Pall Ultipor™ 100

Breathing System Filter

- Pleated hydrophobic membrane
- Smooth housing profile
- Optimal humidification
- Compatible with nebulisation
- 100% retentive for liquid-borne contaminants
- Retains natural rubber latex allergens in solutions and in airborne particles
- Individually integrity and efficiency tested during manufacture
**Product Features**

- **Optimal humidification:** Physiological levels of humidification are maintained, even at high flow rates and in long term ventilation. Clinical humidification performance is comparable to hot water bath systems and hygroscopic HMEs.\(^1,2,3,4\)
  
  Rheological and physical properties of patient airway mucus are preserved and physiological mucus clearance is maintained.\(^5\)

- **Compatible with nebulisation:** Medications can be nebulised between the filter and the patient.

- **Effective hydrophobic barrier:** The pleated hydrophobic membrane provides effective protection against airborne and liquid-borne microorganisms. This assures protection against cross-contamination between patients in anaesthetized areas.\(^6\)
  
  The filter has been validated to remove Mycobacterium tuberculosis\(^9\), Staphylococcus aureus\(^10\), Hepatitis C virus\(^7\), HIV\(^11\), and Influenza A virus\(^12\). All Pall Breathing System Filters contain the proprietary Pall fine hydrophobic filter media, which has been tested in manufacturing to show a water intrusion pressure (hydrophobicity) in excess of 50 cm water column. Routine use of the Ultipor 100 filter will protect the interior of the breathing system from patient derived contamination, allowing extended use of the breathing system in conjunction with a hospital protocol that ensures hygienic and mechanical integrity of the system. Please refer to your breathing system manufacturer for information on whether the system being used has been validated for extended use.

- **Extended life:** When nebulisation is not used.

- **Latex retention:** The Pall Ultipor 100 filter is free of natural rubber latex. It has been tested to show retention of natural rubber latex allergens in liquids and contained in airborne particles.\(^13,14\)

**Pall Total Quality and Performance Guarantee**

Each Pall Ultipor 100 Breathing System Filter is individually tested during manufacture for:

- **Filter Integrity** – assuring housing and seal quality.

- **Filtration Efficiency** – using a non-destructive test, assuring membrane quality.

A Product Validation Certificate that is batch and customer specific can be provided to show details of testing and validation. This is the customer’s guarantee of 100% reliability, performance in use and assurance of protection of breathing systems and equipment, patients and staff.

**Technical Data**

<table>
<thead>
<tr>
<th>Description</th>
<th>Reorder Code</th>
<th>Pkg</th>
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</thead>
<tbody>
<tr>
<td>Ultipor 100 Breathing System Filter</td>
<td>BB100E</td>
<td>50/case</td>
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<tr>
<td>Ultipor 100 with monitoring port</td>
<td>BB100P</td>
<td>50/case</td>
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</tbody>
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Sterile variants: order codes as above, add S for sterile product.

**References**