

# Technical Data Sheet

## METIVO® VB 63 gsm Rev3



METIVO® VB is designed and manufactured to offer a highly functional packaging paper. METIVO® VB metallized paper offers high barrier to water vapor, with measured values below 1gsm/d in tropical conditions, and has physical properties optimized for high performance converting in dry goods packaging. Like other metallized papers in our portfolio, METIVO® VB is protected by a topcoat allowing printability by standard processes on its metallized surface if an aesthetic look is desired in the final package. METIVO® VB is certified as recyclable in the packaging stream by HTP Cyclos and Aticelca®.



Aticelca® 11744-0004

Property	Units	Average	Range	Test method
Basis Weight Grammage	lbs/3000 sq. ft. gsm	39 63	± 5 %	T-410 OM-02 TAPPI ISO 536
Caliper	mils microns	2.2 55	± 15 %	T-411 OM-97 TAPPI ISO 534
Optical density	n/a	4.5	3.0 minimum	X-rite
Moisture Vapor Trans. Rate	g H <sub>2</sub> O/m <sup>2</sup> /day g H <sub>2</sub> O/100 in <sup>2</sup> /day	1 0.07	*	ASTM F1249
Tensile strength MD CD	N/15 mm N/15 mm	48 45	Note 2	T-494 TAPPI

#### \*MVTR Analyses:

- Equipment Used: MOCON Permatran-W Model 3/61
- Test Condition: 37.8°C / 98% Relative Humidity
- Printable glossy metal side is the barrier side
- For more detail about barrier properties please contact your sales representative

#### NOTES:

1. The data above for the Nissha Metallizing Solutions product are typical values and are not limiting specifications. Standard test conditions are 72°F (23°C), 50% RH unless otherwise noted. The information contained herein represents the best data available to Nissha Metallizing Solutions, and we believe it is reliable. We urge purchasers to conduct confirmatory tests for suitability in their specific use.
  2. These properties are determined by the base paper mill – more detailed data is available upon request.
  3. Please note that the delivered goods must be handled according to the specified acclimatization instructions
- The information and opinions herein are believed to be true and accurate and presented without guarantee or responsibility on our part. No recommendation for use of our product is intended as a patent infringement. No warranty of any kind with respect to patents held by others is implied or intended.

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Crafted with  by Nissha Metallizing Solutions

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