STOP-BAC
ANTIBACTERIAL VINYL
DOORS AND PARTITIONS
THE SOLUTION: AGAINST INFECTIOUS RISK

In order to fight infectious risk, Extruflex has incorporated an antibacterial agent in its soft vinyl and has created the STOP-BAC.

The STOP-BAC vinyl technology protects against bacteria in sensitive areas (hospital, food preparation area, area with public passage, etc.).
THE STOP-BAC TECHNOLOGY

The STOP-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.

STOP-BAC FEATURES

1. Antibacterial efficiency

- STOP-BAC has over 99.9% efficiency on most bacteria:

<table>
<thead>
<tr>
<th>EFFICIENCY</th>
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<tbody>
<tr>
<td>100%</td>
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<tr>
<td>99.93% E. coli</td>
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<tr>
<td>99.95% K. pneumoniae</td>
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<td>99.96% S. aureus resistant</td>
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<tr>
<td>99.87% S. epidermidis resistant</td>
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2. Long Lasting efficiency

- STOP-BAC keeps its efficiency even after being washed.
- STOP-BAC requires only a light maintenance: it can be washed with soap water.

REGENERESCENCE

- 100% ACTIVE

STOP-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.

Test inoculum(1)

A 400μL inoculum is deposited on soft vinyl samples. Bacteria are counted.

Vinyl samples with 400μL of inoculum (50mm×50mm)

Samples are covered with a sterile plastic (40mm×40mm)

Bacteria are placed 24 hours in a room at 37°C with relative humidity greater than 90%.

After 24 hours bacteria are counted again. With STOP-BAC 99.9% of bacteria has been eliminated and further development stopped.

(1) Test inoculum: solution of nutrients and bacteria (concentration: 10^5 cells per mL)

### TECHNICAL DATA

designation: STOP-BAC  
specific features: antibacterial  
color: transparent clear sea blue  
packaging: clear protection film  
marking: STOP-BAC  
ANTIBACTERIAL  
EXP 11 2014

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Other sizes could be provided upon request.
APPLICATIONS

Hospitals, laboratories, food preparation environments, public areas...