

# VMS2

## Resin barrier vacuum line



Tel: +44 (0) 1274 550500  
Fax: +44 (0) 1274 550501  
Email: [sales@aerovac.com](mailto:sales@aerovac.com)  
Website: [www.aerovac.com](http://www.aerovac.com)

- A totally unique product on the market which enables vacuum flow on top of wet impregnated zones throughout the entire curing process.
- A multilayer strip comprising a micro-porous membrane and plastic breather mesh enveloped in a flat tube of vacuum bagging film. The lower layer of film is perforated, which protects the micro-porous membrane whilst maintaining high vacuum levels. The upper layer of film is solid to avoid resin contamination.
- The micro-porous membrane and breather mesh enable air to be evacuated from the laminate without resin being drawn into the vacuum flow.
- Good releasing characteristics and suitable for all composite vacuum bagging processes, including pre-preg and resin infusion.

#### PHYSICAL PROPERTIES

- Maximum usage temperature 160°C

#### AVAILABILITY & PACKAGING

- Standard widths 120mm, 170mm, 220mm  
Membrane is 100mm, 150mm, 200mm wide
- Standard length 100m  
Other lengths available to order

#### STORAGE & HANDLING

- VMS2 has an unlimited shelf life.
- VMS2 comprises a layer of micro porous membrane similar to VAP membrane. Therefore users in the aerospace industry must verify that using it in their processes doesn't infringe on EADS Patents EP 1181149B1 & US 6843953B2.
- Handling of these products must conform to individual company guidelines and health and safety regulations.

Aerovac Systems Ltd <a href="http://www.aerovac.com">www.aerovac.com</a>	Aerovac Systems Italy S.r.l <a href="http://www.aerovac.it">www.aerovac.it</a>	Aerovac Systèmes France <a href="http://www.aerovac.fr">www.aerovac.fr</a>	Richmond Aircraft Products <a href="http://www.richmondaircraft.com">www.richmondaircraft.com</a>
---	---	---	--

Aerovac Systems Ltd.

All statements, technical information and recommendations contained in this publication are based on tests believed to be reliable, but their accuracy and/or completeness are not guaranteed. The user shall determine the suitability for this particular purpose and shall assume all risk and liability in connection herewith. All values stated are nominal. For further details about tolerances please contact Aerovac Systems quality department.

Revised: February 2010