

Munsch & Co

"Keeping You Working"



**ANTI-
BAC**

Antibacterial Vinyl

FOR DOORS AND PARTITIONS

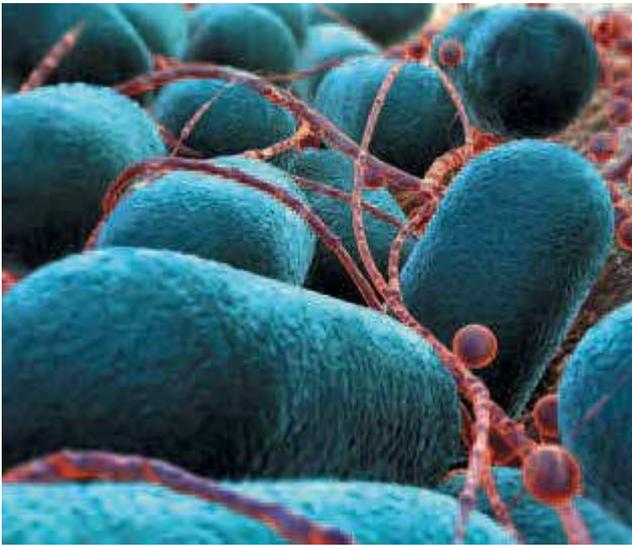
FIGHT AGAINST INFECTIOUS RISK



There are 3,000,000+ DRS⁽¹⁾ deaths each year.

98% are caused by bacteria in the lower respiratory system and remains the most deadly communicable disease.

Infectious risk is present in industrial environments, surgical units, in food-processing and pharmaceutical production, as well as in research laboratories.



Bacteria Escherichia coli (E. coli)



Bacteria Klebsiella pneumoniae

THE SOLUTION AGAINST INFECTIOUS RISK

In order to fight infectious risk, we have worked with our manufacturer who have incorporated an antibacterial agent into its soft vinyl which has led to the creation of our **ANTI-BAC** range.

The **ANTI-BAC** vinyl technology protects against bacteria in sensitive areas, such as hospitals, food preparation areas, laboratories, and other places with high footfall.

Common bacteria with associated symptoms:

BACTERIA	SYMPTOMS
<i>Escherichia coli (E. coli)</i>	Severe diarrhoea and abdominal cramps.
<i>Klebsiella pneumoniae</i>	Cough, fever, shaking, chills, chest pains.
<i>Staphylococcus aureus/ Methicillin-resistant Staphylococcus aureus (MRSA)</i>	Skin infections, respiratory disease and can cause food poisoning.

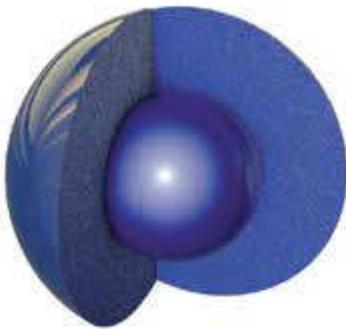
⁽¹⁾ DRS = Disease of the respiratory system. WHO Data 2018

THE ANTI-BAC TECHNOLOGY

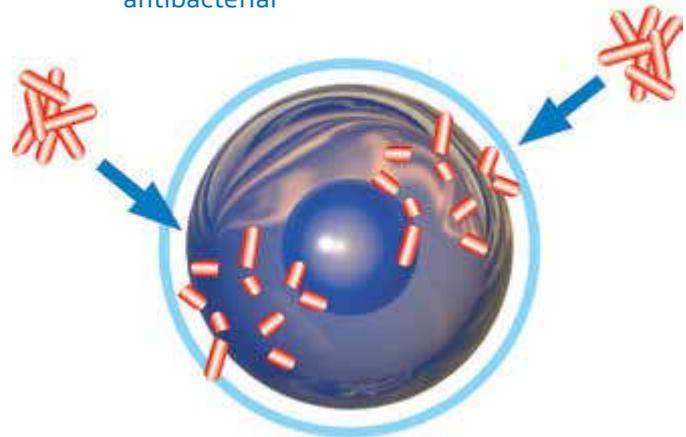
The ANTI-BAC technology incorporates an antibacterial agent in the vinyl matrix making the surface active for a long lasting effect.



The antibacterial agent is entrapped in the soft vinyl compound.



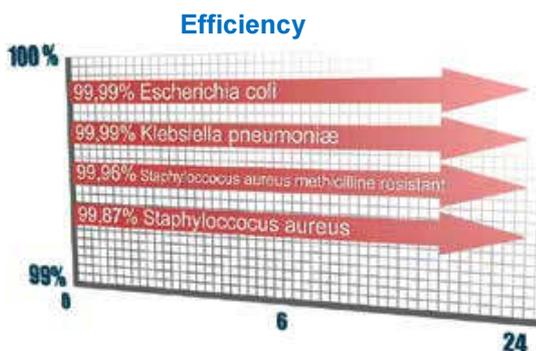
The soft vinyl strip or sheet becomes antibacterial



ANTI-BAC FEATURES

Antibacterial efficiency.

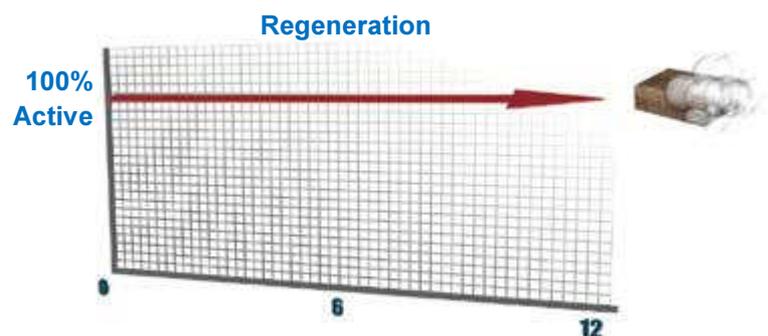
✓ ANTI-BAC has over 99.9% efficiency on most bacteria.



Long-lasting efficiency.

✓ ANTI-BAC keeps its efficiency even after being washed.

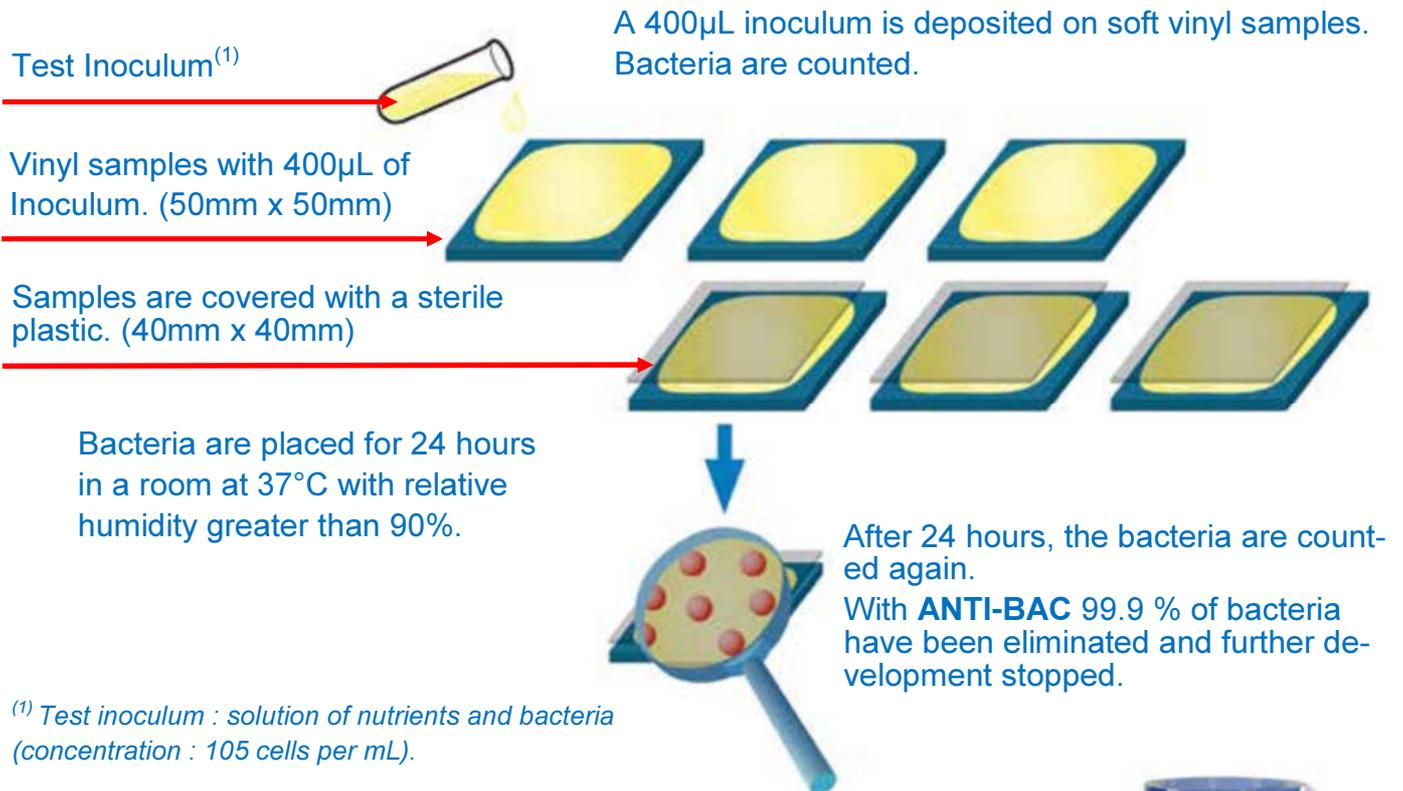
✓ ANTI-BAC requires only light maintenance, it can be washed with soapy water.



Tested by the Institut de Recherche Microbiologique, IRM, Mitry-Compans, France, during 2 years of use. Conforms with ISO 22196:2011 and JIS Z 2801:2000. Study available on request.

ISO TEST PROTOCOL

ANTI-BAC is compliant with the ISO 22196:2011 and the JIS Z 2801:2000 standards. Its efficiency has been tested over a period of 2 years



FEATURES

- Antibacterial vinyl complying with ISO 22196 and JIS Z 2801
- Odourless Antibacterial agent
- Transparency/clarity
- Flexibility
- Thermal insulation
- Noise insulation
- Long durability
- Impact & scratching resistance
- High resistance to chemicals
- Environment friendly & recyclable



ANTI-BAC is stocked in the following sizes. Strip - 150mm x 2mm, 200mm x 2mm, 300mm x 3mm with ribbed options on the 200mm and 300mm for greater wear resistance. All rolls are 50 metres. Sheeting is available in 20 metre rolls, 1500mm wide by 7mm or 10mm thick. Additional sizes are available subject to minimum order quantity.

APPLICATIONS

ANTI-BAC vinyl has been specially formulated to bring antibacterial properties to flexible vinyl in addition to all of the vinyl's existing qualities (clarity, flexibility, brightness, durability, and strong resistance to impact).

ANTI-BAC complies with the International ISO 22196 and Japanese JIS Z 2801 standards to guarantee the highest Antibacterial effect.

ANTI-BAC prevents the development of bacterial niche and their proliferation in sensitive areas.

It is recommended in slaughterhouses, food preparation and food processing areas, restaurants, hospitals, pharmaceutical laboratories, health centres, schools, industrial premises and commercial shops, etc...



ANTI-BAC Curtain in Food Production Area



ANTI-BAC Chiller Curtain



ANTI-BAC Crash Door



ANTI-BAC Curtain in Refrigerated Lorry

ALTERNATIVE PVC



ANTI-MICRO Perforated

ANTI-MICRO is an Anti-Microbial PVC utilising silver ION technology to help eradicate the spread of bacteria including MRSA and E-Coli and salmonella, whilst the perforations combine ventilation and insect proofing in environments such as kitchens, clean rooms, restaurants, laboratories, food stores, wet rooms or any other area where hygiene is paramount.

Even with the perforations, this grade retains its clarity with excellent light transmission, together with being hard-wearing.

This grade adheres to REACH regulations and complies with both FDA and EC1935:2004.

Test Data

Test Method	With reference to ASTM G 21-15	
Test Organisms	Aspergillus brasiliensis ATCC 9642, Penicillium funiculosum ATCC 11797, Chaetomium globosum ATCC 6205, Trichoderma virens ATCC 9645, Aureobasidium pullulans ATCC 15233	
Test Result		
Test Organism	Concentration of spores (spores/mL)	Level (After 28 Days)
Aspergillus brasiliensis ATCC 9642	1.0 x 10 ⁶	0 Grade Tested with 50X Microscope
Penicillium funiculosum ATCC 11797		
Chaetomium globosum ATCC 6205		
Trichoderma virens ATCC 9645		
Aureobasidium pullulans ATCC 15233		

According to ASTM G 21-15 Standard Practice for Determining Resistance of Synthetic Polymeric Materials to Fungi, observed fungi growth on the tested specimens was 0 = None.

For more information, visit our dedicated website at:
www.pvc-curtains.com



Certificate Number: 14352
ISO 9001



Care should be taken in selecting the most suitable quality for each application. Advice is available, but final responsibility remains with the customer.

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