Avery Dennison
Label and Packaging Materials
Innovations Guide

Europe
2022

Sustainable Labeling Solutions

AVERY DENNISON

> “Each new iteration of a material is more sustainable than the last. And all are backed by our unmatched global manufacturing capabilities and industry-benchmark service.”

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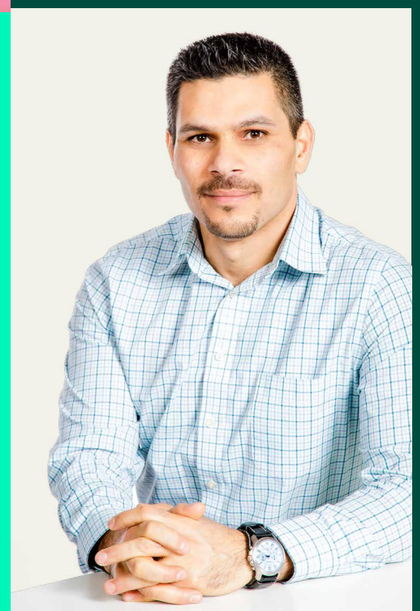
On the cover: Sustainability is, unquestionably, a team effort. Avery Dennison is proud to partner with converters, brand-owners, designers and the broader industry ecosystem to innovate solutions that preserve our planet.



Advancing circular economies with innovative labeling solutions

At Avery Dennison, we understand brands’ goals for sustainability because we’ve set ambitious sustainability goals ourselves. Among them are passionate commitments to deliver innovations that advance the circular economy, reduce environmental impact, and point the way toward regenerating natural systems.

What that means for converters, brands, retailers and consumers is an ever-expanding source of label and packaging solutions that break new ground in making packaging recyclable, incorporating recycled and renewable materials, and sourcing responsibly—with functionality that supports how the world shops and does business right now.

From adhesives that make rigid plastic packaging more recyclable to intelligent labels that dramatically cut waste by making any item trackable and traceable over the course of its lifetime makes up what I call the “trifecta triangle”. It consists of the digital technology, the material that bridges the physical item with digital capabilities, and the software capability of atma.io, the cloud platform that pulls it all together by giving every item a unique digital identity and tracking, sorting and managing all events over the course of the product’s life.

In short, we offer solutions you won’t find anywhere else. All are engineered through our EcoDesign approach, in which each new iteration of a material is more sustainable than the last. And all are backed by our unmatched global manufacturing capabilities and industry-benchmark service, so you can be confident you’ll get what you need, when you need it.

In the aftermath of the pandemic, and with urgent environmental pressures demanding more attention than ever, it’s a new world out there. We’re here as always to help you lead and navigate it successfully.

Hassan Rmaile
Vice President and General Manager
Label and Graphic Materials EMENA
Avery Dennison

Sustainable packaging trends

A growing focus on sustainability and emissions is shifting the conversation in the labels and packaging industry. Demand for environmentally-sound options is increasing, and staying relevant requires brands to evolve.

Sustainability regulations

Across the world, governments at the local and country level are creating incentives for brands to reduce their carbon footprints. Consumer packaged goods with limited lifespan packaging, present a huge opportunity for reducing waste on a global scale. The €6.2 billion Circular Economy Action Plan in Europe is one such program, which includes a commitment to increase packaging recycling to 75% by 2030.

Closing the loop

According to a study from GlobalWebIndex[1], over 60% of consumers want packaging that is easier to recycle and they are increasingly willing to pay more for eco-friendly and sustainable products. Reengineering recycling programs, creating packaging with high recycled content and product refilling programs appeal to consumers who want less waste and a more circular economy.

Internet of Things (IoT)

With consumers increasingly connected to the digital world, they are looking for products that are as well. With packaging connected to the internet, brands can share information on provenance, ingredients, and packaging recyclability with a single QR code, RFID label, or NFC tag.

Reinventing the box

During the pandemic, online shopping has increased in popularity since it makes global markets instantly accessible, and many companies offer fast, affordable shipping. A rise in branded e-commerce packaging, as well as packaging that combats theft, is changing how companies deliver their goods. As packaging waste increased by 30% in just two years, some brands have even abandoned boxes in favor of recyclable containers and bags.

Reducing plastic

According to a 2021 Deloitte survey[2], 43% of UK consumers surveyed value brands that produce more sustainable packaging, while 64% cited reducing plastic packaging as a top concern. Alternatives to plastic packaging include pack switching and plastic-free private labeling.

1. GlobalWebIndex, *Report: Sustainable Packaging in 2019*, accessed April 2020.
2. www2.deloitte.com/uk/en/pages/consumer-business/articles/sustainable-consumer.html

Labels and packaging legislation

Globally, labels and packaging legislation is more focused on sustainability than ever before. Avoiding setbacks requires staying current and compliant on every level.

European Green Deal

The European Green Deal is the EU's plan for sustainable growth and reaching net-zero greenhouse gas emissions by 2050.

It includes the Circular Economy Action Plan, which focuses on the entire lifecycle of products and targets design, circular economy processes and sustainable consumption. Resources will remain in the EU economy for as long as possible under the plan.

Waste Framework Directive (WFD)

WFD is an environmental protection measure that establishes how waste should be managed within the EU. It aims to reduce the environmental impact of waste and encourages the efficient use of resources through reuse, recycling and other forms of recovery.

Single-Use Plastics (SUP) directive

In May 2018, the European Commission adopted new EU-wide rules to target the 10 single-use plastic products most often found on Europe's beaches and seas. The directive includes a reduction of plastic beverage and food containers, as well as plastic packets and wrappers.

It also includes new product design requirements, such as attached caps and lids for beverage containers, and creates a 90% collection target for plastic bottles. Producers are required to contribute to raising awareness, clean-up, collection and waste.

Packaging and Packaging Waste Directive (PPWD)

PPWD is a harmonization measure that establishes common rules to enable the free trade of packaging and packaged goods throughout the EU while reducing their environmental impact.

The directive defines essential design requirements and sets targets for the amount of used packaging that must be recycled or recovered in all EU member states.

National differences in transposition have led to various ways of implementing the PPWD, resulting in wide variation in packaging waste management performance across the EU.

What does it mean to be recyclable?

To be considered “recyclable”, a product has to be collected, sorted, processed and applied – none of these steps can be eliminated

Necessary processes to gain 'Recyclable' classification

Ease of recycling various material types	Paper and Cardboard	Glass	Metal Cans	PET	HDPE	PP	PS
Organised collection	●	●	●	●	●	●	●
Easy to separate	●	●	●	●	●	●	●
Availability of recyclers	●	●	●	●	●	●	●
Outlets for recycled materials	●	●	●	●	●	●	●
Food grade options for recyclates	●	●	●	●	●	●	●
Decoration impact on recyclability	●	●	●	●	●	●	●

Key: ● Technical challenges ● Some challenges ● Fully established

Recyclability by plastic type and application

Have more questions about recycling and packaging? Explore our FAQ section to learn about everything from the recyclability of plastic to the ways intelligent labels can shrink a company’s carbon footprint.

What is the difference between chemical and mechanical recycling?

Mechanical recycling

Mechanical recycling is a method for recycling waste materials into secondary raw materials without changing their basic structure. The materials pass extensive manual or automated mechanical sorting processes in facilities designed to separate the different material streams. After cleaning and grinding, the material is recovered by remelting and re-granulating.

Bottle-to-bottle recycling

- Perfect sorting and no contamination. The preferred route for circularity in the future.
- Closed loop production into the same object, i.e. bottles.

General plastic recycling

- For materials that have been sorted out of closed loop streams due to impurities or mixed content. This is currently the most common method used for a large portion of PCR plastic waste.
- Recycled into other applications, i.e. clothing, outdoor furniture, automotive parts.

Chemical recycling

Chemical recycling describes innovative technologies for converting plastic waste into feedstock that can be used to create new plastic products. Because chemical recycling methods and output vary, its environmental and economic impact is still being evaluated.

In terms of use, chemical recycling is a complementary solution to mechanical recycling when the latter is inefficient due to plastics that are difficult to recycle, for example multilayered or heavily contaminated plastics.

- Sorting is still required.
- Although polymers cannot be mixed, multilayered materials can easily be recycled chemically.
- The main advantage of this approach is that it results in materials that are equivalent to virgin standards.

AD Circular

AD Circular makes recycling liner waste easy and can help you reduce your carbon footprint, making your business more efficient and circular.

We've launched AD Circular to make recycling used liners simple and affordable. You only need a few minutes to get started, but your participation can have a powerful impact on multiple levels.

Three easy steps

1 Sign up online
In minutes, you can sign up for AD Circular by visiting the site and we'll provide boxes for your used liners.

2 Plan a pickup
When your boxes are full, use our app to schedule a pickup date and we will collect them for recycling.

3 See the results
Using the app, learn how much you've recycled, the amount of emissions you've prevented and more.

The benefits are clear

Affordable Participating in AD Circular probably costs close to what you currently pay for liner disposal. Depending on your location and other factors, it might even save you money.

Hassle-free There's no need to worry about regulatory matters and paperwork with AD Circular. In addition to ensuring compliance with local legislation, we also make sure that our recyclers comply with these rules and regulations.

Every liner is accepted Through AD Circular, you can recycle any liner, including ones made by other companies. Our goal is increasing circularity by cutting waste, wherever it comes from.

"Avery Dennison's employees have a sincere interest in environmental issues and sustainability. Beyond the slogans, what makes the difference is the real motivation behind the efforts to find sustainable solutions. We are happy to work together and contribute to a circular economy."

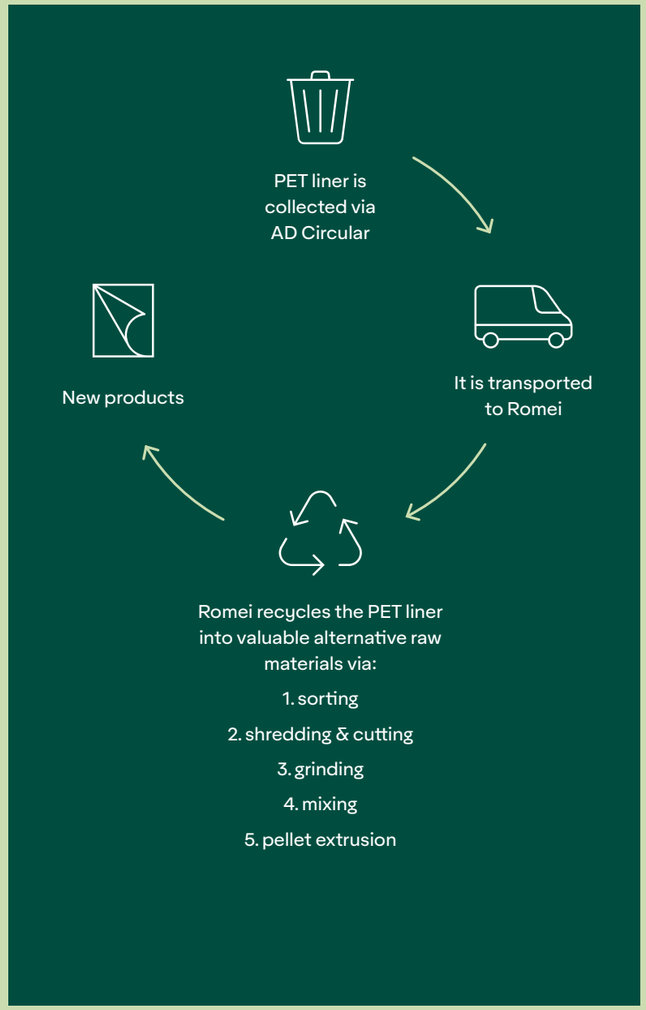
Daria Romei. Managing Director, Romei Replastics

Creating a circular economy with Romei Replastics and AD Circular

To help our customers find solutions that enable recycling, Avery Dennison's AD Circular program has partnered with Romei Replastics to convert labeling waste into new raw materials. The process includes collecting PET liners via AD Circular, turning them into flakes and high performance compounds, and creating new products.

There are two primary factors to consider when recycling PET liners: the quality of the labeling waste and local legislation. To be reshaped, scraps must be clean, similar in nature and properly palletized before transportation. The presence of contaminants or other polymers makes mechanical recycling impossible.

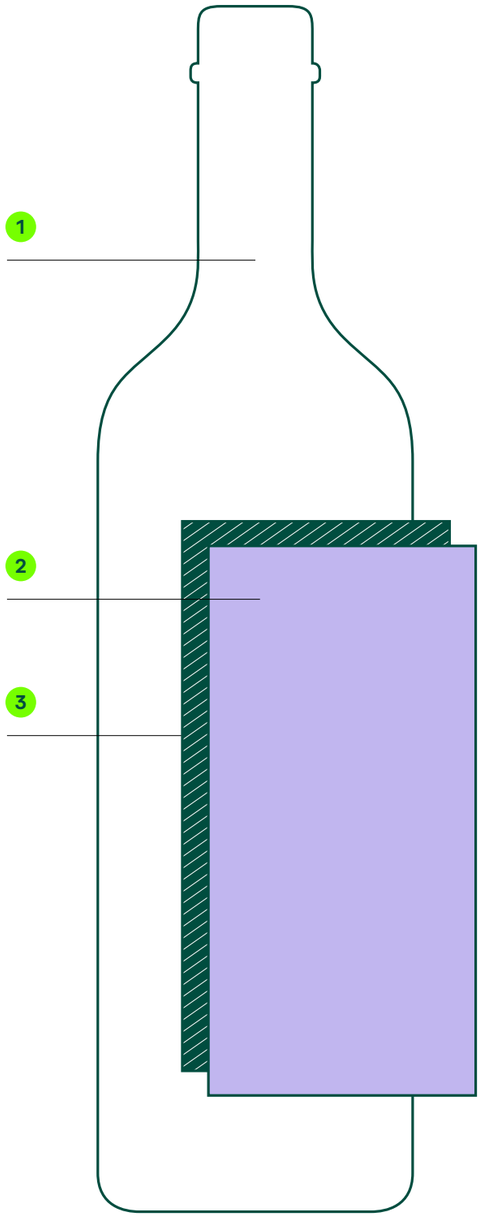
If three core quality requirements are respected – no contaminants, no mixing with other plastics and proper packaging – PET liner material becomes a reusable resource.



Designing for recyclability

Choosing the right label design starts with understanding how the packaging protects your product, enhances consumer use and enables a sustainable end-life.

	1 The container	2 The label material	3 The adhesive
Product	Choosing a container starts with the requirements of your product, including safe delivery to the consumer, and meeting safety requirements and compliance regulations.	After the label material has met compliance requirements, consider how its appearance will communicate the sustainability of your brand, product, and packaging. What material will best convey your sustainability focus and look appealing on the shelf?	A label's legibility can be affected by the container and adhesive, which could impact compliance, sustainability, and consumer use. Avoid problems by choosing an adhesive that works for your product.
Use	Considering how consumers use your product is crucial to choosing the right container. Single-use products might do better in a plain, functional container, while products that are used daily may need a durable container that's aesthetically pleasing.	Ensuring the label can stand up to the use of the packaging is incredibly important for sustainability. If a label must be readable throughout the lifecycle of the product, you might need a more durable material. For everyday products that consumers buy repeatedly and know how to use, a more minimal approach may be suitable.	It's important to ensure the label stays intact for as long as necessary. A member of our team can help you choose an adhesive that works with your application and helps your brand meet your sustainability goals.
Afterlife	The lifecycle analysis of your product should include packaging, as governments and consumers are looking to brands to create products that enable sustainability. If the container can't be recycled or reused, consumers may choose something else.	When the product reaches the end of its life, how will the label material affect the recyclability of the packaging? For sustainable brands looking to reduce waste, a recyclable or compostable label could be the right choice.	A label shouldn't hinder the recyclability or reusability of the packaging material. When a product has finished its consumer life and is ready for the waste or recycling stream, how will the adhesive affect its sustainability? Make sure you choose an adhesive technology like CleanFlake™, which enables recycling.



What is EcoDesign?

We are committed to making every product more sustainable than its predecessor, taking into account the whole product life cycle, starting with raw materials and finishing with end of life. To promote proactive thinking, create awareness and empower our teams to make bold decisions in product development, Avery Dennison has adopted a process that is specific to how we apply an EcoDesign approach to creating products.

"EcoDesign is a multi-disciplinary and multi-criteria process to develop products with the best social, environmental and financial impact.

EcoDesign is a specific principle for the entire development process, from ideation to implementation, and shapes how our products impact the entire value chain."

Flor Peña Herron
Sr. Sustainability & Circular Economy Manager EMEA,
Avery Dennison

What are the benefits of EcoDesign?

1 Less materials and energy

Manufacturing uses fewer materials and less energy. This protects resources and reduces emissions.

2 Easily reused or recycled

Ensuring easy disassembly means using materials that are easily identified, reused or recycled.

3 Use of bio-materials

The best choice is to use a single type of material or a biodegradable material, whether natural or a derivative.

4 Maximise life of the product

Shapes and sustainable materials should be long-lasting, maximising the useful life of the product.

5 Multipurpose, resusable and recyclable

Products should have multiple uses, be suitable for reuse, and be manufactured with recyclable materials

6 Reduce emissions

Products should be of a suitable size to save material and fuel consumption during transport to reduce CO_2 emissions

7 Innovative

Technological innovations can optimise product efficiency and sustainability

8 Customer satisfaction

Consumers' needs are met with more attractive products that satisfy an increasingly demanding public.

9 Commitment

Companies benefit from innovation and become more committed to the environment

10 Market differentiation

Sustainable products have added value that gives companies a competitive advantage

A word on sustainability

> "We get to work with a great sense of pride and purpose, leveraging the significant industry knowledge and innovation skills we possess internally"

As a species, we consumed more resources by July last year than the Earth could replenish that year – a week earlier than 10 years ago. Although it may seem overwhelming, it's within our power and our responsibility to act. As we build and develop materials that enable recycling and serve to create more circular supply chains, we address the challenges of reducing the constant overconsumption of materials head-on.

We've launched AD Circular, a label liner waste recycling program, in February 2021. The aim of the program is to address the issue of 607,000 tons of good-quality liners ending up in landfills or incinerators in Europe every year. With AD Circular, businesses have access to a web-based app that makes the process simple, from scheduling pick-ups of used liners to obtaining certificates indicating how much CO_2 was avoided as a result of recycling the materials. We recognize that we produce a significant amount of liners each year - so our goal is to collect 75% of what we produce by 2025. All materials are upscaled or downscaled after they are collected - nothing is wasted. Products like our rBG liner, which contains 15% recycled liner waste, are an excellent illustration of what can be done with what was once considered waste.

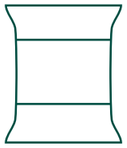
AD Circular is just one example of how we're creating sustainable solutions by innovating towards a more responsible future. And we're determined to continue. In the next few years, we have some ambitious and exciting goals that are measured, tracked, and vetted by external bodies. We get to work with a great sense of pride and purpose, leveraging the significant industry knowledge and innovation skills we possess internally.

I'd like to conclude with one final note. We, as business and industry leaders, have an important task ahead of us, and we can't do it on our own. Taking the traditional supplier-buyer approach to sustainability won't necessarily solve the problem anymore, so we are searching for partners with whom we can collaborate to solve these issues together.

If you would like to discuss potential partnerships, please contact us at adcircular@eu.averydennison.com

Niels Christian Schou
Director Sustainability & Marketing Excellence

Decorative solutions for each packaging substrate

	 **PET**	 **HDPE**	 **PP**	 **PS**	 **Glass**	 **Metal**	 **Cardboard**	 **Compostable**
Key end use segments	• Beverage • Food • HPC	• Beverage • Food • HPC	• Dairy • HPC (minor)	• Beverage • Food	• Beverage • Food	• Beverage	• Transport • Logistics	• Food • Retail
Label types and technologies	• PP, paper (PSL) • PP (wrap around) • Sleeves	• PE, MDO, paper (PSL) • Sleeves • Paper (wet glue)	• PP (PSL) • Paper (wet glue) • Direct print	• Film (PSL) • Paper (wet glue) • Direct print	• Paper, PP (PSL) • Paper (wet glue)	• Film, paper (PSL) • Direct print	• Paper DT/TT (PSL)	• Paper, compostable film (PSL)
Current Avery Dennison solutions	AD CleanFlake™	Monomaterial rPE AD BioRenew™ PE PVDC-free reclosure AD RDX™	Monomaterial rPP AD BioRenew™ PP PVDC-free reclosure AD RDX™	Filmic labels	AD CleanGlass™	AD RDX™	Paper / VI-labels Recycled paper	OK Compost certified labels

“Working together with the industry and our customers is key to delivering the sustainable label solutions of the future.”

We need to reduce our carbon footprint. Not only for the benefit of our planet but also the success of consumer-focused brands. Yet, knowing where to begin this mission can be daunting.

Fortunately, we can help.

Our Sustainable ADvantage portfolio of products and solutions is designed to help you consume fewer natural resources, reduce carbon emissions, cut waste, and move toward a circular, sustainable economy.

Solutions for today's consumer brands

Retail is something we think about a lot. As the industry's leading provider of digitally enabled, sustainable retail solutions, we address the needs of today's brands. We have developed innovations that can enable a convenient and online-centric post-pandemic marketplace, and solutions whose design and purpose acknowledge the reality of the global environmental crisis. All while helping you add efficiency, maintain margins, and stay ahead of new regulations.

It gets better.

While our Sustainable ADvantage solutions make it easy to improve your packaging's environmental impact, they can also elevate your sustainability credentials without sacrificing performance - and without necessarily paying more. In addition to this, Sustainable ADvantage solutions are created according to EcoDesign principles, such as making labels from the same material as the package to increase the likelihood of the package being recycled.

Reduction in the use of materials

Enables reuse, recycling or compostability

Contains recycled/ renewable content

Responsibly sourced

Making a difference

We are proud to contribute to a better world. Sustainability is more than just an ambition for us - it is truly the core of our business. In the end, it's all about making a real difference to our customers' businesses, their consumers' lives, our communities, and the health of our planet.

Simply put, when you choose a Sustainable ADvantage solution, you're raising the bar for a more sustainable future.

Contains recycled/ renewable content

Help build the circular economy.
Our labeling solutions leverage the circular economy concept with products made with up to 100% recycled content, thus conserving resources such as water, energy, and greenhouse gasses.

AD BioRenew™ PP
PP labels made from up to 99% bio-circular ISCC-certified content, such as used cooking oils.

AD BioRenew™ PE
This bio-circular PE filmic facestock is made from renewable, non-fossil-based sources such as cooking oils, and contains up to 99% bio-circular ISCC-certified content.

rPP chemically recycled
An ISCC-certified label material made with certified circular polymer. Up to 99% chemically recycled resin from post-consumer waste.

rPP mechanically recycled
The first pressure-sensitive label from mechanically recycled PP. White cavitated PP produced from up to 30% pre-consumer waste.

Liners with recycled or renewable content

rBG liner
Made from 15% recycled content coming from liner waste, this liner offers the same conversion and dispensing performance as conventional liners.

rPET liner
Made from 30% post-consumer waste, rPET liners are available in 23 and 30 microns, offering the same performance as conventional PET liners.

rCrush
The rCrush range is produced with 15% agri-industrial byproducts (including grape, citrus, and barley waste) and 40% post-consumer recycled paper.

rDT
BPA-free and FSC certified, this uncoated direct thermal paper label contains 15% recycled content from post-consumer waste and offers excellent converting performance, printability, and barcode readability.

Recycled wine labels
A range of paper facestocks, with 30% to 100% recycled pulp, and unique finishes ready to inspire creativity.

rMC
FSC-certified coated paper labels, rMC and rMC 100% are respectively made from 30% and 100% recycled content and have a smooth, semi-gloss appearance and reliable converting performance.

rPE
Made with 30% and 100% recycled PE resin, rPE reduces reliance on fossil fuels, requires fewer resources, and keeps plastic out of the waste stream.

Source responsibly

Supply chains that show care for people and the environment.
Our responsibly-sourced labeling solutions help brands communicate positive values, minimize dependency on fossil fuels by safeguarding scarce resources, and lower the label's carbon footprint.

FSC-certified
More than 80% of our paper products are made with wood fiber certified by the Forestry Stewardship Council® (FSC®), which means the paper is sourced from sustainable and well-managed forests.

Vegan
EVE Vegan® certified range of cruelty-free products that help to strengthen responsible sourcing.

Cane fiber paper
A wood-free paper made with 95% bagasse fiber, which is sourced from sugar cane waste, and 5% hemp and linen.

Cotton
Face material made from 100% cotton linters, a textile industry byproduct consisting of short fibers that remain on the cotton seed after ginning.

MarbleBase
A matte waterproof facestock made from 80% calcium carbonate derived from marble mining waste and HDPE.

Enables reuse, recycling or compostability

Give a second life (and more) to used packaging.
Our labeling solutions make it possible to recycle packaging, compost it, or use it again and again.

AD CleanFlake™
A breakthrough adhesive solution that enables PET recycling by allowing the label and container to neatly separate during the recycling process.

HDPE recycling
Films approved by RecyClass for coloured HDPE recycling. Products in this portfolio featuring permanent acrylic adhesive do not hinder the recycling process of colored HDPE.

Compostable labels
Biodegradable and industrial compostable solutions approved for direct contact with dry, non-fatty foods. Ideal for things like compostable coffee cups and grocery bags, they are suitable for standard conversion using conventional printing techniques.

Wash-off paper labels
Suitable for many applications including logistics, wine & spirits, beer & beverage, and food. It is suitable for labeling of glass and plastic. These labels can be removed easily and cleanly from the packaging with hot water.

MultiCycle
An ultra permanent self-adhesive label solution for returnable beer and beverage containers that withstands up to 30 product life cycles.

Oxygen Barrier PP
A PVDC-free PP reclosure label which supports the recycling process and helps to reduce food waste.

AD CleanGlass™

AD CleanGlass™ one way: A label solution that increases the recycling yield by cleanly separating from glass cullet during the recycling process, removing unwanted material from the stream.

AD CleanGlass™ returnable: A label construction for returnable beer and beverage bottles, that allows labels to easily and cleanly detach from the bottle in a conventional bottle washer.

Reclosure solutions PP and PE
Monomaterial reclosure labels, enabling packaging and labeling components to be made from the same plastic (PP or PE). This allows for more efficient recycling without separation of the label and empty container. Monomaterial constructions are used in home and personal care applications, and food packaging using our special FINAT award winning PP or PE oxygen barrier PVDC free labels.

Reduction in the use of materials

Get the job done with fewer natural resources.
The products in our portfolio that are made with less oil, water, and energy have a smaller carbon footprint than conventional label materials.

AD RDX™
This innovative portfolio of paper and film solutions increases operational efficiency and reduces the consumption of natural resources, including water and trees, resulting in less CO_2 emissions.

Avery Dennison life cycle assessment tool

Environmentally responsible labels and packaging are good for the planet and your bottom line. That's why we've created a product life cycle assessment (LCA) tool that helps you understand the environmental consequences of labeling and packaging decisions.

The tool allows you to compare two of our products and provides information on environmental impacts across six impact categories.

Fossil material
A measure of the amount of fossil fuel resources used, expressed in terms of the equivalent number of barrels of oil. A single barrel is equal to 42 gallons or 158.98 liters.

Materials from biobased sources
The amount of biobased sources required to produce a material.

Water
The amount of process water that is treated and discharged to receiving waters. This measure does not include water used for the generation of electricity via hydropower or water used for process cooling.

Energy
A measure of the total amount of primary energy extracted from the Earth, including petroleum, hydropower, and renewable sources such as solar, wind, and biomass. This does not include fossil material used as feedstock. The efficiency of electric power and heating processes is taken into consideration.

Greenhouse Gases (GHG)
A measure of greenhouse gas emissions, such as carbon dioxide (CO_2), methane (CH_4), and nitrous oxide (N_2O).

Solid waste
A measure of the total amount of solid waste generated that is disposed of offsite. This does include waste prior to incineration.

Wait a minute. Where is the Glossary?

No need to panic! You can access our full glossary here if you need some help brushing up on technical sustainability terms. We could all use a little help understanding what terms like "near infrared spectrometry" and "caustic wash" mean.

Avery Dennison: your partner for sustainable labeling solutions

With an abundance of labeling solutions and a focus on driving sustainability in the labels and packaging industry, we help brands and manufacturers meet their environmental goals. Whether you need an eco-friendly solution for an existing application, or you're looking to reinvent your packaging to be more sustainable, we want to work with you.

Who we are

We bring one-of-a-kind capabilities to sustainable labeling, combining decades of innovation with deep knowledge of regulatory and legal requirements. We also know about the real-world conditions in which our labels must perform, and the technical challenges they must meet. Whatever your product, wherever it's going, we can help you develop a sustainable 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 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 labeling. Contact us to find out how Avery Dennison can meet and exceed your needs.

label.averydennison.com

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 2018 were $7.2 billion.

AVERY DENNISON