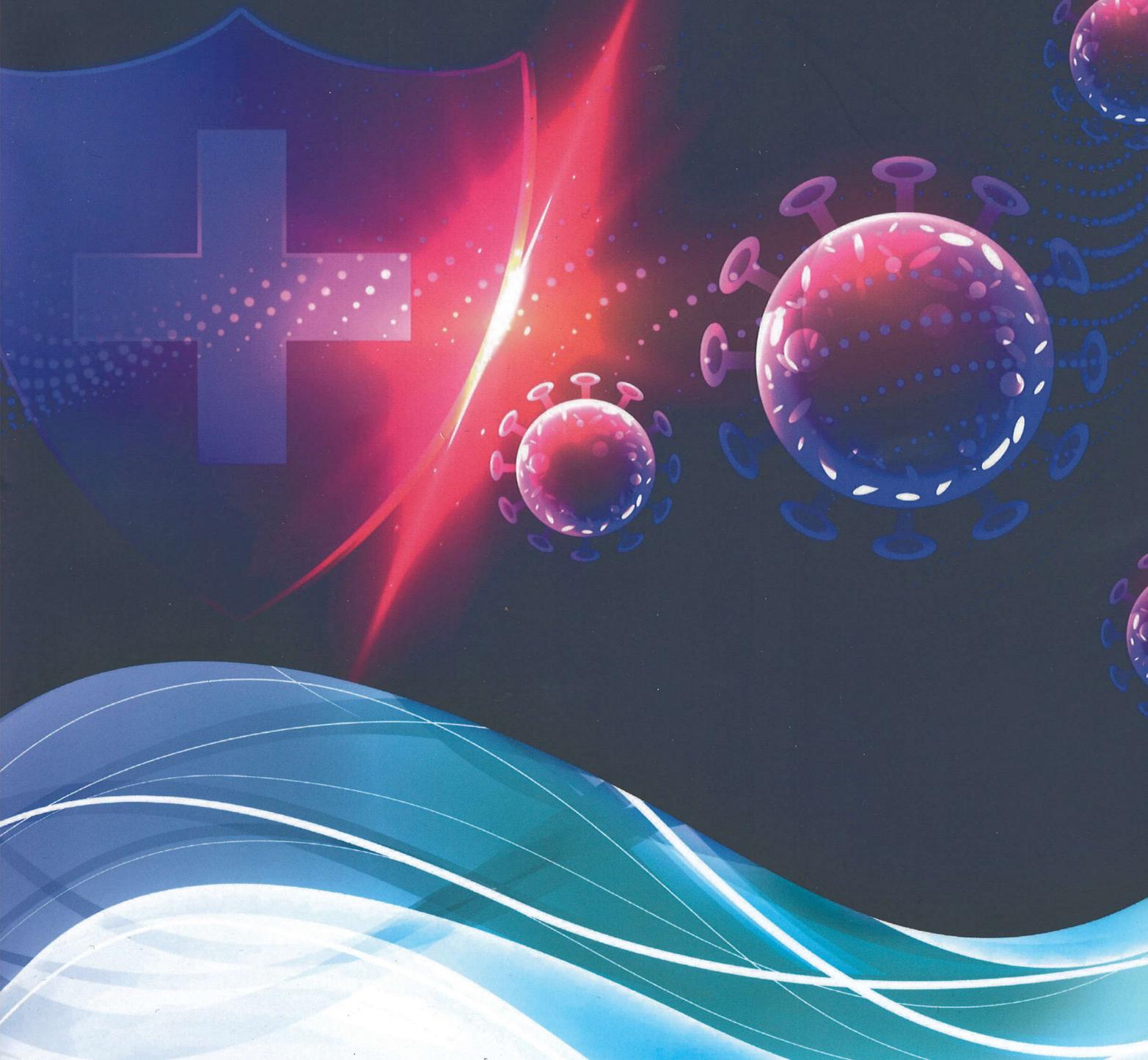
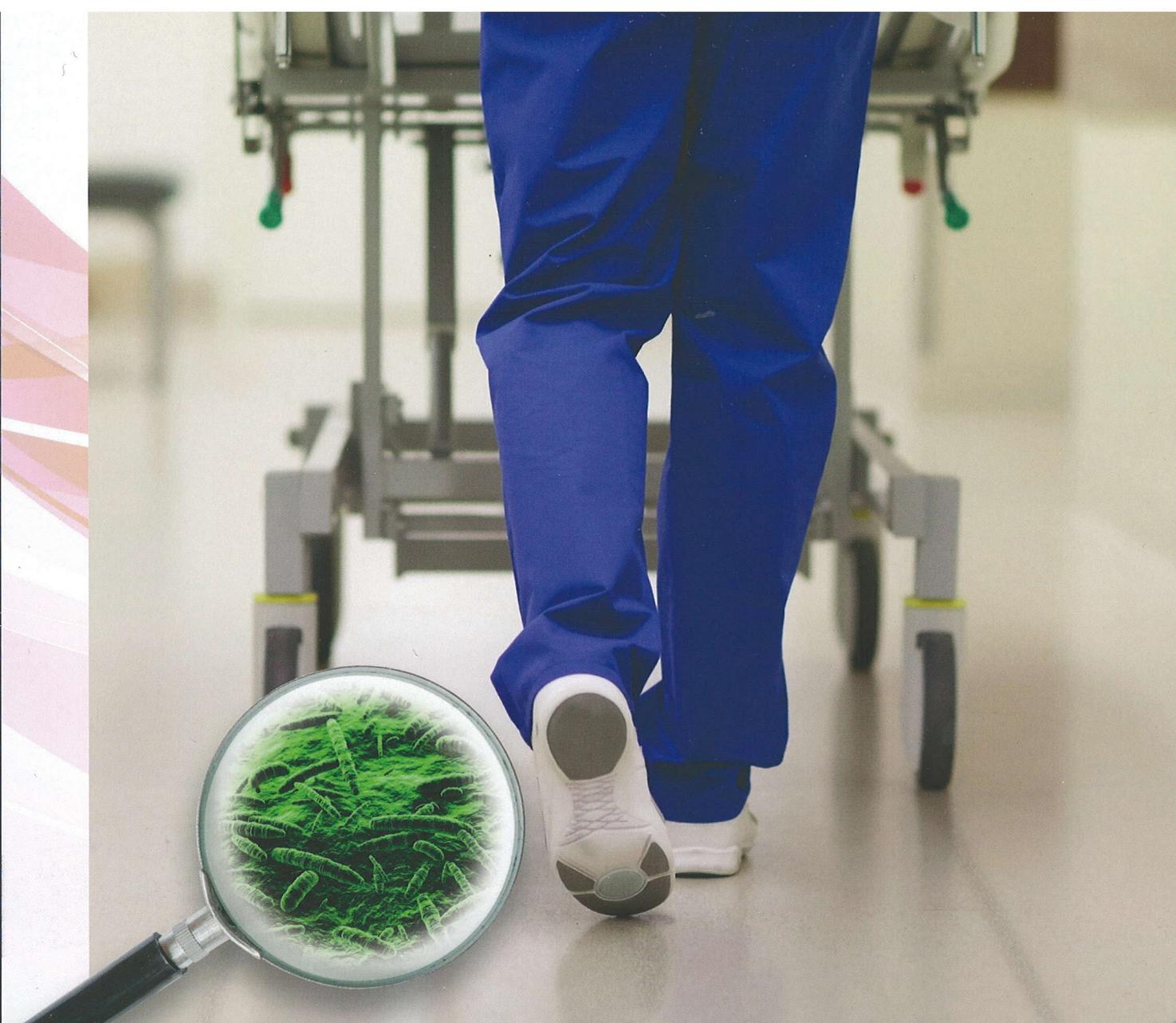


CBSMedical
disposable adhesive mats



Antibacterial and decontaminating products





Essential where it is required
the maximum hygiene
and decontamination

OUR CUSTOMERS:

Public hospitals
Nursing homes
Medical surgeries
Dental clinics

Pharmacies
Pharmaceutical industries
Food industries
Cosmetic industries
Medical industries

Electronics lab
Medical analysis laboratories
Retailers of floors
Sports centres
Research centres

Antibacterial mats with Biomaster have been tested by independent laboratories according to the **ISO 22196:2011** standard to demonstrate effective antimicrobial efficacy:

Acinetobacter baumannii by > 99,999 %

Pseudomonas aeruginosa by > 99,999 %

Listeria monocytogenes by > 99,999 %

Klebsiella pneumoniae by > 99,999 %

Enterococcus faecium by > 99,992 %

MRSA by > 99,84 %

Escherichia coli by > 99,99 %

SARS-CoV-2_COV2019 tested

The University of Ferrara, in particular the chair of Cytology and Histology, has published an experimental analysis on the use of decontaminating carpets in hospitals.

The study shows that the use of CBS Medical antibacterial mats results in a significant reduction of the microbial load caused by the passage of staff and also of the beds mounted on wheels in the floor area beyond the mat itself.



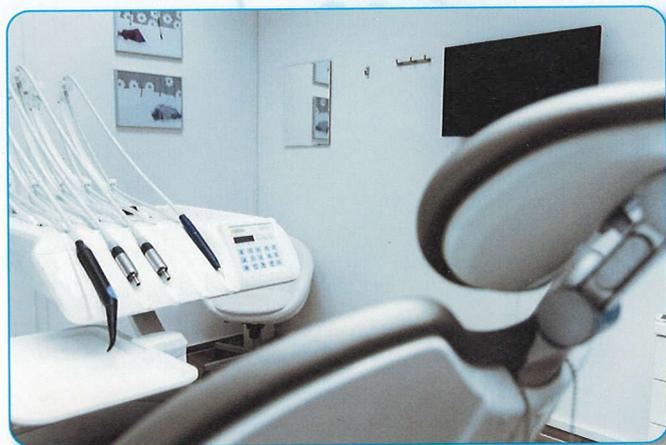


Antibacterial and decontaminating Mats

The use of decontaminating and antibacterial mats with Biomaster significantly reduces the presence of microorganisms. Therefore they are considered as necessary devices especially in the access areas at risk, such as operating theatres, departments with immunosuppressed patients, food and pharmaceutical sectors/industry.

The presence of microorganisms during the passage of carts or people it is usually underestimated. The greatest danger is to contaminate these risk areas: by walking or passing with trolleys, the resistant microorganisms are lifted, becoming a source of infection.

To reduce this type of contamination, our research and development department has developed decontaminating and antibacterial mats. **Antibacterial mats are medical device of class 1 (CE)**; not only a dust catcher but a device with certified biocidal capacities.





THE MATS CAN BE CUSTOMIZED WITH YOUR LOGO

Colour code:



DECONTAMINATING MAT

CODE	MEASURES CM	MEASURES INCHES
3L49	45x90	18x36
3L41	45x115	18x45
3L69	60x90	24x36
3L61	60x115	24x45
3L91	90x115	36x45
3L150	90x150	36x60
3L115	115x150	45x60
3L240	115x240	45x95
3L350	115x350	45x138

Colour code:



ANTIBACTERIAL MAT

ENROLLED IN THE MEDICAL DEVICES DIRECTORY

CODE	MEASURES CM	MEASURES INCHES
3L49BIO	45x90	18x36
3L41BIO	45x115	18x45
3L69BIO	60x90	24x36
3L61BIO	60x115	24x45
3L91BIO	90x115	36x45
3L150BIO	90x150	36x60
3L115BIO	115x150	45x60
3L240BIO	115x240	45x95
3L350BIO	115x350	45x138

Mats composed by 30 or more layers with adhesive bottom. Packs of 4 or 8 mats.



Custom sticky mats frame

The custom bases are designed to be used with decontaminating transparent sticky mats.

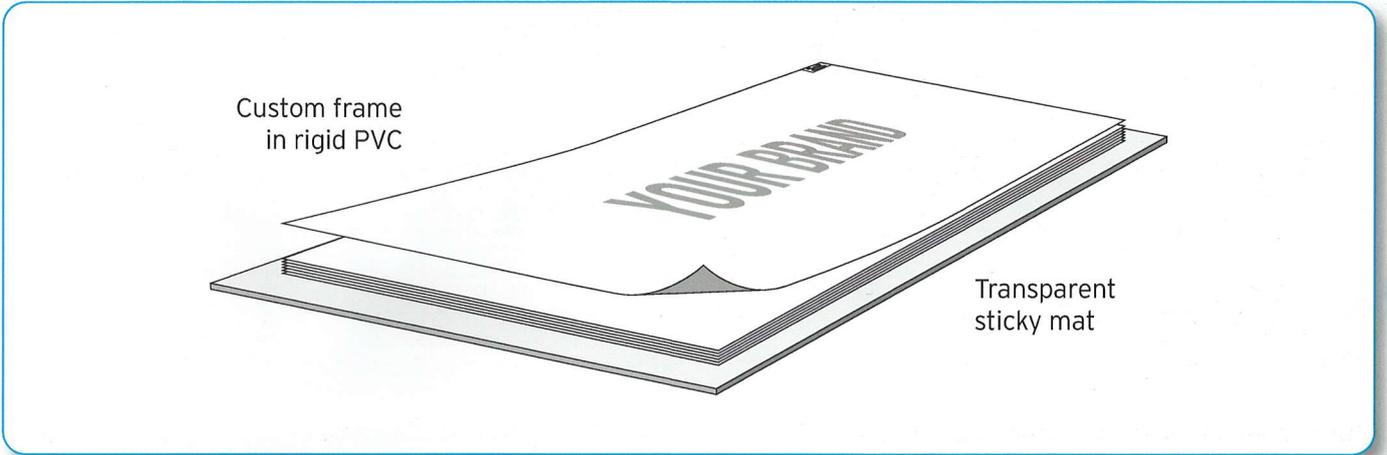
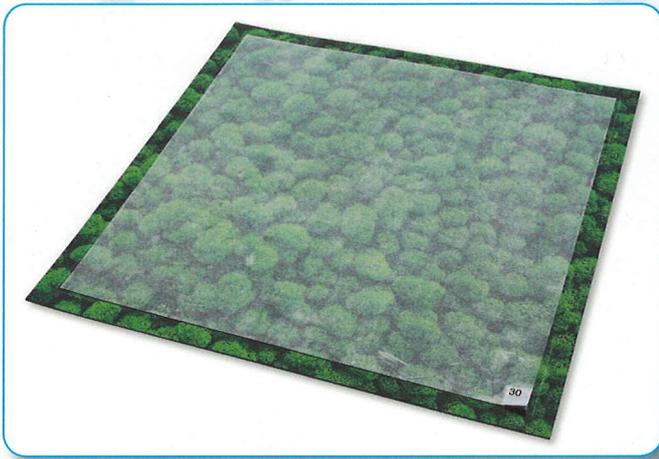
- permanent
- long-lasting
- made of rigid PVC
- removable double-sided tape applied to the base. It does not leave any residue and holds the mats in place on almost any surface

The refill kit is composed by 4 mats (=120 sheets)

AVAILABLE SIZES

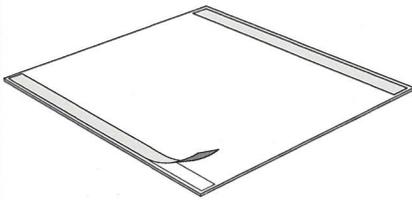
FRAME / BASE		MATS	
CM	INCH	CM	INCH
50X95	20X38	45x90	18x36
50X120	20x47	45x115	18x45
65X95	26x38	60x90	24x36
65X120	26x47	60x115	24x45
CUSTOM SIZES		CUSTOM SIZES	

MINIMUM ORDER QUANTITY FOR THE PRINTING OF CUSTOM LOGO: 4 PIECES

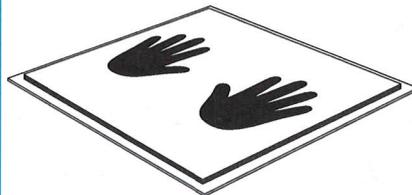


HOW TO PLACE THE FRAME AND REPLACE THE MATS

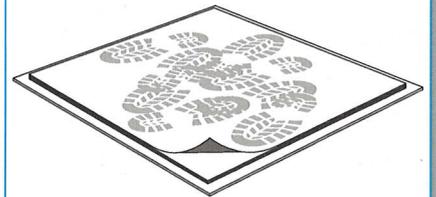
Remove the protective film from the back of the frame.



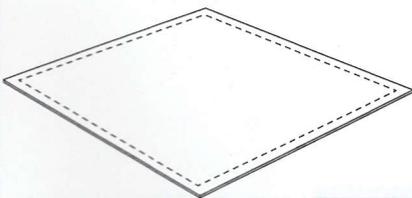
Remove the protective film from the back of the mat and place it on the frame. Press with hands. Remove the upper protective layer.



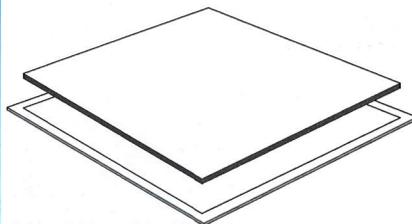
When the layer of the mat is dirty, remove it by pulling the numbered label.



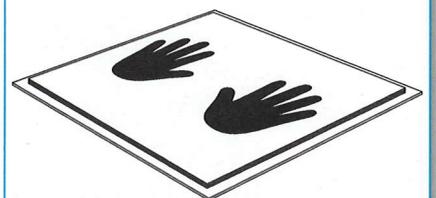
When the 30 layers are finished, do not remove the frame.



Correctly place the new mat.



Press with hands and finally remove the protective upper layer.





Permanent Washable Decontaminating Antibacterial Sticky Mat

Permanent washable tack mat, made of antibacterial PVC. It maintains its protection permanently.

- Made of PVC
- Suitable in all types of floor
- Anti-slip
- Impermeable surface
- Long lasting
- Suitable for weight wheeled traffic
- It prevents the growth of organisms
- Easy to clean
- Maximum height: 2m (78 inch)
- Maximum length: 10m (393 inch)
- Dimensions on request
- Colour: blue
- It reduces the electrostatic charges
- Stickiness: High
-

MAINTENANCE:

The cleaning of the mat is a very quick and easy process: with our Deter Med - specific for washable mats, or with a generic detergent, mop and squeegee.

PRODUCT LIFE EXPECTANCY:

three years (to be used only for pedestrian and light wheeled traffic)

USE:

For pedestrian and light wheeled traffic due to its high resistance

APPLICATIONS

Hospital Sector:

Public Hospital, Private Care Home, Private Medical Outpatient Clinic, Dentist, Pharmacy, etc.

Industrial Sector:

Pharmaceutical Industry, Food Industry, Cosmetic Industry, Electronics Laboratory, Clinical Analysis Laboratory, Sports Centre, Research Centre, etc.



ANTIBACTERIAL PROPERTIES

The antibacterial properties of the surfaces are designed to prevent the growth of organisms. So, the organisms cannot be transferred during the transition.

Tests have demonstrated that the active substances are effective to neutralize rapidly many common organisms. Unlike other non-antimicrobial products, 573680 provides a 100% protection due to its effective formula. The antibacterial properties are in accordance with ISO 22196: 2011.

Name of Microorganisms	Inoculation of Microorganisms cfu/mL	U ₀	U _t	A _t	Antibacterial Activity (R)
Staphylococcus aureus ATCC 6538	6.4x10 ⁵ : 5.80	3.2x10 ⁵ : 5.50	1.6x10 ⁴ : 4.20	4.0x10 ¹ : 1.60	2.60
E. coli ATCC 8739	6.3x10 ⁵ : 5.79	4.5x10 ⁵ : 5.65	3.4x10 ⁴ : 4.53	3.0x10 ¹ : 1.47	3.06

U₀ Average of logarithmic numbers of viable bacteria after inoculation on untreated test pieces (0. hour) cfu/mL

U_t Average of logarithmic numbers of viable bacteria after inoculation on untreated test pieces after 24h. cfu/mL

A_t Average of logarithmic numbers of viable bacteria after inoculation on antibacterial test pieces after 24h. cfu/mL

R = (U_t-U₀)- (A_t-U₀)= U_t-A_t

- Effective antibacterial technology which protects against dangerous bacteria as Staphylococcus Aureus and E.coli.
- The film had been soaked in the antibacterial fluid in order to provide the maximum protection.
- Non-toxic ingredients due to the FDA standard.
- In accordance with the regulations on biocides.
- Non-phthalates ingredients.

TECHNICAL DATA

Thickness	3,1 ± 0,1 mm
Weight	3,70 kg/m ² (±10%)
Hardness	65 ± 3 Shore A - Din 53505
Working Temperature (Long Term)	-15 / +80 °C
Working Temperature (Short Term)	-15 / +100 °C

GENERAL CHARACTERISTICS

Antimicrobial Protection	ISO 22196: 2011
High Conductive	ISO 284& 21178
Food Approved	FDA 21 CFR & EU 10/2011
Flame Retardant	ISO 430



Permanent Washable Decontaminating Sticky Mat

Permanent washable tack mat, made of PVC. It maintains its protection permanently

- Made of PVC
- Suitable in all types of floor
- Anti-slip
- Impermeable surface
- Long lasting
- Suitable for weight wheeled traffic
- It prevents the growth of organisms
- Easy to clean
- Maximum height: 2m (78 inch)
- Maximum length: 10m (393 inch)
- Colour: white
- It reduces the electrostatic charges
- Stickiness: High

MAINTENANCE

The cleaning of the mat is a very quick and easy process: with our Deter Med - specific for washable mats, or with a generic detergent, mop and squeegee.

WEEKLY ANTIBACTERIAL MAINTENANCE:

after the daily cleaning, spray the mat with the Biomaster detergent AT100 once a week and let dry. This treatment makes the mat surface antibacterial for seven days.

PRODUCT LIFE EXPECTANCY

Three years (to be used only for pedestrian and light wheeled traffic)

USE

For pedestrian and light wheeled traffic due to its high resistance

APPLICATIONS

Hospital Sector:

Public Hospital, Private Care Home, Private Medical Outpatient Clinic, Dentist, Pharmacy, etc.

Industrial Sector:

Pharmaceutical Industry, Food Industry, Cosmetic Industry, Electronics Laboratory, Clinical Analysis Laboratory, Sports Centre, Research Centre, etc.



TECHNICAL DATA

Thickness	3,1 ± 0,1 mm
Weight	3,70 kg/m ² (±10%)
Hardness	65 ± 3 Shore A - ISO 868
Working Temperature (Long Term)	-15 / +80 °C
Working Temperature (Short Term)	-15 / +100 °C

GENERAL CHARACTERISTICS

Antistatic	ISO 284 & 21178
High Conductive	ISO 284 & 21178
Food Approved	FDA 21 CFR & EU 10/2011
Flame Retardant	ISO 430