



# RespiGard™ Z3030

## Waterproof + Breathable Membrane

### Product Name & Description

RespiGard™ Z3030  
18µm Microporous Membrane

### Primary Applications

Sports & Leisure Textiles  
Technical Textiles

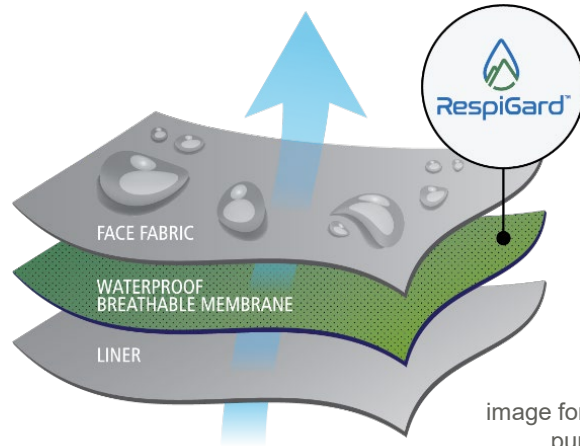


image for illustrative purposes only

### Technical Data (Typical Properties)

Property (Membrane Only)	Unit of Measure	Typical Value	Test Method
Thickness	µm	18	Internal
Basis Weight	gsm	4	Internal
Porosity	%	77	Internal
Air Permeability	cfm/ft <sup>2</sup>	0.15	ASTM D737
Moisture Vapor Permeability	$\frac{\text{g}}{\text{m}^2 - \text{day}}$	> 6,000	JIS 1099-A1
		> 100,000	JIS 1099-B1

### Product Benefits

- High porosity microporous film allows for the transfer of moisture vapor away from the user, achieving greater than 20,000 g/m<sup>2</sup>-day after lamination per JIS 1099-B2
- Achieves greater than 20,000 mmH<sub>2</sub>O in laminate structures per JIS 1092
- Solvent-free manufacturing process and strategically selected raw materials assist designers in lowering the environmental impact of their waterproof-breathable materials.
- Part of a recyclable mono-material textile solution
- Free from PFC's and PFOAs

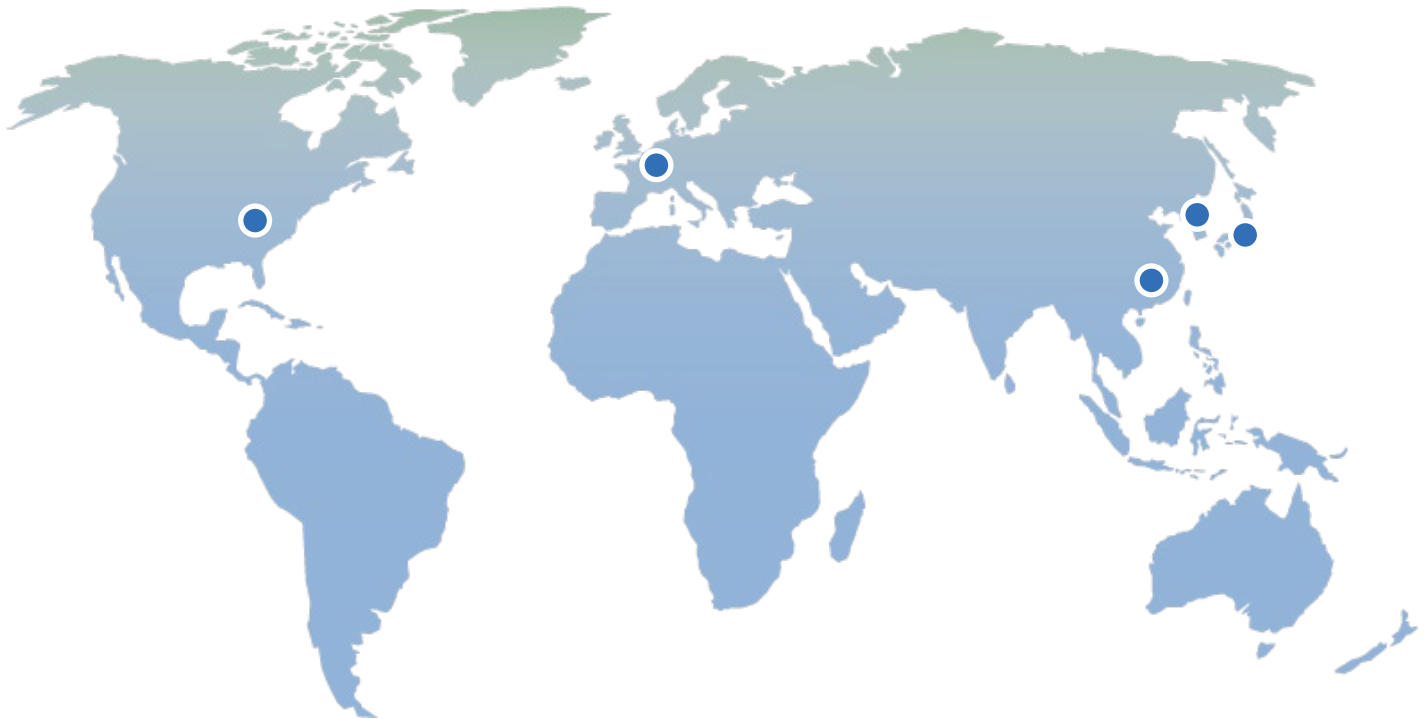


**STANDARD  
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**22.HUS.20182**  
Hohenstein HTTI



For more information, visit:  
[www.polypore.com/RespiGard](http://www.polypore.com/RespiGard)



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**WARRANTY:** This product is to be used only by persons familiar with its use. It must be maintained within the stated limitations. The product is warranted to be free of any manufacturing defects. No other warranty is expressed or implied. Purchaser assumes all responsibility for the use and safety of this product. To the best of our knowledge, the information contained herein is accurate. However, neither Polypore International, LP nor any of its affiliates assumes any liability whatsoever for the accuracy or completeness of this information. Final determination of the suitability of any material and whether there is any infringement of patents is the sole responsibility of the user.

Users of any substance should satisfy themselves by independent investigation that the material can be used safely. We may have described certain hazards, but we cannot guarantee that these are the only hazards that exist. Review the Product Safety Data Sheet for environmental, health and safety information related to this product.

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