BODE X-Wipes
All-purpose fleece wipe dispenser system for all liquid HARTMANN surface disinfectants.

The new modular X-Wipes system for maximum safety.

Research for infection protection. www.bode-science-center.com
BODE X-Wipes

Product properties

- patented system solution: optimal active substance release during disinfection
- new design without cavities, recesses and edges
- for maximum safety: new fleece roll in foil bag for contamination-free application
- protects use-solution against contamination and evaporation
- universally applicable
- economic consumption of wipes and use-solution
- use-solution usable for 28 days
- coloured dispensing system for better product differentiation
- tear-proof and absorbent fleece
- solid dispenser with attached handle
- for all liquid HARTMANN surface disinfectants

Set-up and material

The BODE X-Wipes system consists of the BODE X-Wipes dispenser (dispenser, lid, dispenser opening, protective cover and a label) and the BODE X-Wipes fleece roll. Only high-quality and robust materials have been utilised for the BODE X-Wipes system:

- The dispenser consists of robust polypropylene and features a high resistance to acids (exception: formic acid) and bases.
- The design without cavities, recesses and edges ensures safe reprocessing and minimises the risk of formation of biofilms. The attached handle facilitates the transport to the application area.
- The fleece roll with 90 tissues is also available with an integrated hygiene system to ensure even more safety. By combining the well-proven X-Wipes fleece roll with the transparent foil bag, contamination of the dispenser is almost impossible.

Please note:

The fleece wipe hygiene system can only be used with the new X-Wipes dispenser.

BODE X-Wipes consist of absorbent polyester fleece (60 g / m²). Thanks to their good quality, the wipes keep their tensile strength even when being moist or wet. The absorbed disinfectant does not adhere to the fleece material and is optimally released to the surface to be disinfected. One fleece roll consists of 90 single rectangle wipes measuring 38 x 20 cm. This format is ideal for folding and guarantees an especially good surface coverage.

The protective cover prevents the use-solution from contamination or evaporation. The design of the dispensing system’s opening ensures an easy withdrawal and separation of the fleece wipes. The dispensing system is available in blue, green and red, and can for example be used for a quick differentiation of aldehyde-free (blue), aldehyde-based (green) and alcohol-based (red) products.

Each BODE X-Wipes fleece roll is supplied with a German, English, French Czech and Russian label. Product name, concentration, the use-solution’s preparation date, the standing time (28 days after filling), and the staff member’s name are annotated on this safety label.

Areas of application

BODE X-Wipes are recommended for the cleaning surface disinfection in all hospital, nursing home, pharmaceutical company, laboratory, and food-processing areas, where a maximum level of hygiene, efficiency, and convenience is desired, e.g.:

- for work surfaces
- for stretchers
- in local reprocessing of hospital beds
- for bedside tables and other surfaces in the proximity of patients
- for surfaces in isolation rooms (wipe dispenser remains in room)
- for prevention of cross-contaminations in critical hygiene areas
- at locations that do not possess water-connection
- everywhere, where a hygienic reprocessing of cleaning utensils is not possible

The use of BODE X-Wipes is also advantageous in areas, which require repeated cleaning every day, as the one-time use assures a high level of hygiene as well as a reduced preparation time. In addition, surfaces difficult to access are optimal application areas for BODE X-Wipes. The wipes can be folded according to the requirements on location and allow a good coverage of even small areas or niches.

Directions for use

Filling when using the X-Wipes dispenser with standard fleece roll

1. Depending on the type of disinfectant, select dispensing system with respective colour. Put on gloves.
2. Take fleece roll out of package, open dispenser’s lid and insert dry fleece roll. In doing so, slightly pull out the first wipe from the middle of the roll.
3. Prepare 2.5 – 3 litres of use-solution (90 fleece roll), 1.5 litres using the 40 fleece roll or at least 0.75 litres using the 30 fleece roll according to the manufacturers’ recommendations and in the desired VAH concentration (with exposure time of 1 hour or less). Pay attention to the exact dosage. Slowly pour the solution into the dispenser, more precisely, spirally from the fleece roll’s middle to its outside in order to ensure a complete saturation. After 10 minutes, the evenly saturated roll is ready for use.
4. Draw first X-Wipe from the roll’s middle through the opening of the dispensing system and discard. Put lid on dispenser. Afterwards close the dispensing system’s protective cover carefully.
5. Complete label and stick it on the indicated area on the X-Wipes dispenser.
BODE X-Wipes

Filling when using the X-Wipes dispenser with fleece roll in the foil bag

1. Get the dispenser, lid and cover ready.
2. Put on gloves.
3. Cut the foil bag open near the top edge.
4. Insert fleece roll with foil bag into the dispenser.
5. Add the disinfection solution (2.5 - 3 litres). Pay attention to the exact dosage.
6. Pull fleece wipe and foil bag through the dispenser's lid.
7. Draw fleece wipe through the dispensing opening.
8. Put the protective (coloured) cover on dispenser.
9. Complete label and stick it on the indicated area on the X-Wipes dispenser.

Use disinfectants safely. Always read the label and product information before use.

Reprocessing when using the X-Wipes dispenser with standard fleece roll

With proper closure the disinfectants used for BODE X-Wipes have a standing time of 28 days. If the dilution is used up or if required, the dispenser system can of course be used with other HARTMANN surface disinfectant-cleaners. When changing products, use one of the separately ordered fleece wipe refill packages. Ideally, also the new surface disinfectant matches the respective colour of the dispensing system. For refilling the dispenser system, the dispenser requires manual or automated reprocessing. Manual reprocessing comprises the following steps:

1. Discard rests of fleece and liquid.
2. Thoroughly rinse dispenser and lid with hot tap water and dry.
3. Afterwards, wipe disinfect all surfaces with Bacillol AF (or any other surface disinfectant with a high alcohol content that dries without leaving any residue). Pay attention to the exposure time of at least 30 seconds.
4. After all surfaces are completely dry, refill the dispenser with a new fleece roll and freshly prepared disinfection solution to be used for up to 28 days.
5. Stick on a new label with updated information.

Reprocessing when using the X-Wipes dispenser with fleece roll in foil bag

The use of the X-Wipes fleece roll with foil bag simplifies the reprocessing procedure.

- The coloured cover of the dispenser needs to be reprocessed with every roll exchange. For this, thoroughly clean it with a surface disinfectant possessing a high alcohol content (preferably Bacillol AF).
- Reprocess the dispenser with a surface disinfectant possessing a high alcohol content (preferably Bacillol AF), in case the dispenser has become moist/wet inside. This may be the case when, for example, the foil bag is damaged, the dispenser is used with a standard X-Wipes fleece roll without foil bag or aqueous solutions accidentally enter the dispenser during filling or use.
- Additionally, the dispenser housing needs to be reprocessed when it is visibly soiled.

Note

The use-solutions used in the BODE X-Wipes dispenser system are often dilutions of hazardous substances. Therefore, special protection and safety measures have to be taken, which can be seen in the product's specifications. The general rules of work and health protection as well as local hygiene programmes have to be respected. In any case, refrain from filling the BODE X-Wipes dispenser system with non-approved or self-mixed dilutions. Few substances such as peroxides, dilutors or oxidants can cause deflagrations or auto-ignitions. The standing time of 28 days can only be recommended with HARTMANN surface disinfectants and with properly closed protective lid. After withdrawal, the dispensing system has to be closed firmly. Do not use the BODE X-Wipes dispenser system for long-term storage or transport of use-solutions.

Chemical-physical data

All data refers to the BODE X-Wipes fleece roll:

- Dimensions: 380 mm x 200 mm
**Presentation**

<table>
<thead>
<tr>
<th>Packaging</th>
<th>Sales unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>BODE X-Wipes dispenser (blue, green, red)</td>
<td>4 pc</td>
</tr>
<tr>
<td>BODE X-Wipes wall holder</td>
<td>1 pc</td>
</tr>
<tr>
<td>BODE X-Wipes retaining clip</td>
<td>1 pc</td>
</tr>
<tr>
<td>BODE X-Wipes fleece roll (roll with 90 wipes)</td>
<td>6 fleece rolls</td>
</tr>
<tr>
<td>BODE X-Wipes fleece roll in foil bag (roll with 90 wipes)</td>
<td>6 fleece rolls</td>
</tr>
<tr>
<td>BODE X-Wipes fleece roll (roll with 40 wipes)</td>
<td>12 fleece rolls</td>
</tr>
<tr>
<td>BODE X-Wipes fleece roll (roll with 30 wipes)</td>
<td>12 fleece rolls</td>
</tr>
<tr>
<td>BODE X-Wipes dose</td>
<td>1 pc</td>
</tr>
</tbody>
</table>

**Note:** The recommendations regarding our preparations are based on scientific tests and are given in good faith. More detailed recommendations, e.g. regarding material compatibility, are only possible in particular cases. Our recommendations are without obligation and do not constitute a warranty. They do not preclude a company’s own testing for the intended purposes and processes. In this respect we cannot accept any liability. This complies with our general conditions of sale and supply.

**Disinfection effect depends on type of fabric**

In dispenser systems for surface disinfection, it is possible that the wipe and the disinfectant’s active ingredient interact.

Particularly quaternary compounds (QACs) have been shown to adsorb to different types of fabric, thus impairing the disinfection’s intended effect. Due to their positive molecule charge, QACs in the disinfection solution may attach to fibre surfaces, which are mostly charged negatively. In this case, the wipe does not release enough of the active ingredient to the surface to be disinfected.

In a study examining different wipe qualities, the BODE X-Wipes – based on polyethylene terephthalate (PET) – yielded the best results. Indicator for the low adsorption in this comparative study was a high content of active ingredient.

The BODE X-Wipes continuously showed the highest concentration (approx. 100 %), meaning that they almost completely release the active ingredient. All in all, the wipes are characterised by low adsorption of QACs, are suitable for different disinfectants and ensure ideal wetting of the surfaces to be disinfected.


For more product information visit [www.bode-chemie.com](http://www.bode-chemie.com)

PAUL HARTMANN AG
89522 Heidenheim
Germany