



RespiGard™ by Celgard®

Z3030 Waterproof Breathable Membrane

Product Name & Description

RespiGard™ by Celgard® Z3030
18µm Microporous Monolayer Membrane
(Polypropylene)

Primary Applications

Waterproof Breathable Textile

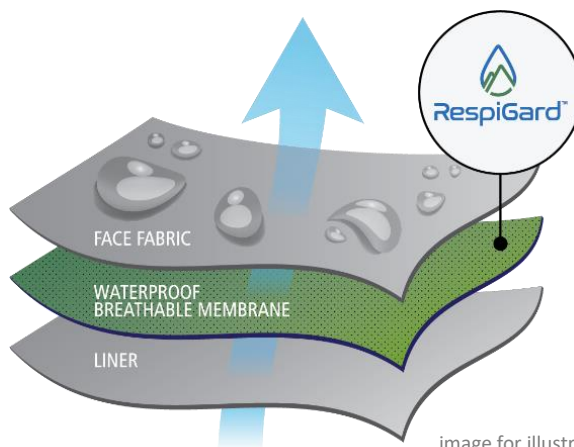


image for illustrative purposes only

Product Benefits

- Great moisture vapor transmission in laminate applications requiring highly breathable barrier membranes¹
- Contributes to high water resistance in lightweight composites²
- High porosity with small, uniform spherical pores
- Manufactured with environmentally friendly process
- Supplied in 60" wide web

Technical Data (Typical Properties)

Basic Film Properties	Unit of Measure	Typical Value
Thickness	µm	18
Gurley (JIS)	Seconds	20
Porosity (calculated)	%	77

3rd party membrane only preliminary testing

¹ Water Vapor Transfer Rate (WVTR) > 8500 g/m²/24hr per ASTM E96BW

² Hydrostatic pressure > 500 mm H₂O AATCC TM 127

Packaging

Please contact your Celgard representative for more information.

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