
- Packaging: 100 ea/bag, 1000 ea/carton



Anti-skid Shoe Cover

- ✓ Anti-skid printed.

- Material: 100% PPSB
- Fabric weight: 35 gsm
- Colors: Light Blue
- Style No.:
SC1035-R: Regular Size
SC1035-XL: X-Large Size
- Packaging: 100 ea/bag, 1000 ea/carton

Medtecs Shield

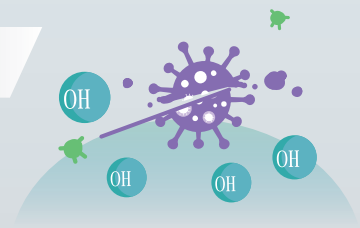
Medtecs Shield is a collection of antiviral products to help people stay healthy during their day-to-day lives. The collection utilizes new nanocomposite made of environmentally friendly titanium dioxide and silver ion with such properties as self-cleaning, ultra-high temperature resistance (up to 500°C), as well as viral and bacterial growth suppression. When activated, the nanocomposite forms a highly reactive anti-viral, anti-bacterial film on surfaces. By integrating the patented anti-viral technology, products in the Medtecs Shield collection provide 99% long-lasting protection of up to 180 days from viruses, bacteria, and molds.



Medtecs Shield

Anti-Viral Spray

- ✗ NO alcohol & artificial flavors
- ✗ NO triclosan & preservatives
- ✓ Non-toxic & Long-lasting effect



Mouse



Keyboard



Doorknob

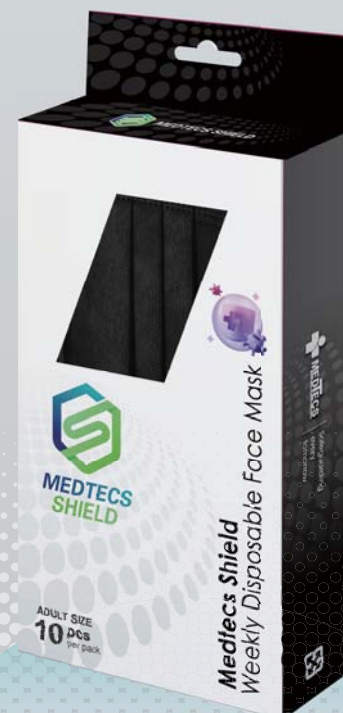
Can be applied to tablets, keyboards, mouse, medical equipment, and any other surfaces and objects where your face and hands touch frequently.

Medtecs Shield

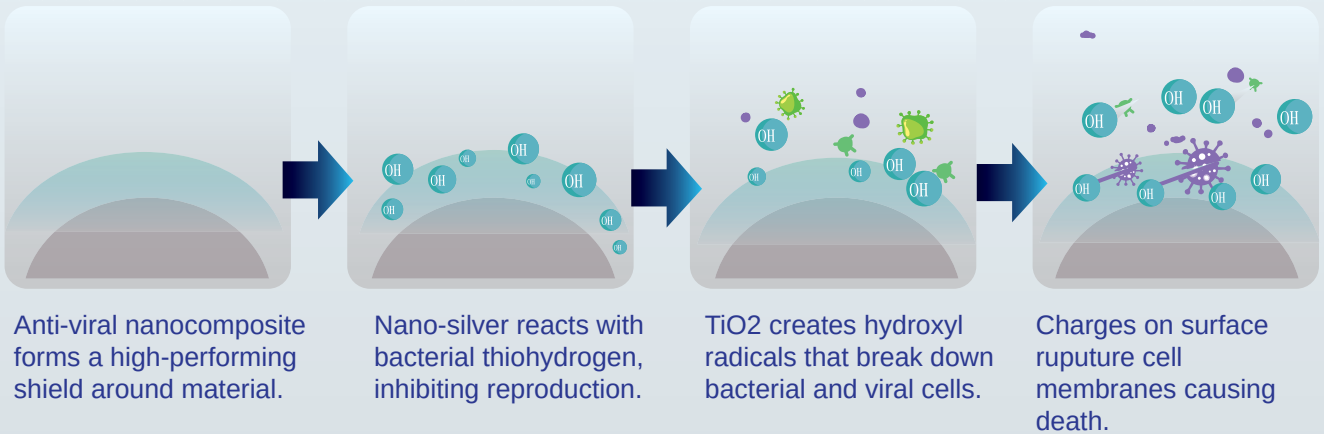
Anti-Viral Weekly Disposable Mask

The mask not only blocks droplets and regular particles but also provides long-lasting antiviral protection. The mask is reusable and can be worn for up to 7 days without unpleasant odor.

- ✓ Anti-microbial
- ✓ Cost-effective
- ✓ Eco-friendly



Mechanism of Action & Efficacy Data



Medtecs Shield	180 Days
Alcohol 75%	Few Seconds
Hypochlorous acid water	Few Seconds
Bleach	Few Seconds
Other brands	3-4 Hours



MICROBAC[®]

SGS

Effective against :

- SARS-CoV-2, UK Variant (B.1.1.7)
- SARS-CoV
- Influenza A virus (H1N1)
- Enterovirus
- Staphylococcus Aureus
- Escherichia Coil
- Salmonella enterica
- Legionella Pneumophila
- Proteus Mirabilis
- Candida Albicans

Low toxicity :

- Hypoallergenic
- No cytotoxicity
- Passed oral toxicity
- Passed dermal toxicity
- RoHS compliant



MEDTECS SHIELD



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