

Ultra High Barrier Metallized PET Laminates For Vacuum Insulation Panels (VIPs) in Specialty Applications

Application Overview



Engineered to meet the challenges of industry by matching exceptional insulation performance with space constraints

Wherever effective insulation meets the limits of space and volume, there's a need for VIPs. Specialty applications in industry, logistics, and infrastructure require specific solutions to the challenges of heat exposure, extremely low temperatures, confined space or strict energy efficiency requirements.

The Avery Dennison Hanita range of ultra-high barrier laminate solutions incorporates features to meet mechanical challenges

Multiple protective layers for long-term functionality

High resistance to elevated temperatures and humidity

A range of alternative high-resilience seal layers

Flame retardant options

VIPs offer solutions for:

- > **Industrial and district heating piping:**
Improving thermal insulation in limited spaces and under toughest conditions.
- > **Low and cryogenic temperatures:**
For storage, laboratory or processing; LNG vessels or piping.
- > **Water dispensers:**
Overcoming space limitations while delivering hot - and cold - water every time, with minimal energy consumption.
- > **Water heaters:**
Saving electricity through improved insulation, more efficient operation and a space-saving footprint.



The right laminate for the right core

Contact our technical team to discuss the ideal solution for your application: barrier.laminates@eu.averydennison.com



Avery Dennison Hanita offers a full range of laminate options as either master rolls or envelopes.

About Avery Dennison

Avery Dennison (NYSE: AVY) is a global materials science and manufacturing company specializing in the design and manufacture of a wide variety of labeling and functional materials. Its products include labels, radio frequency identification (RFID) solutions, tapes and fasteners, and medical applications. Avery Dennison serves customers in a wide range of industries, including non-durable consumer goods, retail apparel, logistics and shipping, durable goods, and healthcare. Headquartered in Glendale, California, the company employs over 30,000 employees in more than 50 countries. Reported sales in 2017 were \$6.6 billion.

Learn more at www.averydennison.com

See our full range of laminate products at www.hanita.averydennison.com

For further information contact barrier.laminates@eu.averydennison.com

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