

Avery Dennison Laboratory and Service Center

Labels + Packaging
Brochure
Europe
2021

Material testing and qualification for
pharmaceutical labels



Avery Dennison Laboratory and Service Center

The selection and qualification of label material for pharmaceutical packaging can be a challenge. Each product has specific needs around application and environment, and testing materials can be a time consuming effort without the right resources.

The Avery Dennison Laboratory and Service Center (AD LASC) supports pharmaceutical companies by providing expertise, technology, and facilities for efficient and robust testing of self-adhesive label materials.

At the AD LASC, you'll find a dedicated team of independent R&D technicians with expertise in material science and pharmaceutical applications. With years of industry knowledge, these experts are on-hand to guide you through material considerations, discuss testing protocols & outcomes, and help select and qualify solutions.

A state of the art laboratory located in Leiden, the Netherlands, gives you access to an extensive range of testing capabilities. FINAT and ISO standard testing is complimented with methods and protocols developed by Avery Dennison to suit the specific needs of the pharmaceutical industry such as mandrel (small diameter) performance, high speed dispensing, sterilization resistance, and print durability.

There is no one-size-fits-all solution for pharmaceutical labelling. The diversity of knowledge and technology available at the AD LASC makes it easier to develop testing methods that closely mimic the real life application and environment of each product. Giving pharmaceutical companies the right resources for robust testing and efficient material selection.

For more information about testing services and capabilities, please contact benoit.jourde@eu.averydennison.com.

Operations of AD LASC are aligned with the ISO 17025 standard. All tests and reports created by AD LASC are kept confidential within the frame of a non-disclosure agreement.



Our Facilities

Application Lab

Material performance testing of physical properties in real life conditions including ageing

iLab

Demonstration center for applications of intelligent labels (RFID/NFC)

Analytical & Physical Lab

Extractables analysis through spectroscopy and chromatography

State of the Art Testing Capabilities

- High precision mandrel testing unit*
- Low/High speed release
- Tensile strength
- Bekk Smoothness & Porosity
- Surface tension
- Rheology

*Developed by Avery Dennison

Conditioning, Converting & Dispensing

- Climate chambers (ageing)
- Centrifuge
- Autoclave sterilization
- Low temperature storage ($\geq +2^{\circ}\text{C}$)
- Ultra deep freezer (-80°C)
- Liquid nitrogen storage containers
- In-line labelling
- Laser engraving
- Variable information printing



Our Service

- Industry leading expertise in material science, application, and performance
- Over 100 instruments for extensive testing in application and conditioning
- Tailored approach to every project with testing methods designed for your product



Interested in a solution for pharmaceutical labeling?

Contact us to learn more about the Avery Dennison Laboratory and Service Center. benoit.jourde@eu.averydennison.com.

Avery Dennison is a global materials science company specializing in the design and manufacture of a wide variety of labeling and functional materials. Learn more at label.averydennison.com.



Avery Dennison: Your Partner for Patient Safety

We have a wide range of tested, proven, compliant label materials for the pharmaceutical industry, With a solution for every application, we help manufacturers throughout the pharmaceutical industry track products, inform patients, and comply with regulations. And we want to work with you.

Who we are

As the pioneer in the pressure-sensitive industry, we bring one-of-a-kind capabilities to labels for the pharmaceutical and healthcare industry. We combine decades of innovation with deep knowledge of both regulatory and legal requirements. We know about the real-world conditions in which our labels must perform, and the technical challenges they have to meet. Whatever your product, wherever it's going, we can help you develop a label that sticks with it.

What we stand for

Sustainability. Innovation. Quality. Service.

In 1935, we invented the first self-adhesive label, and we've never looked back. With each passing decade, our innovations have further shaped our industry by lifting the limits on what labels can do. The world's most successful brands know that innovation and evolution are the lifeblood of longevity and success. We're proud to help our clients continually expand the boundaries of what's possible.

Work with us

You're the expert in your business; we're the expert in pharmaceutical labelling. Contact your business development manager today to find out how Avery Dennison Pharmaceutical Labelling Solutions can meet and exceed your needs.

Avery Dennison Corporate (NYSE:AVY) is a global materials science manufacturing company specializing in the design and manufacture of a wide variety of labeling and functional materials. The company's products, which are used in nearly every major industry, include pressure-sensitive materials for labels and graphic applications; tapes and other bonding solutions for industrial, medical, and retail applications; tags, labels, and embellishments for apparel; and radio frequency identification (RFID) solutions serving retail apparel and other markets. Headquartered in Glendale, California, the company employs approximately 30,000 employees in more than 50 countries. Reported sales in 2019 were \$7.1 billion.

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