

# AD Connect

Insights and perspective to help your business grow



Security solutions to help maintain consumers' trust

The sustainability revolution continues

RFID helps to drive change in Automotive



# Features

## Rely on our Medical Device Portfolio

As the need for medical devices surges, count on our portfolio of IEC 60601-1 compliant materials

8

## Meet the Marketing Communications team

10

## You asked, we delivered: Introducing Direct Thermal (DT) Eco

Featuring a thinner profile and non-topcoated facestock, DT Eco can help converters capitalize on growth in eCommerce

22



# Highlights

## AD Perspective 4

A turning point

## AD Innovation 24

RFID helps to drive change in Automotive



# Portfolios

## Engineered Solutions

Mix & Match Product Examples 36

Cover-Up 38

## Durable Label Materials

Automotive	40
Point-of-Purchase Tire Label	42
Appliance	44
Drum	46
Fire Extinguisher	49
HVAC	50
Lawn and Garden	52
Medical Device	54
Overlaminates	56
Outdoor Overlaminates	58
Safety and Warning Labels	60
Validation Decal	62

## Food Safety and Rotation 64

## Functional Packaging

Rapid Roll® Flexible Packaging	66
Reclosure Portfolio	68
Rapid Roll® Shrink Portfolio	70

## Intelligent Label and Security

Intelligent Label	72
Security	76

## Promotion

Direct Mail	78
Fluorescent	80
Bumper Sticker	82
Kiddie Sticker	84

## Removables 86

## Retail and Shelf

Apparel	94
Tag Stock	96
Candle and Soap	98
Holographic	100
Natural Kraft Paper	102
Piggyback	104

## Transfer Tape 106

## Wine, Spirits, and Craft Beer 108



In the last issue, I spoke about how my family and I were settling into a new routine in Northeast Ohio, and a few states were beginning to reopen from COVID-19 shut downs. While our routine has become more consistent, the current health crisis in the United States, unfortunately has not. Our primary objective these past few months has been to keep our employees safe and healthy while fulfilling our customer's needs. I'm thankful to report we have been successfully delivering on the first part of this objective, while the latter I would like to address here.

During the initial spread of COVID-19 this past spring, our employees were working around the clock to keep up with a sudden surge in demand and fulfill your requests. At the same time, as you know, we were adapting to our “once in a generation” enterprise resource planning (ERP) system implementation. While our service model is built on flexibility, the Oracle system is built for maximum automation with strict rules; bringing two competing forces together. I’m glad to share that the team has worked through the learning curve to get us a 90% shipping flexibility metric, which indicates we are making progress towards our pre-implementation service targets. However, we will not rest until you tell us that our service levels are back to where they need to be. We understand the value of customer service and strive every day to earn your loyalty through our commitment to quality and consistency.

We are at a turning point where all functions understand their roles, what to focus on, and we all have an extreme sense of urgency to get back to our pre-ERP implementation service levels. You have my commitment, along with the North American team, that we will manage the flexible business demands and help you succeed.

At the same time, our focus on delivering innovative and sustainable solutions has not wavered. In this issue, you’ll find updated portfolios designed to meet the changing demands of labels, a new addition to our Eco portfolio and a brand meeting their sustainability goals with the help of CleanFlake technology.

As we head into the back end of 2020, we are focused. We are aligned with your expectations. As always, we welcome your feedback. If you have any questions on any of the information in this issue, or in general, please do not hesitate to reach out to your Avery Dennison representative or myself.

Thank you.



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Jeroen Diderich  
Vice President and General Manager  
Label and Graphic Materials, North America

# Security solutions to help maintain consumers' trust

Avery Dennison offers proven technologies to help prevent product tampering

In a world of continuous change and increasing challenges, maintaining consumers' trust is paramount. Whether it's a pizza delivered by a local restaurant, a prepared meal picked up at a grocery store, or even a car that's been sanitized following dealership service, consumers want assurance that their products have not been tampered with. Avery Dennison offers multiple security technologies to help converters create tamper-resistant packaging and solutions for the brand owners they serve.

## Growing concern, growing demand

The interest in packaging security has grown in recent years, with the rise in counterfeiting and an increased focus on food safety. The COVID-19 pandemic has only amplified this trend. In an April 2020 study by Response Labs, for example, 36 percent of respondents cited a restaurant's COVID-19 precautions when asked what's most important when ordering takeout during the pandemic.



Such concerns are helping drive demand for tamper-protection technologies. The security labels market is expected to surpass \$45 billion by 2030, according to Future Market Insights. The demand in Food and Beverage alone is expected to grow nearly two-fold during this time period.

### Rely on Avery Dennison for security solutions

Our security solutions include film and paper label constructions combined with high performance, pressure sensitive adhesives. They're engineered to help prevent tampering in a wide variety of products.

These solutions are comprised of five, core technologies:

- ▶ **Void Labels**

A void label construction includes a pattern-release adhesive. If the label is removed, the adhesive will leave the word "VOID" on both the product substrate and the back of the label to indicate tampering.

- ▶ **Semi-Gloss and Direct Thermal Paper Labels**

This construction features either a semi-gloss or direct thermal paper facestock with a permanent adhesive. It can be affixed to create a seal on a box, bag, bottle, or other container. The facestock can be printed with either a general brand message/graphic such as a company logo, or a security message such as "Sealed for Your Protection."

- ▶ **Frangible Film Labels**

A frangible label consists of an engineered film and a specially designed adhesive. If removal of the film is attempted, it fragments into tiny pieces that remain adhered to the substrate. This makes the label extremely difficult to remove entirely, leaving visual evidence of tampering.

- ▶ **Fiber Tear Labels**

A fiber tear label uses a permanent adhesive with twice the strength of common alternatives. The label will thus damage the underlying varnish box packaging if it's removed, leaving visual evidence of tampering.

- ▶ **SharpTear Film Labels**

SharpTear film is designed to tear cleanly and easily in a single direction. This maintains product integrity, while also allowing the packaging to be cleanly opened. Small incisions or notches added at the die-cutting stage of label production initiate a clean and straight tear in the machine direction. SharpTear also drastically reduces the risk of accidental breaks during transportation and handling — a common problem when using perforated seals.

These solutions are proven, having been used for years in industries such as Pharmaceuticals, Electronics, and Medical Devices. They can be utilized in applications ranging from local food delivery/to-go containers, grocery prepared meals, beverage bottles, health/personal care packaging, car dealership service departments, hotels, and more.

### Engineered Solutions for Unique Needs

As the security trend continues to evolve, we know customers will have needs that may not be satisfactorily addressed by our current selection of products. That's where our Engineered Solutions steps in. Our team of experienced professionals will leverage their knowledge of the markets you serve and the technologies we offer to develop a custom solution that helps you grow your business.

To learn more about our solutions, and explore opportunities to meet the security needs of your customers, please contact your Avery Dennison sales representative. **AD**



## Rely on our Medical Device Portfolio

**As the need for medical devices surges, count on our portfolio of IEC 60601-1 compliant materials**



The COVID-19 pandemic has had a mixed effect on the medical device industry. As people have forgone elective procedures and hospital visits, major manufacturers such as Johnson and Johnson and Medtronic have reported drops in sales over the first half of 2020.

Meanwhile, there are areas within the medical device industry that have seen a spike in demand due to the pandemic. Specifically, it's products related to the care and treatment of COVID-19 patients: mechanical ventilators, plus equipment such as respirators and face shields.

At the start of 2020, according to the Society of Critical Care Medicine, hospitals around the U.S. had a combined stock of approximately 160,000 mechanical ventilators, with another 12,700 available in the Strategic National Stockpile. With ventilators being a key tool in the frontline fight against the virus, and with hospitalizations trending upward as of late July according to the COVID Tracking Project, the demand for this equipment has risen sharply. A June 2020 article in





NS Medical Devices predicted a CAGR of more than 10 percent through 2025 for the ventilation and intubation supplies market.

All of this spells a real need in the industry for label conversion. Durable labels are critical for the production and use of this equipment, and converters serving these manufacturers can rely on our Medical Device Portfolio to help them produce those labels and get them to market faster.

**Producing labels for medical electronic devices? Get familiar with IEC 60601**

Label converters working with manufacturers of ventilators and other medical electronic devices should be familiar with UL IEC 60601-1.

IEC 60601-1 is a set of standards covering performance and safety for medical electric equipment.

The standards are published by the International Electrotechnical Commission (IEC), and managed by Underwriters Laboratories (UL).

These standards include labeling, describing it as a “critical component of a medical device.” Specifically, they require the following test protocol:

- That both internal and external markings are clearly legible and that all required external markings are durable.
- That external markings are tested with water, methylated spirit, and isopropyl alcohol.
- That each substance is rubbed on the external marking for 15 seconds with a cloth rag.
- That the external markings are clearly legible and that labels do not fall off or curl after the rub treatments.

**A portfolio of label solutions verified for UL IEC 60601**

Avery Dennison offers a portfolio of label constructions that have been verified for the UL IEC 60601-1 standard. We’ve verified these with a wide variety of flexographic ink systems and colors. And all the products currently in the portfolio have been verified for substrates including aluminum;

glass; acrylic, epoxy, and polyester powder paint; and acrylonitrile butadiene styrene (ABS). You can find the portfolio of solutions on page 54.

**Save time and money with UL file adoption**

With file adoption, a converter must still contact UL to get the process started. But rather than go through the lengthy evaluation and approval process, the converter simply notifies UL of the intent to adopt from the Avery Dennison file of IEC 60601-1 pre-approved labels that have already passed inspection.

Simply put, file adoption saves a lot of time and money in getting a label to market. This could be especially pertinent in the current situation, with companies rushing to get equipment to frontline healthcare workers and their patients.

Please contact your Avery Dennison sales representative to discuss your customer’s specific needs, identify the right product for the application, and get guidance for the UL adoption process. **AD**

## Meet the Marketing Communications team

Based in our Mentor, Ohio headquarters, the Avery Dennison Label and Packaging Materials (LPM) Marketing Communications team helps ensure we communicate with a consistent message and voice — and more.

The team’s responsibility includes what might be thought of as “traditional” corporate communications for LGM, such as creating product marketing collateral and public relations materials, managing the label.averydennison.com website, and this magazine. It includes our Concept Lab, which develops packaging design concepts both for internal use and to help customers take advantage of business opportunities. It also includes the digital experience and updating the new My Avery Dennison portal. Finally, the team handles market research, which provides critical insights for our dynamic and changing industry.

Get to know the eight members of the team:



**Jessica George**  
**Director of Marketing Communications, LPM-NA**  
**Years at Avery Dennison: 2**

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**In a sentence, describe your main job responsibility:**

I oversee the Marketing Communications team, including customer communications, digital, e-commerce, creative, and research teams.

**What’s one thing you’d want label converters to know about Avery Dennison or the team that they may not currently know?**

We love hearing about what we can be doing better in the digital space, or where you want to hear more from us. Please feel free to reach out with feedback!

**What industry trend most interests you?**

Digital commerce and sustainable label materials

**What are your tips for staying creative or finding inspiration during remote work?**

Reading lots of marketing and trend articles online. Taking time out from my laptop to think and brainstorm. Working outside on the patio or front porch, if the weather is nice.



**Brian Bornhoeft**  
**Senior Designer**  
**Years at Avery Dennison: 2**

**In a sentence, describe your main job responsibility.** Discovering and creating unique applications for materials while maintaining industry relevant designs and communications.

**What's one thing you'd want label converters to know about Avery Dennison or the team that they may not currently know?** We're a community focused organization, volunteering time or resources for a number of internal and external programs throughout the year.

**What industry trend most interests you?** Recycled glass with observable impurities.

**What are your tips for staying creative or finding inspiration during remote work?** Try to find time in your day to look away from screens, and visit Mother Nature.



**Michelle Bober**  
**Market Research Analyst**  
**Years at Avery Dennison: 3**

**In a sentence, describe your main job responsibility.** Collecting and analyzing data on industry related topics to help form actionable items, reports, and presentations.

**What industry trend most interests you?** The growth in safety and security labels. As this business model has grown and cleanliness has become top of mind for consumers, tamper-proof labels have become the new normal for food delivery and similar applications.

**What are your tips for staying creative or finding inspiration during remote work?** Stay active! I try to find 30 minutes each day to do some kind of physical activity. This helps clear my mind and forces me to get up from my desk once and awhile.



**Alex Kidd**  
**Creative Design Manager**  
**Years at Avery Dennison: 5**

**In a sentence, describe your main job responsibility.**

As leader of The Concept Lab, I provide creative direction to the design process as well as make connections from different sources to fuel the innovation process.

**What's one thing you'd want label converters to know about Avery Dennison or the team that they may not currently know?** The amount of support that we provide. That can range from providing marketing collateral to helping a customer find the right solution.

**What industry trend most interests you?** New material trends. Whether that is to improve shelf appeal or to improve the sustainability of the package, the right material for the right product can make a big impact.

**What are your tips for staying creative or finding inspiration during remote work?** Find new ways to connect. From video meetings to socially distanced conversations, we are finding new ways to collaborate and connect during these unique times.



**Sarah Minter**  
**Marketing Communications Manager**  
**Years at Avery Dennison: 8**

**In a sentence, describe your main job responsibility**

I provide strategic consultation and marketing communications programs for the LPM business.

**What's one thing you'd want label converters to know about Avery Dennison or the team that they may not currently know?** We love to collaborate and are open to feedback! We want to make sure what we are creating resonates and works for you!

**What industry trend most interests you?** Functional packaging! I love the idea of creating innovative solutions that add value for consumers.



**Laura Noll**  
**Market Research & Insights Manager**  
**Years at Avery Dennison: 4**

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**In a sentence, describe your main job responsibility.** I manage the collection, reporting and analysis of industry and customer insights along with focusing on our customers' experience/satisfaction with MyAveryDennison and other services.

**What industry trend most interests you?** The Health & Wellness mega trend is interesting as it evolves to meet consumers' demand for mental, nutritional, and physical wellbeing. Consumers are looking for concise, clean, and clear labels showing natural ingredients, and ingredient names that they understand

**What are your tips for staying creative or finding inspiration during remote work?** When starting new projects, I like to visit interesting places around town with the team to get the creative ideas flowing. Now, I'm taking time to just search websites that can offer similar experiences to these locations.



**Christine Papesh**  
**Digital Marketing Web Specialist**  
**Years at Avery Dennison: 8 years**

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**In a sentence, describe your main job responsibility.** I maintain web content and support customers and visitors by identifying ways to improve the experience on our public and portal sites.

**What's one thing you'd want label converters to know about Avery Dennison or the team that they may not currently know?** Speak up! We love getting feedback about how we can improve your digital experiences. It helps guide our efforts to better serve our customers.

**What industry trend most interests you?** Intelligent labels and packaging. I love that a physical and tactile material is digitized and can transmit or receive information! There are huge benefits to efficiency and accuracy in using these materials without sacrificing shelf appeal.



**Laura (Guardalabene) Peters**  
**Designer**  
**Years at Avery Dennison: 1.5**

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**In a sentence, describe your main job responsibility:** I support the marketing organization through the creation of packaging prototypes, print, web and video work.

**What industry trend most interests you?** Sustainability. It's not so much of a trend as it is a total industry shift. I love seeing the creative eco-conscious packaging solutions converters and brands are coming up with to meet this important demand.

**What are your tips for staying creative or finding inspiration during remote work?** I stay creative by unplugging and enjoying outdoor activities like playing tennis and training my new puppy, Brisket.

# The sustainability revolution continues

**Even during the pandemic, brands should stay focused on their sustainability goals. Here are some key consumer trends we have an eye on.**

2020 is a year that history won't soon forget, as our world has been turned upside down by the COVID-19 pandemic. Consumers' response to the virus has had a significant impact on the broader economy, including the packaging industry. We're seeing, for instance, higher demand for single-use packaging formats as consumers are concerned about reinfection, and less availability of recycled materials.

## **Sustainability continues to be a long-term consumer priority**

A solid focus on sustainability, however, is as important as ever. Consumers are watching not only how companies respond to the pandemic itself, but how they behave with regard to their long-term goals and commitments.





AD Connect Q4 | 20





As an April 2020 article published by the Consumer Goods Forum put it, “A company’s actions during times of crisis are written into its history and make a lasting impression on consumers. We also know that sustainability will in fact become more and more pressing as we navigate through this crisis and emerge on the other side. The health of people is intrinsically linked to the health of the planet.”

The bottom line is that sustainability continues to be a long term consumer priority. Smart brands know that they need to stay focused, even as they’re responding to pressing needs.

### **Three sustainability trends for the coming year**

The Avery Dennison Market Research Team is keeping an eye on sustainability trends that will affect business for converters and the brand owners they support. We see these continuing to have an impact on our industry as we move toward 2021 and beyond.

- 1. The demand for sustainable products is continuing to grow**  
In the consumer packaged goods industry, between 2013 and 2018, 50 percent of growth came from products marketed as “sustainable.” Yet, these products represented only 16 percent (approximately) of the category. This is according to the Harvard Business Review.

In fact, products marketed as sustainable grew five times faster than those that were not. In 90 percent of consumer packaged goods categories, products marketed as sustainable grew faster than their conventional counterparts!

Products such as milk, yogurt, coffee, salty snacks, and bottled juices had the largest share — 18 percent — of sustainably marketed products. Laundry detergents and floor cleaners had less than 5 percent of that share.

- 2. Shoppers have positive feelings when choosing products from companies whose packaging aligns with their sustainability practices**  
As more consumers seek out sustainable products, it follows that they expect sustainable packaging as well.

According to EcoFocus, around two-thirds of consumers have positive feelings toward packaging that is either recyclable, made from recycled materials or renewable resources, biodegradable, compostable, or plant-based. Numbers were slightly higher for millennials, but baby boomers also scored above 50 percent in all these categories.



When asked which packaging material seemed extremely or very eco-friendly, consumers rated glass bottles and jars highest, at 54 percent. Various paper-based packaging types followed, followed by aluminum cans. Plastics generally ranked lowest.

**3. Consumers are willing to pay more for sustainability**

Need a clear sign that sustainability's day has come? There's growing evidence that consumers are "voting with their wallets," and are willing to pay more for sustainable goods.

According to Evergreen Packaging, more than 50 percent of consumers say they would pay extra for goods that are environmentally friendly. Almost two-thirds of millennials say that they'd be willing to spend more for such products, compared to 38 percent of baby boomers.

Nielsen projects that consumers will spend \$150 billion on sustainable products by 2021, up from \$135 billion in 2019!

**This issue showcases some of our newest sustainable packaging materials**

Avery Dennison remains committed to our 2025 sustainability goals, and to providing sustainable solutions that help converters and brands respond to consumer trends. Our ClearIntent™ Portfolio is a growing collection of high-performance label solutions that reduce material use, improve recyclability, increase recycled content in the end product, and are responsibly sourced. A few of our newest offerings are showcased in this issue of AD Connect. The Portfolio is backed by our service and support teams, who are dedicated to helping you succeed in today's — and tomorrow's — dynamic label market.

To discuss how the sustainability trend can be an opportunity for your business, contact your Avery Dennison representative. We're happy to talk! **AD**





# Zing Zang® uses Avery Dennison CleanFlake™ technology to make bottle recycling easy

Do you enjoy a great-tasting cocktail every now and then? Prefer the ease of making it with a mix? Then chances are you know the Zing Zang brand. Manufactured in Chicago, Illinois, Zing Zang Bloody Mary Mix is the number one and fastest growing cocktail mix in the US, according to Nielsen Scan data company. Zing Zang offerings also include Cocktail Mixes made with all natural ingredients for Margaritas, Piña Coladas, Strawberry Daiquiris, and Sweet & Sour drinks.

In 2020, the company embarked on a significant project: transitioning its top-selling, 32-ounce Bloody Mary mix bottle from glass to an unbreakable lightweight plastic made from 25% post recycled content. The materials switch promised a range of consumer benefits, including greater portability, greater durability, and greater sustainability. The switch would also make bottles cost less to produce, saving money that the company could re-invest in sales and marketing efforts.

## **Ensuring packaging is fully recyclable**

Transitioning to an unbreakable lightweight plastic put Zing Zang in the middle of a growing trend among beverage producers: making sure packaging is fully recyclable. This can include support of and alignment with recycling industry initiatives, such as the Sustainable Packaging Coalition's (SPC) How2Recycle program. It also can include more thoughtful selection of packaging and label materials, including those that are fully compatible with recycling processes.

The company's own market research indicated that consumers appreciate the light weight and durability of plastic, along with the recyclability. But it also showed there's some lack of knowledge among consumers regarding just what needs to be done to recycle a plastic bottle. "It's not enough just to say that a bottle is recyclable," says Diana Fujimura, Director of Marketing, Zing Zang. "There are additional steps by the consumer, like rinsing the bottle, replacing the cap, and removing the label. And that label removal can be a real unknown barrier for many."

### **A long relationship between brand and label converter**

When it comes to producing its bottle labels, Zing Zang has had a long relationship with Pamco Label, a Resource Label Group Company. Located in Des Plaines, Illinois, the company provides digital and flexographic label printing services for Chicago/Midwest companies serving a wide range of markets. Pamco Label has been Zing Zang's exclusive label partner and provides extensive art, pre-press, printing and inventory services for multiple products and bottle sizes.

### **Why Pamco Label recommended CleanFlake™**

For Zing Zang, Pamco Label recommended using Avery Dennison CleanFlake™ adhesive and a paper facestock. While there were many sustainable product solutions evaluated, CleanFlake™ eliminates the need for the consumer to remove the label, as the adhesive separates cleanly from the plastic bottle during the PET recycling process. The resulting pure

plastic flakes can be 100 percent recycled into food-grade bottles and containers. This increases the recycling yield and the overall availability of recycled content.

"It's important, as a partner, to really understand where the customer is headed with their brand and packaging," says Kevin Frydryk, Regional VP Sales & Marketing, Resource Label Group. "This allows us the ability to guide choices. With Zing Zang, that understanding came about through discussions about their rebranding and plans to replace glass with unbreakable lightweight plastic. Label converters play an important role in understanding the application, and what substrate and adhesive will work best."

### **Working with the SPC's How2Recycle**

Zing Zang also engaged the SPC for guidance on consumer communication. Its How2Recycle program provides brands with a standardized format for printing recycling instructions on packaging. Aligning with principles of simplicity and ease of comprehension by the consumer, the new Zing Zang label features the How2Recycle logo, and instructions to "Recycle our new unbreakable lightweight bottle featuring a CleanFlake™ label by rinsing the bottle and replacing the cap."

"CleanFlake™ is the world's first adhesive that cleanly separates from plastic during the wash portion of the recycling process," says Angel Harvey, Senior Product Manager — Films. "By increasing the supply of recycled content, CleanFlake™ helps reduce recycling costs, and can help brands meet the growing demand for sustainable packaging materials. AD



# You asked, we delivered: Introducing Direct Thermal (DT) Eco

Featuring a thinner profile and non-topcoated facestock, DT Eco can help converters capitalize on growth in eCommerce

Have you checked your front porch today?

If you're like many Americans, you're relying more than ever on eCommerce to keep you stocked on everything from food staples, to electronics, to health and beauty items, and much more.

Fact is, the COVID-19 pandemic has resulted in an eCommerce boom. A June 2020 article in Forbes, citing data from Adobe Digital Insights, proclaimed that the pandemic has "accelerated

eCommerce growth 4 to 6 years," with online spending this May up 77 percent over May 2019. A wide range of product categories have seen double digit online sales growth, year over year, according to a study by the consultancy Bazaarvoice.

All this means that major online retailers, and the logistics and shipping providers they rely on, are suddenly much, much busier than ever before. Chances are they're looking for ways to increase their productivity and trim costs.

## Converters spoke, we listened

Since the successful rollout of our Thermal Transfer Coated (TTC) Eco in early 2019, converters and their customers alike have enjoyed a range of productivity and sustainability benefits derived from the construction's thinner profile. Now, converters have asked for a non-topcoated construction, even better suited to opportunities in eCommerce and other fast-growing applications.

So, say hello to DT Eco.



Created as a “sister product” to TTC Eco, DT Eco offers many of the same advantages. It’s a thin, 2.1 mil, non-topcoated, direct thermal printable facestock, made with FSC®-certified paper. That facestock is married to our S1550 pressure-sensitive adhesive, a general purpose product designed for reliable adhesion to corrugated cardboard and superior adhesion to plastic surfaces. The liner is our 25#SCK, a bleached, calendered, kraft stock featuring high internal strength, toughness, and tear resistance.

### **Engineered for eCommerce applications**

Thinner than standard constructions typically used in hand held, direct thermal printing applications, DT Eco offers

substantial benefits of reduced costs, increased productivity, and greater sustainability.

Because it uses thinner components, a 20,000 foot roll of DT Eco has the same outer diameter and weight as a 15,000 foot roll of a standard product. This saves on shipping and handling costs across the supply chain. It allows converters to run longer quantities of the material with less frequent changeover, helping them increase productivity. With that 33 percent gain in labels per roll, end users have less downtime devoted to label roll changes. This helps them get more done during their busy shifts.

DT Eco also offers considerable sustainability gains. Compared to a typical construction used for the

application, DT Eco uses 16 percent less fossil material, 27 percent less biobased material, 21 percent less water, 24 percent less energy to produce, and produces 27 percent less greenhouse gas emissions and 26 percent less solid waste.

### **Available as part of our EXACT™ program**

DT Eco is now available, and is part of our EXACT service program to help you get just the quantity of material you need. To learn more, and get your hands on a sample roll, just contact your Avery Dennison sales representative. **AD**



### **Help us grow our Eco Portfolio**

With the addition of DT Eco, our Eco Portfolio now includes two products engineered to help trim costs, increase productivity, and improve sustainability ... and help converters grow their business in eCommerce. If you have any questions about these materials, or suggestions for additional materials to be added to the Eco Portfolio, please contact your Avery Dennison sales representative.



# RFID helps to drive change in Automotive

Industry complexity means more opportunity for label converters — here's why:

In competitive and fast-moving industries, manufacturers and suppliers alike are often quick to adopt technologies that promise greater profitability and an edge over the competition. Now, with the Internet of Things (IoT) becoming increasingly mainstream, those in the Automotive industry are finding more and more new uses for RFID-based Intelligent Labels.

## RFID offers tremendous benefits to the industry

Part of what makes Automotive such a natural “home” for IoT/RFID is the incredible complexity of the industry’s supply chains, and its long-running efforts to eliminate waste and gain efficiencies. A single vehicle has about 30,000 individual parts, according to one estimate by Toyota. Those parts may come from a wide range of suppliers positioned all over the world. The use of IoT/RFID means being able to accurately account for each of those parts, before, during, and long after assembly. That can offer tremendous benefits.

RFID tags can be adhered to virtually any vehicle component (more about the adhesion part in a bit), to collect and transmit data throughout its lifecycle — from manufacture, to OEM assembly, to the end user. They can help OEMs add “intelligence” to their manufacturing processes, enabling real time visibility of production activities, full traceability, and automated identification of parts in storage. They can also help improve transportation and logistics for OEMs and their dealers.





## From seat cushions to tires

Here are just a few current examples of RFID applications in the industry:

- A seat-cushion material tier supplier sells to multiple OEMs, each with different specifications. The supplier thus relies on RFID to ensure its sending the right material to the right manufacturer.
- A manufacturer of custom work vans uses RFID to ensure vehicles are made exactly to each customer's spec. As a van is built up from the chassis, each added part must be confirmed as correct for the order before the vehicle can progress along the assembly line.
- An airbag manufacturer places RFID tags on its products to allow post-assembly identification, without having to disassemble the steering wheel. This could be especially beneficial in the event of a recall.
- OEMs are using RFID to authenticate parts, helping prevent fraud/counterfeiting.
- A national dealership with tens of thousands of pre-owned vehicles for sale uses RFID to manage its large inventory and ensure that the correct vehicle is located and delivered when a customer places an order.
- Tire manufacturers use RFID labels to assist with aftermarket product traceability and logistics. In fact, retail giant Wal-Mart now requires all tires sold in its stores to have RFID labels for inventory purposes.



## Making it stick — Intelligent Labels

Avery Dennison is well positioned to help the Automotive industry continue on its path to RFID adoption. We're the world's largest UHF RFID partner, and our recent acquisition of Smartrac means we now offer an unparalleled product portfolio combined with global capabilities.

Of course, we also offer a wide range of innovative, pressure sensitive labelling solutions — tailored to exterior, interior, and under-hood applications — through our Automotive Portfolio. These label solutions can be combined with our RFID offerings to make Intelligent Labels for countless automotive needs.

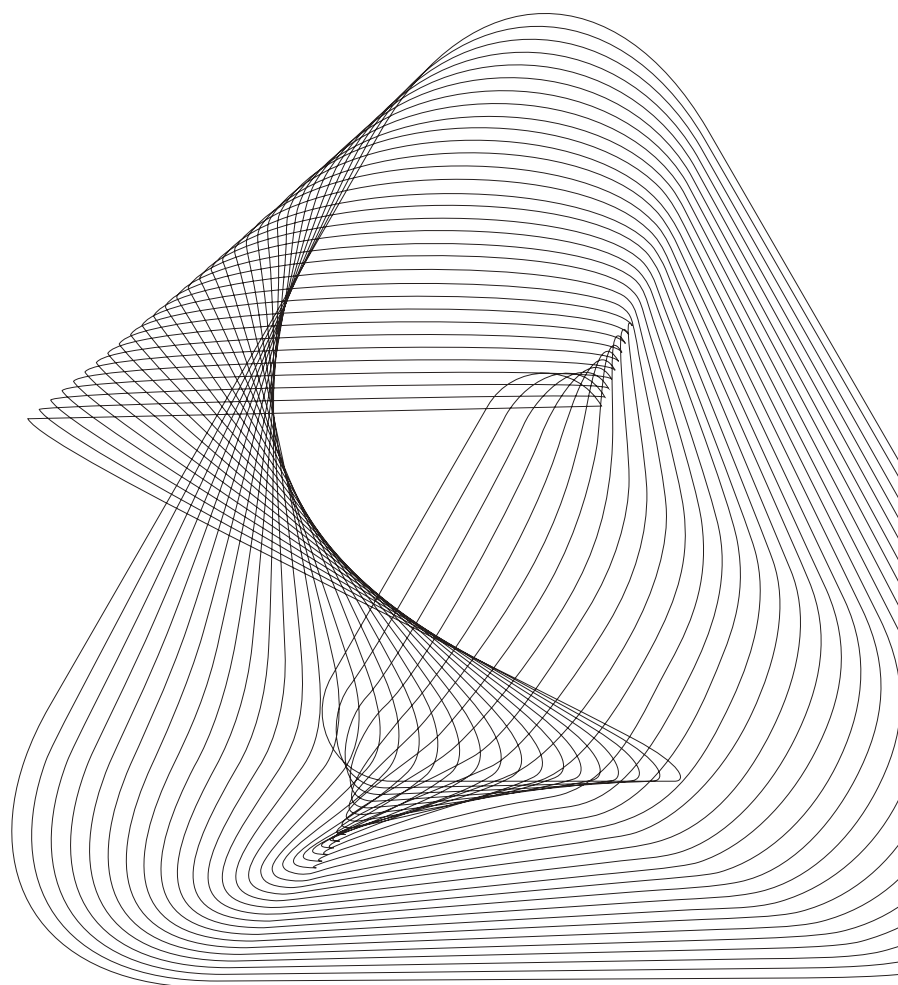
These adhesive solutions offer excellent adhesion to low surface energy substrates, high temperature and chemical resistance, durable performance in harsh environments, and compliance with industry standard testing parameters.

Importantly, many of the solutions in our Automotive portfolio are certified for a wide range of OEM specifications in our ISO 17025 certified laboratory. This can help make it relatively easy for customers to get a product to market using an Avery Dennison adhesive solution.

### A wealth of opportunity for converters

Avery Dennison can help you take advantage of that opportunity to grow your business with Intelligent Labels. To learn more about our Intelligent Label and Automotive Portfolios, contact your Avery Dennison sales representative. **AD**

# A Collection of Ideas from the Avery Dennison Concept Lab







Model 352VS Variable Speed  
Belt Sander With Dust Collection

3 x 21

120 V~ 50/60 Hz 8 A (NOM 8 A) no 850 - 1300/min (SFPM)  
Belt Size: 3" x 21" (76,2 mm x 533,4 mm)

TYPE 8 SER. 657087 2018 23-LY

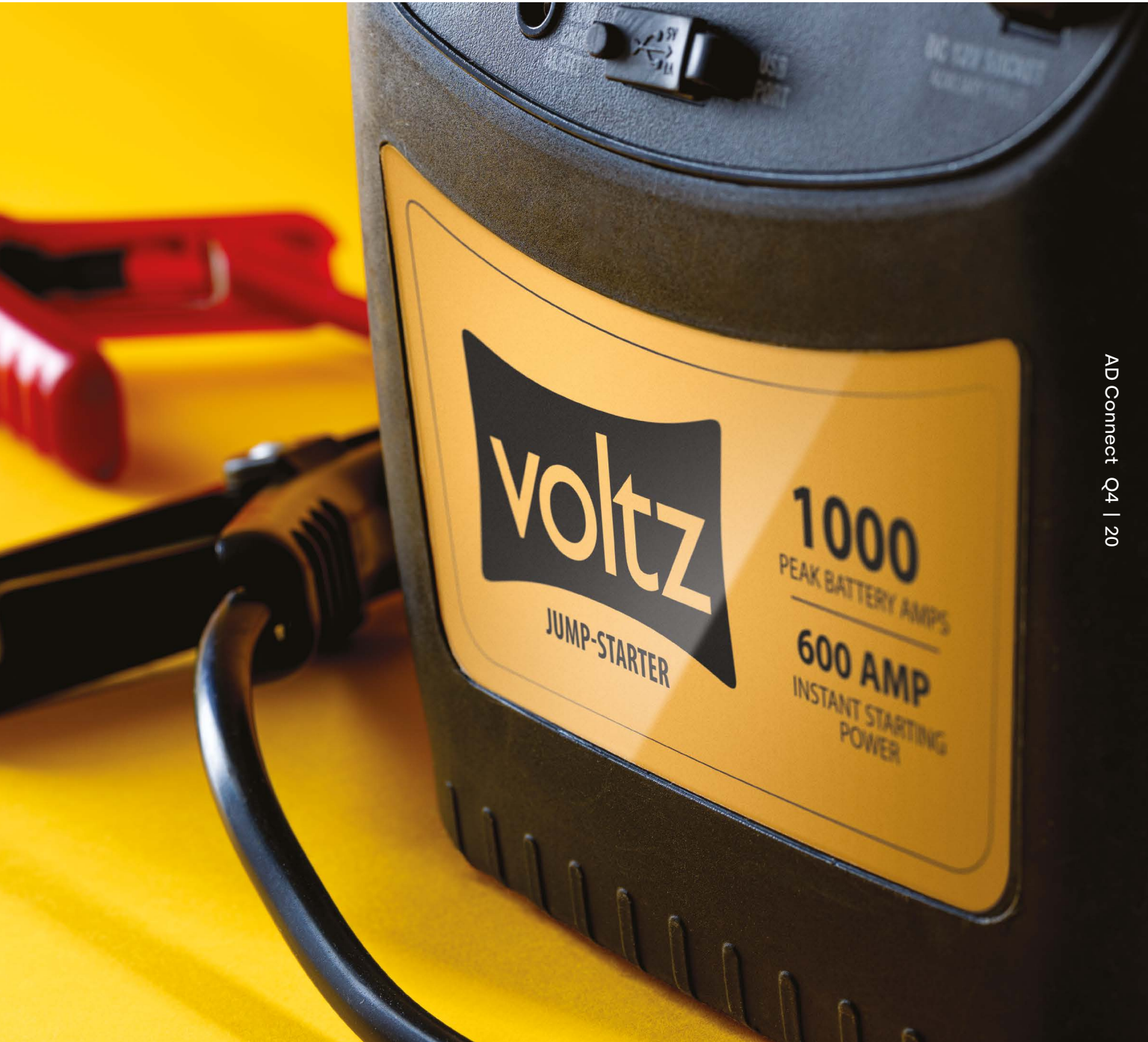


**⚠ WARNING** TO REDUCE THE RISK OF INJURY, USER MUST READ  
INSTRUCTION MANUAL. ALWAYS USE PROPER EYE  
AND RESPIRATORY PROTECTION.

**⚠ ADVERTENCIA** PARA EL MANEJO SEGURO LEA EL MANUAL DE  
INSTRUCCIONES. SIEMPRE SE DEBERÁ LLEVAR  
LA PROTECCIÓN APROPIADA PARA LA VISTA Y PARA LAS VÍAS RESPIRATORIAS.

**⚠ AVERTISSEMENT** À TITRE PRÉVENTIF, LIRE LE GUIDE. IL  
FAUT TOUJOURS PORTER DE  
L'ÉQUIPEMENT DE PROTECTION OCULAIRE ET RESPIRATOIRE APPROPRIÉ.

MADE IN MEXICO









JS651L1 120V ~ 60Hz · 6,1A n<sub>0</sub> 0-3, 200/min

28TD  
cUL<sup>US</sup>  
LISTED  
PORTABLE TOOL  
E256053



Made in China  
Fabriqué en Chine  
Fabricado en China

CS16115DC28437 

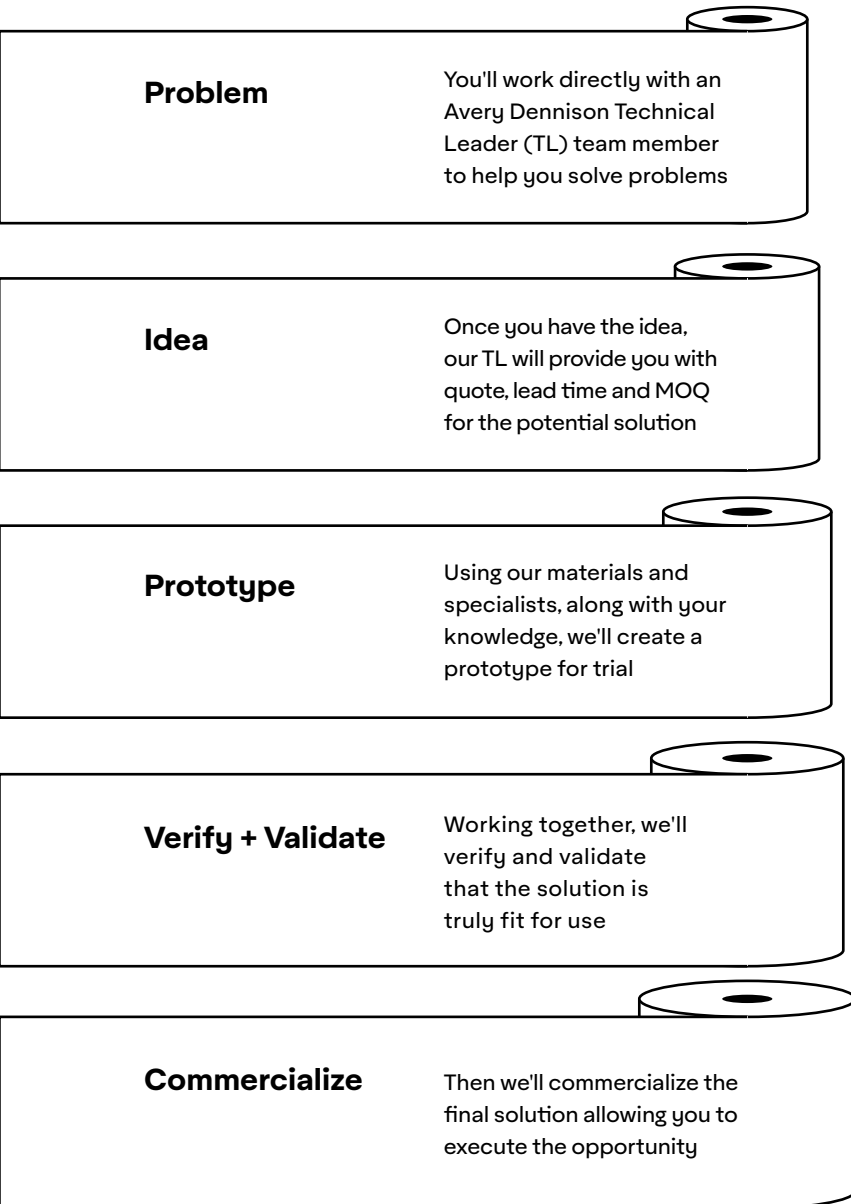




# Customization is an Expert Away



**Select Solutions™  
Mix & Match &  
Engineered Solutions**



**Collaboration. Validation.  
Commercialization.**

Take the opportunity to harness the power of an experienced team of label materials experts to create unique solutions for your clients. Technical Leaders can Mix and Match existing material or create an Engineered Solution with unique material, pattern or performance.

Some applications call for a special material requirement, be it size, shape or performance criteria. Our technical solutions team will work with you to produce a label material specifically designed for such unique needs— a one-of-a-kind product for you and your end user.

Together, we'll go from concept to commercial to develop innovative products that please your clients and help drive your business.

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Get started with Select Solutions Engineered Solutions, visit [label.averydennison.com/engineered](http://label.averydennison.com/engineered)

**Mix &  
Match  
Product →**

# Engineered Solutions and Mix & Match Product Examples

Avery Dennison Technical Leaders leverage Mix and Match and Engineered Solutions to help customers find the right labeling solution for their specific application needs. We bring you a wide range of carefully selected combinations of facestock, liners and adhesives, to deliver supreme results for challenging label constructions. See some examples of mix and match constructions our team has created on the next 3 pages.

## Versatile, flexible way to create select label solutions






Unique product examples

- Select from foils, films, metallized films, papers and more in combination with our best-performing adhesives
- Get the benefit of a customized label solution with low MOQs, quick pricing and rapid shipping



### Adhesive Matrix

To help you better navigate our products, below is an easy-to-use and understand adhesive matrix. The matrix allows you to swiftly identify the correct adhesives for your applications.

		R423	R3400	S246	S490	S4600	S2501	S692N	S8001	S8015
Low Surface Energy		Excellent	Excellent	Excellent	Good	Excellent	Good	Good	Excellent	Excellent
High Surface Energy		Excellent	Good	Excellent	Excellent	Good	Good	Good	Excellent	Excellent
Tough Substrates		Not Recommended	Not Recommended	Not Recommended	Good	Excellent	Good	Not Recommended	Good	Excellent
Curved (>1")		Good	Good	Excellent	Good	Good	Good	Good	Excellent	Excellent
Curved (<1")		Not Recommended	Not Recommended	Not Recommended	Not Recommended	Excellent	Not Recommended	Not Recommended	Good	Excellent

AD Connect Q4 | 20



# Select Solutions™ Cover-up Portfolio

High-opacity barrier coating on paper or film corrects errors and covers-up outdated information on packaging, labels and containers

## Portfolio Characteristics

- Durable, pressure-sensitive films, coated and uncoated papers
- A range of adhesives
- More cost-effective and convenient than removing old labels or replacing entire packages
- Easily masks obsolete variable information, barcodes and pricing
- New data is easy to read and completely scannable

## Applications

- Logistics and transport
- Pharmaceutical
- Industrial chemical labeling
- Food and retail promotions
- Home and personal care



Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time
15477	Semi-Gloss Elite™ FasCover™ 2/AT20/40#SCK	EXACT™/2500	WCT	Next Day
		EXACT™/5000	FTW	
		EXACT™/10000	DAL	
19185	54# Semi-Gloss FasCover™ 2/C2500/40#SCK	EXACT™/5000	PTC	Next Day
07636	60# Cast Gloss FasCover™ 2/AT20/40#SCK	EXACT™/5000	FTW	Next Day
13601	Trans-Therm® 1C FasCover™ 2/AT20/40#CK	EXACT™/5000	PTC	Next Day
06263	Matte Litho FasCover™ 2/AT20/40#SCK	78/1668	FTW	Next Day
15562	Direct-Therm 200HD FasCover™/AT20/40#SCK	60/1668	PVL	Next Day
53825	Inverted-Face MaxFlex™ Bright Silver/S246/40#SCK	30/1500	PTC	4 Days
08192	Inverted-Face Bright Silver Foil/S246/40#SCK	30/1500	PTC	4 Days
75312	Inverted-Face Metallized Primax® 250/ S1000/44#PK	EXACT™/2500	PVL	4 Days

PVL=Painesville, OH PTC=Peachtree Clty, GA FTW=Fort Wayne, IN WCT=West Coast

# Automotive Portfolio

Performance that goes the distance

## Portfolio Characteristics

- Full range of self-adhesive materials, including multiple facestocks and adhesives
- High temperature and chemical resistance
- Durable performance in harsh environments
- Compliant with REACH, RoHS, IMDS and common testing parameters specified by automotive OEMs
- Excellent adhesion to a wide range of substrates, including rough and low surface energy plastics

## Applications

- **Under-the-hood**  
Labels for heat/chemical-resistant warnings, engine component instructions, tracking, fluid containers, car batteries and cables
- **Exterior**  
Fuel cap, tire pressure and tracking/service labels
- **Interior**  
Airbag, security/anti-counterfeit, warning, instruction and tracking labels





Spec#	Product Description	Width/Length (In./Ft)	Location	Lead Time	Metal Substrates	Painted and Plastic Substrates	Rough/Low Surface Energy Substrates	Interior Use Only
76656	2 Mil White PET TC/S8015/50#SCK	Stock/5000 EXACT™/1668	NEE	1 Day	✓	✓		
76658	2 Mil Matte White PET TC/S8015/50#SCK	Custom Coat/5000	PVL	5 Days	✓	✓		
76660	2 Mil Matte Chrome PET TC/S8015/50#SCK	EXACT™/1668	NEE	1 Day	✓	✓		
*79453	2 Mil White PET TC/S8049/50#SCK ABC	Stock/1668	PVL	1 Day	✓	✓	✓	
79534	2 Mil Matte Chrome PET TC/S8049/50#SCK ABC	Custom Coat/1668	PVL	5 Days	✓	✓	✓	
78385	2 Mil White PET TC/S8001/50#SCK	EXACT™/5000	PVL	1 Day	✓			✓
78401	3 Mil Synthetic Paper/S8001/50#SCK	EXACT™/5000	PVL	1 Day	✓			✓
78387	2 Mil Matte Chrome PET/S8001/50#SCK	EXACT™/5000	NEE	1 Day	✓			✓
79653	2 Mil White PET TC/8049A/EZ Liner	Custom Coat/1000	PVL	4 Days	✓	✓	✓	
79654	2 Mil Brushed Chrome PET TC/8049A/EZ Liner	Custom Coat/1000	PVL	4 Days	✓	✓	✓	
*79732	2 Mil White PET TC/S8029/50# SCK ABC	Single Roll/2500 Stock/1668	PVL	4 Days 1 Day	✓	✓	✓ ✓	
<b>Overlaminates</b>								
77855	1 Mil Clear Print-Treated PET/S730/1 Mil PET	EXACT™/5000	NEE	1 Day				
77841	1 Mil Clear PET TC/S8020/40# BG	Ready Width™ 6/5000 Ready Width™ 12/5000	PVL	1 Day				
<b>Products designed to be tamper evident</b>								
78194	2 Mil White Void PET TC/S8015W/50#SCK	EXACT™/1700	NEE	1 Day	✓	✓		
78195	2 Mil Silver Void PET TC/S8015/50#SCK	EXACT™/1700	NEE	1 Day	✓	✓		
<b>Labels designed to adhere to silicone or silicone-treated surfaces</b>								
*79438	1.5 Mil White PET TC/S8092/3 Mil PET	Single Roll/850	PVL	1 Day				

PVL=Painesville, OH NEE=Neenah, WI  
 ✓ = Performs on designated substrates

# Point-of-Purchase Tire Label Portfolio

Tire label materials designed for greater adhesion,  
performance and brand image

## Portfolio Characteristics

- Exclusive technology that prevents unsightly staining due to rubber compound migration through the label
- Consistent, premium look for better brand appeal
- Excellent adhesion, with very good material performance under extreme temperatures of -4 to 160°F
- Customizable adhesive coat weights

## Applications

- Tires



Spec#	Product Description	Coat Weight	Gum Pattern	Service Program	Location	Lead Time
79458	2.1 Mil PP TIRE TC WHITE/ TS8000/50# MF	65	Full Gum	Custom Coat	PTC	5 Days
79465	2.1 Mil PP TIRE TC WHITE/ TS8000 SGP/50# MF	65	6" Pattern	Custom Coat	PTC	5 Days
79462	2.1 Mil PP TIRE TC WHITE/ TS8000A/50# MF	58	Full Gum	Custom Coat	PTC	5 Days
79324	2.1 Mil PP TIRE TC WHITE/ TS8000A SGP/50# MF	58	5" Pattern	Custom Coat	PTC	See your Sales Rep
79466	2.1 Mil PP TIRE TC WHITE/ TS8000A SGP/50# MF	58	6" Pattern	Custom Coat	PTC	5 Days
79484	2.1 Mil PP TIRE TC WHITE/ TS8000 SGP/50# MF	50	5" Pattern	Custom Coat	PTC	5 Days
79811	3.0 Mil TIRE AUTO DISPENSE/ TS8000/45# BG	48	6" Pattern	Run & Hold	NEE	Run & Hold

For our full line of tire labeling offerings please visit our website or speak with your Avery Dennison Sales Representative.  
PTC=Peachtree City, GA NEE=Neenah, WI

# Appliance Portfolio

Functional constructions developed to perform on a variety of difficult-to-adhere-to surfaces

## Portfolio Characteristics

- Advanced adhesives that perform on difficult-to-adhere-to surfaces that are heavily textured; feature brushed metal, powder coatings and velvet finishes; or have come in contact with chemical cleaning agents
- Materials that offer branding and point-of-purchase performance, while providing abrasion, tear, and moisture and environmental resistance
- Voidable film facestocks and tamper-evident vinyls designed for counterfeiting and security functionality
- Removable adhesives for quick, clean removal
- Constructions suited for laser and thermal transfer printing

## Applications

- Washers and dryers
- Refrigerators
- Microwaves
- Coffee makers
- Televisions
- Toasters/toaster oven
- Trash compactors



Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time
78385*	2 Mil White PET TC/S8001/50#SCK	EXACT™/5000	NEE	1 Day
78387*	2 Mil Chrome PET TC/S8001/50#SCK	EXACT™/5000	NEE	1 Day
77844*	1 Mil Clear PET Overlaminate	EXACT™/2500	PVL	1 Day
		EXACT™/2500	WCT	1 Day
78401*	3 Mil Synthetic Paper/S8001/50#SCK	EXACT™/5000	PVL	1 Day
78403*	2.3 Mil White BOPP TC/S8001/50#SCK	EXACT™/5000	NEE	1 Day
78947*	2 Mil Clear PET TCRC/S8015LW/50#MF	Stock 6/2500	PVL	1 Day
79327*	2 Mil Clear PET TCRC/S8025/50#MF	Custom Coat 60	PVL	7-10 Days
77921*	2 Mil Clear PET TC/S8025/50#SCK	EXACT™/5000	NEE	1 Day
78064**	2.3 Mil White BOPP TC/I406KB/40#BG	Custom Coat 60	PVL	7-10 Days
79648*	4 Mil Vinyl TCD/S8025/50#SCK	Stock 54/1668	PVL	1 Day
18328	60# Semi-Gloss Elite™/R5195/40#SCK	EXACT™/5000	FTW, PTC, QTN, DAL, WCT	1 Day
		EXACT™/10000	FTW, QTN	1 Day
78149	2.3 Mil White BOPP TC/R3500/40#SCK	EXACT™/5000	PVL	1 Day
78826	2 Mil Clear BOPP TC/R1490/1.2 Mil PET	Stock 54/1668	NEE	1 Day

\*UL®-recognized \*\*UL-recognition pending  
 NEE=Neenah, WI PVL=Painesville, OH WCT=West Coast FTW=Fort Wayne, IN  
 PTC=Peachtree City, GA QTN=Quakertown, PA DAL=Dallas, TX

# Drum Portfolio

Durable, proven materials featuring  
BS 5609 Section 2 and 3 certification

## Portfolio Characteristics

- Consistent adherence to a range of drum surfaces
- Strong enough to withstand ongoing outdoor exposure
- Weather- and temperature-resistant
- Impervious to contact with aggressive chemicals and saltwater
- Highly adaptable to varying container sizes and diameters
- A range of cost and performance options
- Materials suitable for thermal transfer and laser printing
- Repositionable adhesives

## Applications

- Containers
- Drums

All specifications are  
BS 5609 section 2 certified.



Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time
<b>Print Method: Laser</b>				
78037	3.4 Mil Lasercode DL TC/S4600/79#CCK <b>BS 5609 Section 3</b> Lexmark C792e, Lexmark C6160, Primera CX1200, NeuraLabel 500e	EXACT™/5000	PVL	Next Day
54162	2 Mil White Laser PET/S4600/66#PK <b>BS 5609 Section 3</b> Lexmark C792e, Lexmark C6160, Primera CX1200, NeuraLabel 600e, Ricoh SP830, Ricoh 840, Japan Electronics Ind. Inc JP 600-L, Japan Electronics Ind. Inc JP 621-LC	Stock/1668	PVL	Next Day
<b>Print Method: Thermal Transfer &amp; UV Inkjet</b>				
79572	3.7 Mil Smudgeproof Kimdura®/S4600/50#SCK <b>BS 5609 Section 3</b> <b>UV Inkjet Printers:</b> Durst Tau330 (black only), Domino n610i, Jetrion 4000 Series for 4900 Press, Jetrion 4950, <b>Thermal Transfer Ribbons:</b> Armor AXR1/AXR600R: Zebra, Armor AXR7+/AXR600R Red: Microplex, Armor AXR 8 Black+AXR600R Red: Datamax, Zebra, limak SP330 Black+DC300 Ruby Red: Zebra, ITW B128 Black+B120 Red: Cab, Zebra, ITW B324 Black+B324 Red Resin: Cab, Datamax, Zebra ITW CP TR5940 Black+TR5440 Red: Datamax, Zebra	EXACT™/5000	PVL FTW WCT	Next Day
72197	Fasson® 4 Mil Transcode®/S475/50#SCK <b>BS 5609 Section 3</b> <b>UV Inkjet Printers:</b> Durst Tau330 (black only), Domino n610i, Jetrion 4000 Series for 4900 Press, Jetrion 4950, Mark Andy Digital One, Screen TruePressJet L350+, <b>Thermal Transfer Ribbons:</b> Armor AXR1/AXR600R: Zebra Armor AXR 8 Black+AXR600R Red: Datamax, Zebra Astromed RY Black+RAE Red: Zebra DNP R300 Black+R510 Red: Datamax, Zebra limak SP330 Black+DC300 Ruby Red: Data, Zebra limak SP575 Black+DC300 Ruby Red: Data, Zebra ITW B128 Black+B120 Red: Zebra ITW B324 Black+B324 Red Resin: Datamax, Zebra ITW CP TR5940 Black+CP TR5440 Red: Datamax, Zebra	EXACT™/5000	NEE WCT	Next Day
72197	Fasson® 4 Mil Transcode®/S475/50#SCK <b>BS 5609 Section 3</b> <b>UV Inkjet Printers:</b> Durst Tau330 (black only), Domino n610i, Jetrion 4000 Series for 4900 Press, Jetrion 4950, Mark Andy Digital One, Screen TruePressJet L350+, Armor AXR1/AXR600R: Zebra <b>Thermal Transfer Ribbons:</b> Armor AXR 8 Black+AXR600R Red: Datamax, Zebra Astromed RY Black+RAE Red: Zebra DNP R300 Black+R510 Red: Datamax, Zebra limak SP330 Black+DC300 Ruby Red: Data, Zebra limak SP575 Black+DC300 Ruby Red: Data, Zebra ITW B128 Black+B120 Red: Zebra ITW B324 Black+B324 Red Resin: Datamax, Zebra ITW CP TR5940 Black+CP TR5440 Red: Datamax, Zebra	EXACT™/5000	NEE WCT	Next Day
79480	2.6 Mil Synthetic Paper/8020/40#SCK <b>BS 5609 Section 3</b> <b>UV Inkjet Printers:</b> Jetrion 4000 Series for 4900 Press <b>Thermal Transfer Ribbons:</b> Armor AXR1/AXR600R: Zebra Armor AXR 8 Black+AXR600R Red: Datamax, Zebra DNP R300 Black+R510 Red: Zebra limak SP330 Black+DC300 Ruby Red ITW B128 Black+B120 Red: Zebra ITW B324 Black+B324 Red Resin: Datamax, Zebra	Stock/1000	PVL	Next Day

Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time
<b>Print Method: Inkjet</b>				
79348	Fasson® 5 Mil Matte Inkjet DL Kimdura®/S4600/50#SCK <b>BS 5609 Section 3</b> TMC3400, TMC3500, NeuraLabel 300x, Epson C831, Epson C6000, Epson C6500	EXACT™/2500	PVL	Next Day
79724	Fasson® 3.4 Mil Matte White SYN WBIJ/S4600/50#SCK <b>BS 5609 Section 3</b> Afinia L501, Primera LX910, TMC3400, TMC3500, Epson C831, Epson C6000, Epson C6500	EXACT™/10000	PTC	Next Day
<b>Print Method: Flexo</b>				
79572	3.7 Mil Smudgeproof Kimdura®/S4600/50#SCK <b>BS 5609 Section 3</b> <b>Flint corona treatment:</b> Flint Force (all colors) - No Varnish, Flint Force (all colors) - Varnish (Flint UVF 02052) <b>Environmental Ink (corona treated):</b> DR III FR Ink (all colors) - No Varnish, Films III Ink (all colors) - No Varnish, Wikoff: PolyTech XR (all colors) - No Varnish	EXACT™/5000	PVL FTW WCT	Next Day
72197	Fasson® 4 Mil TransCode®/S475/50#SCK <b>BS 5609 Section 3</b> <b>Flint no corona treatment:</b> Flint Force (all colors) - Non Varnish, Flint Force (all colors) - Varnish (Flint UVF 02052) Environmental Ink (corona treated): DR III FR Ink (all colors) - No Varnish, Films III Ink (all colors) - No Varnish <b>Actega:</b> Optifilm Ink (all colors) - Varnish (Flint UVF 02052), Versifilm Ink (all colors) - Varnish (UVF 02052) Wikoff: PolyTech XR (all colors) - No Varnish	EXACT™/5000	NEE/ WCT	Next Day
79480	2.6 Mil Synthetic Paper/8020/50#SCK <b>BS 5609 Section 3</b> <b>Flint no corona treatment:</b> Flint Hydrofilm Ace (all colors)- Varnish (Flint UVF 02052) <b>Environmental Ink (corona treated):</b> DR III FR Ink (all colors) - No Varnish, Films III ink (all colors) - No Varnish, Wikoff: PolyTech XR (all colors) - No Varnish	Stock/1000	PVL	Next Day

PVL=Painesville, OH WCT=West Coast NEE=Neenah, WI FTW=Fort Wayne, IN PTC=Peachtree City, GA



# Fire Extinguisher Portfolio

New UL® 299 recognized solutions

## Portfolio Characteristics

- Two solutions with UL recognized inks, ribbons and adhesives for labeling portable dry chemical and powder fire extinguishers (Class D), and stainless steel water-based units (Class A)
- UL recognized label system allows you to file for a label adoption, significantly reducing the time, cost and effort of adding a product to a UL file

## Applications

- Fire extinguishers
- Safety equipment



AD Connect Q4 | 20

Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time
77536	2.3 Mil White BOPP/S6600/50#SCK	EXACT™/5000	PVL	Next Day
77844	1 Mil Clear Print-Treated Polyester/S8020/40#BG	EXACT™/2500	PVL, WCT	Next Day
		EXACT™/5000	PVL	

PVL=Painesville, OH WCT=West Coast

# HVAC Portfolio

Materials designed to perform on a broad range of surfaces under intense conditions

## Portfolio Characteristics

- Materials that showcase branding and point-of-purchase; with adhesives that remove cleanly over time
- Excellent abrasion and tear resistance; moisture resistance; environmental resistance (temperature extremes / UV / chemicals)
- Advanced adhesives for difficult-to-adhere-to surfaces
- Compatibility with oily surfaces
- Compatibility with laser, thermal transfer, inkjet and conventional printing methods

## Applications

- Air conditioners/air handlers
- Furnaces
- Water heaters
- Heat pumps
- Radiant flooring
- Thermostats
- Dehumidifiers
- Ventilation



Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time
78385*	2 Mil White PET TC/S8001/50#SCK	EXACT™/5000	NEE	Next Day
78387*	2 Mil Chrome PET TC/S8001/50#SCK	EXACT™/5000	NEE	Next Day
77844*	1 Mil Clear PET Overlam	EXACT™/2500	PVL, WCT	Next Day
		EXACT™/5000	PVL	Next Day
78401*	3 Mil Synthetic Paper/S8001/50#SCK	EXACT™/5000	PVL	Next Day
78403*	2.3 Mil White BOPP TC/S8001/50#SCK	EXACT™/5000	NEE	Next Day
77921*	2 Mil Clear PET TC/S8025/50#SCK	EXACT™/5000	NEE	Next Day
79648*	4 Mil Vinyl TCD/S8025/50#SCK	Stock 54/1668	PVL	Next Day
18328	60# Semi-Gloss Elite™/R5195/40#SCK	EXACT™/5000	QTN, NEE, PTC, FTW, WCT	Next Day
		EXACT™/10000		Next Day
78149	2.3 Mil White BOPP TC/R3500/40#SCK	EXACT™/5000	PVL	Next Day
78826	2 Mil Clear BOPP TC/R1490/1.2 Mil PET	Stock 54/1668	NEE	Next Day
79325*	1 Mil Clear UV PET/S3000/1 Mil PET	Stock 54/1668	PVL	Next Day

\*UL®-recognized  
 NEE=Neenah, WI PVL=Painesville, OH WCT=West Coast  
 QTN=Quakertown, PA PTC=Peachtree City, GA FTW=Fort Wayne, IN

# Lawn and Garden Portfolio

Designed for a breadth of applications, the portfolio's materials have been designed to meet the durability and versatility the outdoors demand

## Portfolio Characteristics

- All specifications are UL 969 and cUL C22.2 recognized
- Weather- and temperature-resistant
- Impervious to contact with aggressive chemicals, including oils and gasoline
- Reliable adhesion performance on rough, dusty and oily surfaces
- Excellent adhesion on low surface energy substrates

## Applications

- Lawn mowers
- Chainsaws
- Snow blowers
- Rototillers and more



Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time
79453	Fasson® 2 Mil White PET TC/S8049/50#SCK	Stock 54/1668	PVL	Next Day
78981	Fasson® 2 Mil White PET TCD/S8025	EXACT™/5000	PVL	Next Day
78385	Fasson® 2 Mil White PET TC/S800150#SCK	EXACT™/5000	NEE	Next Day
78668	Fasson® 2 Mil Matte Chrome PET ITC/S8025/50#SCK	Custom Coat/5000	FTW	4 Days
78670	Fasson® 2 Mil Bright Chrome PET ITC/S8025/50#SCK	Custom Coat/5000	FTW	5 Days
79590	Fasson® 4 Mil White Vinyl/S730/50#SCK	Run & Hold	PVL	Next Day
75849	Fasson® 3 Mil Velvet Lexan/S730/1.5 Mil PET	EXACT™/1668	NEE	Next Day
75850	Fasson® 5 Mil Velvet Lexan/S730/1.5 Mil PET	EXACT™/1668	NEE	Next Day
77844	Fasson® 1 Mil Clear PRT PET/S8020/40#BG Overlaminat	EXACT™/2500	NEE/PVL	Next Day
79325	Fasson® 1 Mil Clear UV PET/S3000/1 Mil PET Overlaminat	Stock 60/1668	PVL	Next Day
77843	Fasson® 1 Mil Matte PET/S8020/40#BG Overlaminat	Stock 60/1668	PVL	Next Day

NEE= Neenah, WI PVL=Painesville, OH FTW=Fort Wayne, IN

# Medical Device Portfolio

## Portfolio Characteristics

- The national standard for safety testing of electrical medical devices is IEC 60601-1. Within this standard, labeling is deemed a critical component of a medical device.
- IEC 60601-1 has Durability of Marking requirements within the guideline that requires that both internal and external markings be clearly legible and that all required external markings be durable
- The test requirements include verifying that the external markings are clearly legible and that labels do not fall off or curl after the rub treatments
- UL has tested and certified several of the Avery Dennison Durables specs versus the above requirements on typical substrates used in medical devices.

## Applications

- ultrasound and MRI machines
- PET and CT scanners
- x-ray machines
- infusion pumps
- pacemakers
- wheelchairs



Durable Label Materials

Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time
76656	2M WH PET TC/S8015	EXACT	NEE	Next Day
76660	2M MAT CH PET TC/S8015	EXACT	NEE	Next Day
77920	2M WH PET TC/S8025	EXACT	PVL	Next Day
77921	2M CL PET TC/S8025	EXACT	NEE	Next Day
77923	2M BRT CH PET TC/S8025	EXACT	NEE	Next Day
77922	2M MAT CH PET TC/S8025	EXACT	NEE	Next Day
78401	3M SYN PAPER/S8001	EXACT	PVL, WCT	Next Day
78403	2.3M WH BOPP TC/S8001	EXACT	NEE	Next Day

NEE= Neenah, WI PVL=Painesville, OH WCT=West Coast

# Overlaminates Portfolio

An extensive collection of overlaminates, including Lexan®, clear print-treated, clear topcoated, clear UV and matte polyesters, built for a variety of end use applications

## Portfolio Characteristics

- UL®-Recognized
- Tested to meet the requirements of a variety of environments, conditions, temperatures and OEM standards
- Ability to stiffen a construction for better application alignment creating a flush, no-label look





Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time
75859	Fasson® 3 Mil Velvet Lexan®/S730/1.5 Mil PET	EXACT™/1700	NEE	Next Day
75850	Fasson® 5 Mil Velvet Lexan®/S730/1.5 Mil PET	EXACT™/1700	NEE	Next Day
77955	Fasson® 1 Mil Clear Print-Treated Polyester/S8020/1 Mil PET	EXACT™/2500	NEE	Next Day
77842	Fasson® 1 Mil Clear TC Polyester/S8020/1 Mil PET	60/1668	NEE, PVL	1-2 Days
77844	Fasson® 1 Mil Clear Print-Treated Polyester/S8020/40#BG	EXACT™/2500	PVL, WCT	Next Day
		EXACT™/5000	PVL	Next Day
77843	Fasson® 1 Mil Matte Polyester/S8020/40#BG	60/1668	PVL	1-2 Days
77841	Fasson® 1 Mil Clear TC Polyester/S8020/40#BG	Ready Width™ 6/5000	PVL	1-2 Days
		Ready Width™ 12/5000	PVL	1-2 Days
77845	Fasson® 2 Mil Clear Print-Treated Polyester/S8020/40#BG	Custom Coat 60/5000	PVL	8-10 Days
77854	Fasson® 2 Mil Clear TC Polyester/S8020/40#BG	Custom Coat 60/5000	PVL	8-10 Days
79325	Fasson® 1 Mil Clear UV PET/S3000/1 Mil PET	60/1668	PVL	1-2 Days
77855	Fasson® 1 Mil Clear TC Polyester/S730/1 Mil PET	EXACT™/5000	NEE	Next Day

NEE=Neenah, WI PVL=Painesville, OH WCT=West Coast

# Outdoor Overlaminates Portfolio

New specialized overlaminates offer longer-lasting legibility for critical product messaging

## Portfolio Characteristics

- Enhanced durability, superior conformability, excellent abrasion resistance for applications which require two-, three-, or even five-year durability
- Testing has been conducted on all elements of the label construction including inks, overlaminates and base label material to ensure performance

## Applications

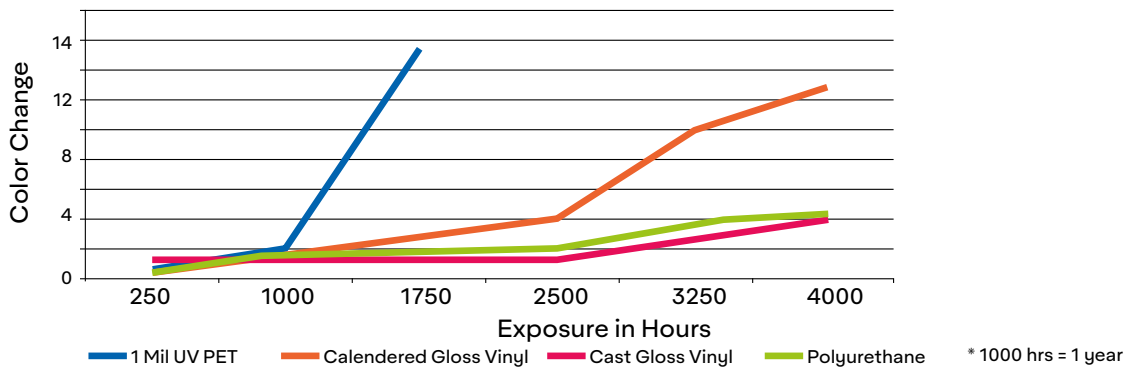
- Harsh environments and tough outdoor exposures to items, such as: heat, cold, rain, snow, chemicals, lubricating oils or gasoline



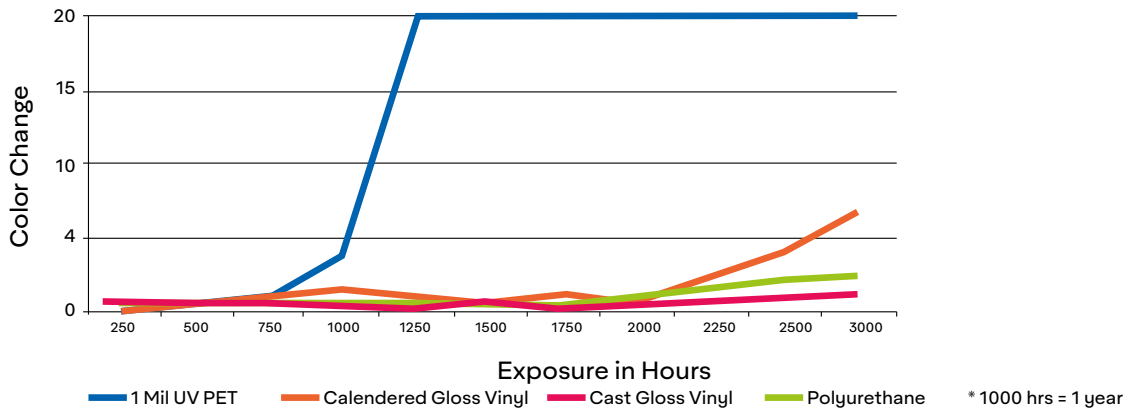
Spec#	Product Description	Width/ Length (In./Ft.)	Location	Lead Time
80051	2 Mil Cast Gloss Vinyl/S659/1.5 Mil PET	Stock 60/300	PVL	Next Day
80052	3 Mil Calendered Gloss Vinyl/S8072P /1.5 Mil PET	Stock 60/300	PVL	Next Day
80053	1.5 Mil Gloss Urethane/S659/1.5 Mil PET	Stock 60/300	PVL	Next Day
80054	3 Mil Calendered Matte Vinyl/S8072P /1.5 Mil PET	Stock 60/300	PVL	Next Day

PVL=Painesville, OH

**Xe Arc Testing with TT Ribbon (DNP R510HF) - PVC Base**



**Xe Arc Testing UV Flexo Ink (Black) - PVC Base**



# Safety and Warning Labels Portfolio

Reliable solutions designed to perform on a broad range of surfaces commonly subjected to climate or chemical exposure

## Portfolio Characteristics

- Reliable adhesion performance on rough, dusty and oily surfaces
- Weather- and temperature-resistant
- Impervious to contact with aggressive chemicals, oils and gasoline
- Highly adaptable to varying surface and application conditions
- Materials suitable for thermal transfer, digital and laser printing

## Applications

- Appliances
- Lawn and garden
- Automotive
- Electronics
- Medical device applications



Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time
79453	Fasson® 2 Mil White PET TC/S8049/50#SCK	Stock 54/1668	PVL	Next Day
77920	Fasson® 2 Mil White PET TC/S8025/50#SCK	EXACT™/5000	NEE	Next Day
78385	Fasson® 2 Mil White PET TC/S8001/50#SCK	EXACT™/5000	NEE	Next Day
77922	Fasson® 2 Mil Matte Chrome PET TC/S8025/50#SCK	EXACT™/5000	FTW	4 Days
78403	Fasson® 2.3 Mil White BOPP TC/S8001/50#SCK	EXACT™/5000	NEE	Next Day
79404	Fasson® 3 Mil SYN PAPER WBIJ/S8001/50#SCK	EXACT™/2500	PVL	Next Day
79653	Fasson® 2 Mil White PET TC/S8049/EZ Liner	Stock 55/2500	PVL	5 Days
79651	Fasson® 4 Mil White Vinyl/S8025/EZ Liner	Stock 55/2500	PVL	5 Days
79246	Fasson® 4 Mil White Vinyl/S8025/50#SCK	Custom Coat/5000	FTW	4 Days
75849	Fasson® 3 Mil Velvet Lexan®/S730/1.5 Mil PET	EXACT™/1668	NEE	Next Day
75850	Fasson® 5 Mil Velvet Lexan®/S730/1.5 Mil PET	EXACT™/1668	NEE	Next Day
79325	Fasson® 1 Mil Clear UV PET/S3000/1.0 Mil PET Overlamine	Stock 60/1668	PVL	Next Day
77843	Fasson® 1 Mil Matte PET/S8020/40#BG Overlamine	Stock 60/1668	PVL	Next Day

NEE=Neenah, WI PVL=Painesville, OH FTW=Fort Wayne, IN

# Validation Decal Portfolio

## Portfolio Characteristics

- Available with 10 standard colors plus custom colors
- Avery Dennison SecureMark™ custom designed to prevent counterfeiting
- Tamper-evident and non-transferable
- High legibility day and night at various of entrance angles
- Omni-Directional
- Cold temperature performance
- High quality manufacturing - ISO certified – Lean Six Sigma

## Applications

- Vehicle Tag and Sticker (car, boat, truck, RV)



**50# SCK Liner**

	Non-watermarked		With Official Watermark	
	Spec#	Product Description	Spec#	Product Description
<b>White</b>	27995	WH VAL DECAL 50#	27252	WH VAL DECAL 50#
<b>Red</b>	27244	RED VAL DECAL 50#	27245	RED VAL DECAL PRT WM 50#
<b>Orange</b>	27246	ORANGE VAL DECAL 50#	27247	ORANGE VAL DECAL WM 50#
<b>Yellow</b>	27242	YELLOW VAL DECAL 50#	27243	YELLOW VAL DECAL PRT WM 50#
<b>Green</b>	24250	GREEN VAL DECAL 50#	27251	GREEN VAL DECAL PRT WM 50#
<b>Blue</b>	27248	BLUE VAL DECAL 50#	27249	BLUE VAL DECAL WM 50#
<b>Magenta</b>	25301	MAGENTA VAL DECAL 50#	27254	MAGENTA VAL DECAL PRT WM 50#
<b>Yellow Green</b>	25302	YEL GRN VAL DECAL 50#	27255	YEL GRN VAL DECAL PRT WM 50#
<b>Lemon Yellow</b>	25300	LEMON YEL VAL DECAL 50#	27253	LEM YL VAL DECAL WM 50#
<b>Gold</b>	25303	GOLD VAL DECAL 50#	27256	GOLD VAL DECAL PRT WM 50#

**90# Stay-Flat Liner**

	Non-watermarked		With Official Watermark	
	Spec#	Product Description	Spec#	Product Description
<b>White</b>	27996	WH VAL DECAL 90#	27270	WH VAL DECAL PRT WM 90#
<b>Red</b>	27999	RED VAL DECAL 90#	28000	RED VAL DECAL PRT WM 90#
<b>Orange</b>	28001	ORANGE VAL DECAL 90#	28002	ORANGE VAL DECAL PRT WM 90#
<b>Yellow</b>	27997	YELLOW VAL DECAL 90#	27998	YELLOW VAL DECAL PRT WM 90#
<b>Green</b>	27268	GREEN VAL DECAL 90#	27269	GREEN VAL DECAL PRT WM 90#
<b>Blue</b>	28003	BLUE VAL DECAL 90#	28004	BLUE VAL DECAL PRT WM 90#
<b>Magenta</b>	25331	MAGENTA VAL DECAL 90#	27281	MAGENTA VAL DECAL PRT WM 90#
<b>Yellow Green</b>	25332	YEL GRN VAL DECAL 90#	27282	YEL GRN VAL DECAL PRT WM 90#
<b>Lemon Yellow</b>	25330	LEMON YEL VAL DECAL 90#	27280	LEMON YEL VAL DECAL PRT WM 90#
<b>Gold</b>	25333	GOLD VAL DECAL 90#	27283	GOLD VAL DECAL PRT WM 90#

All specs have a minimum order quantity of 48" x 3000'  
 Lead time of 10-15 days out of PVL=Painesville, OH  
 Custom watermarks are available

# Select Solutions™ Food Safety and Rotation Portfolio

Dissolvables and Removables identify and safeguard

## Portfolio Characteristics

- Food rotation labels help ensure compliance with FDA regulations
- Dissolvables disintegrate in water in seconds with slight agitation
- Dissolvable and removable labels are an excellent solution for food rotation or inventory management to help drive productivity

## Applications

- Dissolvable / Removable
- Inventory labels
- Container date code labels
- Days of the week labels
- Use by labels





Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time
15666	Dissolvable FSC®/S2600/40#SCK	EXACT™/5000	DAL	Next Day
79751	Dissolvable Paper FSC®/S2600/69#MF	45/5600 Custom Coat	PVL	5 Days
54353	Dispersable FSC®/S2600/40#SCK	54/1668	DAL/PVL	Next Day
54443	DT Dissolvable FSC®/S2600/40#SCK	45/1668	PVL	Next Day
		EXACT™/5000	PVL	

PVL=Painesville, OH DAL=Dallas, TX

# Rapid-Roll® Flexible Packaging Portfolio

Flexible packaging solutions for on-the-go convenience and single-use portions

## Portfolio Characteristics

- Rapid-Roll FlexPak™ Portfolio features both film-faced and paper-faced pouch materials
- High-barrier sealant films keep contents safely inside
- Select from single-ply to multi-ply lamination combinations to best fit your needs
- New sustainable product options featuring recyclable stand up pouch and sustainable cosmetic web
- Converting and co-packer education and testing available
- High-impact graphic capability for maximum branding and shelf appeal
- Visit [label.averydennison.com/rapidroll](http://label.averydennison.com/rapidroll) for the complete flexible packaging portfolio offering

## Applications

- Consumer packaged goods
- Food & beverage
- Health & beauty
- Nutraceutical



	Spec#	Product Description	Location	Service Program
	54025	ChemControl Ultra	NEE	Stock
	79537	ChemControl Premium Ultra	NEE	Stock
	79340	White StickPak LDPE 280 HB	NEE	EXACT™
	78432	White StickPak Metallocene 300 HB	NEE	EXACT™
	78831	Silver StickPak Metallocene 300 HB	NEE	Stock
	79343	White StickPak Surlyn® 280 HB	WCT	EXACT™
	79344	Silver StickPak Surlyn® 280 HB	NEE	Stock
	79778	Easy Open WH Cello StickPak Surlyn®	NEE	EXACT™
	75758	White Cosmetic Web 350 SB	NEE	EXACT™
	75760	Silver Cosmetic Web 350 SB	NEE	EXACT™
	79332	White Cosmetic Web 350 HB	NEE	EXACT™
	79333	White Cosmetic Web 350 HB	NEE	EXACT™
	77553	White Cosmetic Ultra 370 HB	NEE	EXACT™
	78857	Ultra Silver Cosmetic Web 370 HB	NEE	Stock
	79334	White Cosmetic Ultra+ 530 HB	NEE	EXACT™
	79335	Silver Cosmetic Ultra+ 530 HB	NEE	Stock
<b>New</b>	B1885	Sustainable WH Cosmetic Web HB	NEE	Stock
	79122	White Multi-ply Snack Web 260 SB	NEE	Stock
	79123	White Multi-ply Snack Web 260 HB	NEE	Stock
	79125	Clear Multi-ply Snack Web 260 HB	NEE	Stock
	79426	Metallized Coffee Web 210 HB	NEE	EXACT™
	79355	White Metallized Snack Web	NEE	EXACT™
	78806	WH Singleply Snack Web 170	NEE	Stock
	78111	Clear Singleply Snack Web 160	NEE	Stock
	78108	Metallized Singleply Snack Web .70	NEE	Stock
	79850	25# PFP 305	NEE	EXACT™
	79851	35# PFP 360	WCT	EXACT™
	79852	25# PFP W-SURLYN 360	NEE	EXACT™
	75746	25# PPMOPP 260	NEE	Stock
	75742	35# PPMOPP 330	WCT	Stock
	78918	48GA GL PET FLEXPak OVERLAM	NEE	Custom
	79934	Clear Multi-ply SUP 360 HB EXACT™	NEE	EXACT™
	79935	White Multi-ply SUP 360 HB EXACT™	NEE	EXACT™
	79936	Metallized Multi-ply SUP 360 HB EXACT™	NEE	EXACT™
<b>New</b>	B0622	White High Strength SUP 450 HB	NEE	Stock
<b>New</b>	B1900	4Mil Clear Recyclable SUP	NEE	Stock

NEE=Neenah, WI WCT=West Coast

# Reclosure Portfolio

Cost-effective, user-friendly resealing alternatives combining convenience with branding

## Portfolio Characteristics

- Works with wet or dry applications
- Can be over-laminated with transparent PP or PET films for added stiffness
- Various types of seal strength and peel “feel”
- Good moisture, solvent, fat and oil resistance
- R1490 adhesive approved for direct food contact and suitable for microwave conditions
- New barrier facestock





**Applications: Dry Conditions**  
(dry foods, cookies, crackers)  
**Adhesive:**  
R3400

- Easy Peel Back
- Low Odor
- Meets FDA 175.105 requirements



**Applications: Damp Conditions**  
(deli meats)  
**Adhesive:**  
R3500  
R3525 - 25% higher peel than R3500

- Economical Alternative
- Good Initial Tack
- More “grab” than R3400
- Low Odor
- Meets FDA 175.105 requirements



**Applications: High Moisture Conditions**  
(wet wipes, cleaning pads, facial wipes)  
**Adhesive:**  
R1490 – Approved for  
Direct Food Contact FCN 1716  
R1450 – 40% lower peel than R1490

- Stable, Smooth Peel Back
- Low Odor
- Excellent Adhesion Rebuild
- Broad Substrate Performance



**Applications: Heat Seal Reclosure with High Moisture Conditions**  
(lettuce and other leafy greens)  
**Adhesive:**  
R1350

- Stable, Smooth Peel Back
- Low Odor
- Excellent Adhesion Rebuild

Available with white and clear top coated BOPP. Available custom facestocks for tailored solutions. For other FDA requirements, please contact your Avery Dennison representative.

Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time	
78632	Fasson® 2.3 Mil White BOPP TC/R3400/1.2 Mil PET	60/1668	PVL	Next Day	
78860	2 Mil CL BOPP TC/R3400/1 Mil PET	60/1668	PVL	Next Day	
79657	Fasson® 2 Mil MET BOPP TC/R3400/1.2 Mil PET	54/4630	PVL	5 Days	
78149	Fasson® 2.3 Mil White BOPP TC/R3500/40#SCK	EXACT™/5000	PVL	Next Day	
78148	Fasson® 2 Mil Clear BOPP TC/R3500/40#SCK	EXACT™/5000	NEE	Next Day	
77461	Fasson® 2.3 Mil White BOPP TC/R3500/1.2 Mil PET	EXACT™/10000	PVL	Next Day	
77462	Fasson® 2 Mil Clear BOPP TC/R3500/1.2 Mil PET	EXACT™/15000	PVL	Next Day	
79625	Fasson® 2 Mil CL BOPP TC/R3525/1.2 Mil PET	60/4167	PVL	10 Days	
78826	Fasson® 2 Mil Clear BOPP TC/R1490/1.2 Mil PET	60/1000	PVL	7 Days	
		54/1668	NEE	Next Day	
79008	Fasson® 2.3 Mil White BOPP TC/R1490/1.2 Mil PET	60/1000	PVL	7 Days	
77652	Fasson® 2.3 Mil White BOPP TC/R143/1.2 Mil PET	60/1000	PVL	Next Day	
		54/1668	NEE	Next Day	
78578	Fasson® 2 Mil Clear BOPP TC/R143/1.2 Mil PET	60/1000	PVL	7 Days	
		60/1000	PVL	7 Days	
79846	Fasson® 1 Mil Clear Print Treated Polyester/ R1490/.8M Heat Seal Polyester	60/1668	PVL	Next Day	
79904	Fasson® 1 Mil Clear Print Treated Polyester/ R1450A/.8M Heat Seal Polyester	60/1668	PVL	Next Day	
79892	Fasson® 1 Mil Clear Print Treated Polyester/ R3400/1.2M Heat Seal Polyester	60/1668	PVL	Next Day	
<b>New</b>	79987	Fasson® 1 Mil Clear Print Treated Polyester/ R1350/1.2M Heat Seal Polyester	60/1668	PVL	Next Day
<b>New</b>	79988	Fasson® 1 Mil Clear Print Treated Polyester/ R1350/1.2M Heat Seal Polyester Antifog	60/1668	PVL	Next Day
<b>New</b>	79999	Fasson® 2 Mil Clear BOPP TC Barrier/R1490/1.2 Mil PET	54/4167	PVL	10 Days

# Rapid-Roll® Shrink Sleeve Portfolio

## Portfolio Characteristics

- High and medium shrink films to fit the contours of unique bottle shapes and cope with different shrink techniques
- All printable by UV & WB Flexo, Offset, Gravure, with an ITC coated option as well for Digital
- Offers tamper evident security
- Offers the real estate to use high impact graphics to create a 360 degree billboard for your brand on the packaging
- PETG and non-PETG grades to suit application needs

## Applications

- Alcoholic and Non-Alcoholic Beverage
- Food
- Household Chemicals
- Personal Care
- Bundling
- Nutraceuticals
- Enriched/Infused Beverages\*
- Dairy\*
- Coverup\*

\*Applies to 80059



<b>Spec#</b>	<b>Product Description</b>	<b>Service</b>	<b>Location</b>
79765	50 Micron Clear High Shrink PETG	EXACT™	DAL, QTN
80059	50 Micron Eklipse™ Shrink PETG	EXACT™	DAL
79793	50 Micron Echo High Shrink Co-Polyester	Stock	DAL
79943	45 Micron Clear High Shrink PETG	Stock	QTN
79767	50 Micron Clear Medium Shrink PETG	Stock	DAL, QTN
79766	50 Micron Clear Med Shrink PETG ITC	Stock	NEE
79792	50 Micron Echo Medium Shrink Co-Polyester	Stock	DAL
79636	60 Micron PETG OPT Bright	Custom	NEE, QTN

DAL=Dallas, TX QTN=Quakertown, PA NEE=Neenah, WI

# Intelligent Label Portfolio

Solutions for an intelligent, connected and interactive world

## Portfolio Characteristics

- Field-proven inlay products
- Advanced research and testing capabilities
- Experienced engineering and technical resources
- Partnership with a deep understanding on what makes your application successful

## Applications

- Healthcare: Medical and pharmaceutical
- Transportation: Automotive and aviation
- Industrial logistics and manufacturing
- Supply chain, inventory and logistics
- Brand protection and product authentication
- Contactless cards and tickets
- Library, media, documents and files
- Item-level retail: Apparel, accessories, cosmetics, jewelry, food and general retail



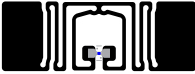
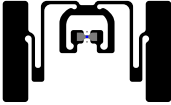














**UHF RFID INLAYS**  
**860-960 MHz, ISO 18000-6C, EPC Class 1 Gen 2**

Name	Design	Size	Chip	Applications
AD-163		2.36 x 0.16 in 60 x 4 mm	U8	<ul style="list-style-type: none"> <li>▸ Cosmetics and item-level retail</li> <li>▸ Personal care products</li> </ul>
AD-173		1.06 x 0.55 in 27 x 14mm	U8	<ul style="list-style-type: none"> <li>▸ Apparel and other item-level retail</li> <li>▸ Pharmaceutical and healthcare</li> </ul>
AD-180		1.02 in Diameter 26 mm Diameter	U7	<ul style="list-style-type: none"> <li>▸ Cosmetics and item-level retail</li> </ul>
AD-190		0.86 x 0.49 in 22 x 12.5 mm	U8	<ul style="list-style-type: none"> <li>▸ Fashion jewelry and sunglasses</li> <li>▸ Beauty and personal care</li> <li>▸ Pharmaceutical &amp; Healthcare</li> </ul>
AD-191		0.86 x 0.49 in 22 x 12.5mm	R6-P	<ul style="list-style-type: none"> <li>▸ Beauty &amp; Personal Care</li> <li>▸ Fashion Jewelry and Sunglasses</li> <li>▸ Pharmaceutical &amp; Healthcare</li> </ul>
AD-226		3.74 x 0.32 in	G2iM	<ul style="list-style-type: none"> <li>▸ Apparel and item-level retail</li> <li>▸ Supply chain, inventory and logistics</li> </ul>
AD-229		95 x 8.15 mm	R6/R6-P	
AD-237		2.76 x 0.57 in	R6/R6-P	<ul style="list-style-type: none"> <li>▸ Supply chain, inventory and logistics</li> <li>▸ Apparel and item-level retail</li> </ul>
AD-238		70 x 14.5 mm	U8	
AD-251		3.74 x 0.517 in 95 x 14.51 mm	R6-P	<ul style="list-style-type: none"> <li>▸ Item Level Inventory Accuracy</li> <li>▸ Supply Chain</li> <li>▸ Food</li> <li>▸ Microwave Safe</li> </ul>
AD-301		1.18 x 0.59 in 30 x 15 mm	R6/R6-P	<ul style="list-style-type: none"> <li>▸ Children accessories</li> <li>▸ Fashion jewelry and sunglasses</li> </ul>
AD-310		1.63 x 1.14 in 41.4 x 29mm	U8	<ul style="list-style-type: none"> <li>▸ Apparel and item-level retail</li> <li>▸ Supply chain, inventory and logistics</li> <li>▸ Home essentials</li> </ul>
AD-321 ETSI AD-321 FCC		1.63 x 0.63 in 41.4 x 16 mm	R6/R6-P	<ul style="list-style-type: none"> <li>▸ Apparel and item-level retail</li> <li>▸ Supply chain, inventory and logistics</li> </ul>
AD-324 ETSI AD-324 FCC			U8	

**UHF RFID INLAYS**  
**860–960 MHz, ISO 18000–6C, EPC Class 1 Gen 2**

Name	Design	Size	Chip	Applications
AD-332		2.76 x 0.57 in 70 x 14.5 mm	U8	<ul style="list-style-type: none"> <li>Supply chain, inventory and logistics</li> <li>Apparel and other item-level retail</li> </ul>
AD-350		2.99 x 0.236 in 76 x 6 mm	U8	<ul style="list-style-type: none"> <li>Apparel and other item-level retail</li> </ul>
AD-372		2.09 x 0.75 in 53 x 19 mm	U8	<ul style="list-style-type: none"> <li>Apparel and item-level retail</li> <li>*Also available in narrow-edge leading format</li> </ul>
AD-373			U7XM	<ul style="list-style-type: none"> <li>Aviation asset tracking</li> <li>Automobile</li> </ul>
AD-380		1.97 x 1.18 in 50 x 30 mm	G2iM	<ul style="list-style-type: none"> <li>Supply chain, inventory and logistics</li> <li>Industrial and automotive</li> <li>Apparel and other item-level retail</li> <li>Home essentials</li> <li>AD-383 is also available in narrow-edge leading format</li> </ul>
AD-384			R6/R6-P	
AD-385			U8	
AD-456		2.52 x 0.236 in 64 x 6 mm (label dimensions)	U8	<ul style="list-style-type: none"> <li>Metal and Liquids</li> <li>Food &amp; Beauty</li> <li>Available in label format only</li> </ul>
AD-553		1.5 x 2.99 in 38 x 76 mm	U8	<ul style="list-style-type: none"> <li>Aviation baggage Tracking</li> </ul>
AD-554			R6-B	
AD-560		1.5 x 2.76 in 38 x 70 mm	M4QT	<ul style="list-style-type: none"> <li>Aviation baggage tracking</li> <li>Supply chain, inventory and logistics</li> </ul>
AD-661		3.55 x 0.75 in 90 x 19 mm	R6/R6-P	<ul style="list-style-type: none"> <li>Automotive and glass</li> <li>Personal ID badges &amp; race timing</li> </ul>
AD-662			UCODE DNA	
AD-663			U7XM/ U7XM+	
AD-665			U8	

**UHF RFID INLAYS**  
**860–960 MHz, ISO 18000–6C, EPC Class 1 Gen 2**

Name	Design	Size	Chip	Applications
AD-680		1.97 x 1.97 in 50 x 50 mm	R6/R6-P	<ul style="list-style-type: none"> <li>Supply chain management</li> <li>Package tracking</li> <li>Asset tracking</li> </ul>
AD-681		1.97 x 1.97 in 50 x 50 mm	M4D/ M4QT M4i	
AD-806		0.63 x 0.63 in 16 x 16 mm	U7	<ul style="list-style-type: none"> <li>Healthcare and item-level retail</li> <li>Supply chain, inventory and logistics</li> </ul>
AD-810		.63 in (diameter) 16 mm (diameter)	R6	<ul style="list-style-type: none"> <li>Pharmaceutical and healthcare</li> <li>Cosmetics and other item-level retail</li> </ul>
AD-850		0.406 in (diameter) 10.3 mm (diameter)	M4QT	<ul style="list-style-type: none"> <li>Pharmaceutical and healthcare</li> <li>Near-Field applications</li> </ul>

Ask your Avery Dennison Sales Representative or visit [label.averydennison.com/ilab](http://label.averydennison.com/ilab) to schedule a tour of the new iLab in Mentor, Ohio, where you and your customers can experience first-hand the power of Intelligent Label solutions.

\* Drawings not to scale. The chart contained herein is only intended as a suggestive guide for preliminary inlay selection.  
 \*\* TID Memory: 48-bit unique serialized TID Number.

# Security Portfolio

Anti-tamper and anti-counterfeit solutions reinforce quality and assure authenticity

## Portfolio Characteristics

- Customizable UV and IR print options
- Enhanced thermal transfer graphic solutions
- Chemical resistant coating for liquid products
- Adhesion to a wide range of substrates including paper, cardboard, metals, plastics, glass and even fabrics

## Applications

- Home and personal care
- Consumer packaged goods
- Pharmaceutical
- Automotive
- Medical
- Durable goods
- Tamper evident



Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time
<b>Tamper Evident Paper</b>				
19348	Fasson® Tamper Resistant Litho/S814/40#SCK	EXACT™/5000	PVL	Next Day
08417	Fasson® Tamper-Resistant Litho/S246B/40#SCK	30/1668	PTC	10 Days
<b>Void</b>				
78194	Fasson® 2 Mil White Void Polyester TC/S8015W/50#SCK	EXACT™/1668	NEE	Next Day
78195	Fasson® 2 Mil Silver Void Polyester TC/S8015/50#SCK	EXACT™/1668	NEE	Next Day
78196	Fasson® 2 Mil Matte Chrome Void Polyester TC/S8015/50#SCK	54/1000	PVL	4 Days
<b>Frangible Film</b>				
79449	Fasson® 2 Mil Tamperfas™ Satin Vinyl/S730/50#SCK	48/1668	PVL	Next Day
60097	Fasson® 2 Mil Clear Acetate/S730/50#SCK ABC	52/1668	PVL	Next Day
60091	Fasson® 1.5 Mil Clear Acetate/S730/50#SCK	52/5000	PVL	10 Days
<b>SharpTear™</b>				
77964	Fasson® 3 Mil Clear MDO/S692N/1.2 Mil PET	EXACT™/10000	QTN	Next Day
77980	Fasson® 3 Mil White MDO/S692N/1.2 Mil PET	EXACT™10000	NEE	Next Day

NEE=Neenah, WI PVL=Painesville, OH QTN=Quakertown, PA PTC=Peachtree City, GA

# Direct Mail Portfolio

Our newly launched translucent wafer seals and charity labels with improved throughput

## Portfolio Characteristics

- Reliable adherence to a range of substrates
- Weather- and temperature-resistant
- Charity labels offer excellent print quality for processes from flexo to digital

## Applications

- Promotional address labels frequently sent by non-profit companies to spur donations
- Wafer seals for direct mail applications including promotional letters, circulars, coupon envelopes, postcards and self mailers



<b>Spec#</b>	<b>Product Description</b>	<b>Service Program</b>
54446	40# Translucent/S2501/40#SCK	EXACT™
54445	54# Semi-Gloss Laser FSC™/S5800/53#LF	Custom
53057	54# Semi-Gloss Laser FSC™/S2501/53#LF	EXACT™
53490	54# Semi-Gloss Laser FSC™/S2501/41#LF	EXACT™

# Fluorescent Portfolio

Fluorescents identify and safeguard

## Portfolio Characteristics

- Fluorescents are available in many bold colors
- Silver and other colored labels help enhance shelf appeal
- Removables allow consumer to remove the promotional label from the packaging or place labels elsewhere for collecting or kiddie stickers

## Applications

- **Promotional**  
Fluorescent labels, discount or other promotional labels
- **Inventory management**  
WIP labels or Quality Accepted labels





Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time
54249	Chart Fluor/C2500/40#SCK	EXACT™/5000	PTC	Next Day
54250	Green Fluor/C2500/40#CK	EXACT™/5000	PTC	Next Day
54251	Orange Fluor/C2500/40#CK	EXACT™/5000	FTW, PTC	Next Day
54252	Pink Fluor/C2500/40#SCK	EXACT™/2500	PTC	Next Day
		60/1668	TOR	Next Day
54253	Red Fluor/C2500/40#CK	EXACT™/5000	FTW, WCT, PTC	Next Day
54258	Red Fluor/AT20/40#SCK	78/1668	FTW	Next Day
54274	Green Fluor/S246/40#SCK	30/1500	PTC	4 Days
54275	Orange Fluor/S246/40#SCK	30/1500	PTC	4 Days
54276	Red Fluor/S246/40#SCK	30/1668	PTC	4 Days
54271	Red Fluor/R195/40#SCK	60/4200	PVL	10 Days
54267	Chart Fluor/R195/40#SCK	60/1668	PVL	Next Day
54268	Green Fluor/R195/40#SCK	60/4200	PVL	4 Days
54269	Orange Fluor/R195/40#SCK	60/1668	PVL	Next Day
54270	Pink Fluor/R195/40#SCK	60/1668	PVL	Next Day
54263	Chart Fluor/R128/40#SCK	30/1500	PTC	4 Days
54264	Green Fluor/R128/40#SCK	30/1668	PTC	4 Days
54265	Orange Fluor/R128/40#SCK	30/1500	PTC	4 Days
54266	Red Fluor/R128/40#SCK	30/1500	PTC	4 Days

For the removables products, go to our removable guide on page 96  
 FTW= Fort Wayne, IN PVL=Painesville, OH PTC=Peachtree City, GA  
 WCT = West Coast TOR=Toronto, ON, Canada

# Bumper Sticker Portfolio

Durable constructions that get noticed

## Portfolio Characteristics

- Consistent adherence to a range of substrates
- Weather- and temperature-resistant
- A range of cost and performance options
- Excellent dimensional stability
- Materials with a variety of processes from flexo to digital
- Ready-to-roll, lay-flat liner suited for sheet applications
- Topcoated and non-topcoated materials

## Applications

- Automotives and fleet
- Promotional materials



## Promotion

Spec	Product Description	Width/Length (In./Ft.)	Location	Lead Time
78244	Bmpstk 4 Mil Vinyl NTC/S475/78#CCK	54/2500	PVL	4 Days
86272	4 Mil White Flex Vinyl/S475/65#MF	54/2500	PVL	4 Days
41168	4 Mil White Flex Vinyl/R143/50#	54/2500	PVL	10 Days

PVL = Painesville, OH

# Select Solutions™ Kiddie Sticker Portfolio

Label constructions that help  
put smiles on faces

## Portfolio Characteristics

- Thin and flexible
- Excellent dimensional stability
- Materials inherently printable with a variety of processes from flexo to digital
- Suitable for die cutting, laser cutting and embossing
- Ready-to-roll, lay-flat liner suited for sheet applications
- Adhesives compliant with toxicity standard\*
- Archival face stocks provide great option for scrapbooking due to its properties to prevent yellowing

## Applications

- Books
- Toys and games
- Promotional materials
- Scrapbooking



\*Classification of not being toxic (acute/chronic), corrosive, a skin/eye irritant, or strong sensitizer as defined in the 16 CFR 1500.3(b)(5), (7) – (9) (FHSA regulations), when used as intended or under circumstances involving reasonable foreseeable misuse, based on a Toxicological Risk Assessment of the submitted product formulation by a Diplomate of the American Board of Toxicology (DABT).

Promotion

Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time
18392	60# Archival Semi-Gloss/S490/40#LF	EXACT™/10000	FTW	Next Day
18559	60# Archival Semi-Gloss/R5195/40#LF	13/10000	FTW	Next Day
		Ready Width™	FTW	Next Day
54116	54# Semi-Gloss FSC®/R5195/46#LF	EXACT™/15000	NEE	Next Day
79374	2.3 Mil White BOPP TC/S490/69#LF	60/2500	PVL	5 Days
17311	2.3 Mil White BOPP TC/R195/65#LF	60/2500	PVL	4 Days
53623	MaxFlex™ Silver/S490/69#MF	60/2500	PVL	4 Days
53676	MaxFlex™ Silver/R195/65#MF	60/4167	PVL	9 Days

FTW=Fort Wayne, IN PVL=Painesville, OH NEE=Neenah, WI

# Removables Portfolio

A proven core of multipurpose products, featuring general purpose and application solution adhesives, that address a range of application needs from simple to complex

## Portfolio Characteristics

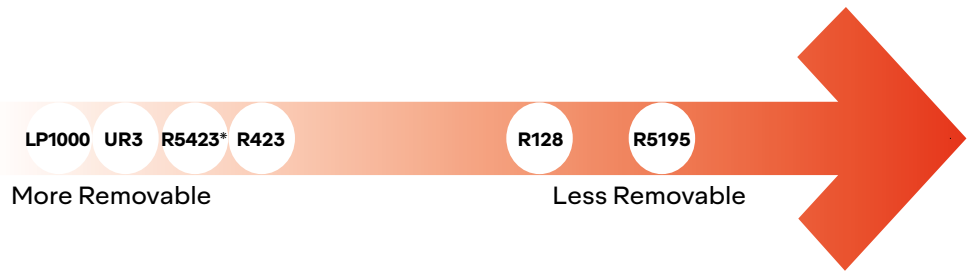
- More than 40 label constructions featuring nine adhesives that include technologies such as microsphere, solvent acrylic, emulsion acrylic and hot melt rubber
- Designed to perform in specific applications on various substrates, such as: plastic, glass, metal and paper

## Applications

- Household items
- Reclosure
- Furniture
- Consumer electronics
- Credit/Debit cards
- Newspaper and inventory management



# Paper



## Removable Adhesives for Paper Components

### Select Solutions Ultra Removable

LP1000	Ultra removable adhesive, featuring long-term, clean removability across wide variety of substrates. It offers economical solution for various opportunities. Designed to offer smooth peel and excellent die cutting and stripping characteristics. Particularly suited for applications like: retail information labels, inventory management or work-in-progress, point of sale promotions, newspapers, promotional labels, books, housewares, credit cards or glass.
UR3	Ultra-removable microsphere adhesive, featuring a consistent level of adhesion, as well as long-term removability and repositionability across a wide variety of substrates. Fasson® UR3 remains removable for months with peel and reseal characteristics that provide consistent, secure positioning and clean removability.

### Removable

R423/ R5423	Removable, low peel adhesive featuring long-term removability, and excellent die cutting and stripping characteristics. Particularly suited for wallpaper promotional labels, high gloss book covers and shelf marking. R5423 is an excellent solution for Monroney labels.
R128	Removable rubber-based adhesive with high initial tack, internal strength and stable adhesion. R128 is recommended where clean removability is of primary importance. Adhesive can be used on a variety of substrates including glass, metal, plastic and others.

R5195	General purpose removable adhesive featuring moderate initial tack and minimal adhesion build over time. Its consistent level of adhesion and long-term removability make it suitable for applications on substrates such as glass and plastics. Proven successful for shelf and tote marking used in logistical tracking.
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# Paper

		Removable				
		UR3	LP1000	R423	R128	R5195
Adhesive Technology		Emulsion Acrylic (Microsphere)	Emulsion Acrylic	Emulsion Acrylic	Hot Melt Rubber	Emulsion Acrylic
Minimum Application Temperature, °F		20	10	10	10	40
Service Temperature Range, °F		-40 to 160	-40 to 160	-40 to 160	-65 to 120	-40 to 160
Food Contact		Indirect	Indirect	Indirect	Indirect	Indirect
Peel* (PE/Stainless)		.52/.40	.28/.37	.60/.52	.74/.55	.73/.91
Tack* (PE/Stainless)		.60/.93	.01/.42	.25/.53	1.0/1.3	1.1/1.4
Plastic	Polypropylene (PP)					
	Polyethylene - High Density (HDPE)					
	Polyethylene Terephthalate (PET)					
Glass	Polyethylene Coated					
	Window (annealed)					
	Automotive (tempered)					
Metal	Powder Coated (smooth PET)					
	Painted (alkyd enamel)					
	Stainless Steel					
Paper	Recycled Corrugated					
	Bond (uncoated)					
	Glossy (coated)					

Based on 6 week testing of practical removability rating and failure mode  
 \*Peel and tack are measured in lb./inch

Recommended - Test in actual application

Recommended - Tighter adhesion

Not Recommended



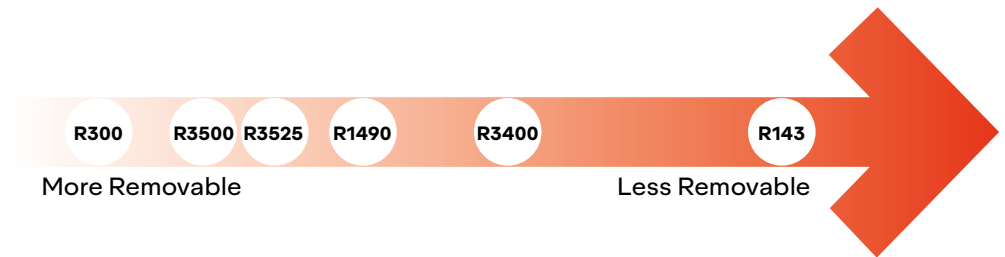
## Paper Products and Service Programs

Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time
<b>LP1000</b>				
54148	Fasson® DT 200HD FSC®/LP1000/40#SCK	EXACT™/5000	PVL	Next Day
54149	Fasson® 60# Semi-Gloss /LP1000/40#SCK	EXACT™/5000	PVL	Next Day
<b>UR3</b>				
53421	Fasson® High Gloss Plus/UR3/40#SCK	EXACT™/5000	PVL	Next Day
53432	Fasson® Trans-Therm®/UR3/40#SCK	EXACT™/5000	PVL	Next Day
<b>R423/R5423</b>				
19714	Fasson® Semi-Gloss Elite™/R423/40#SCK	60/1668	PVL	Next Day
96546	Fasson® 60# Cast Gloss FSC®/R423/40#SCK	60/1668	PVL	Next Day
98203	Fasson® Trans-Therm® 1C/R423/40#SCK	60/1668	PVL	Next Day
18345	Fasson® Standard Laser-Rite™/Std R5423/50#MF	EXACT™/10000	FTW	Next Day
53763	Fasson® Durable Laser-Rite™ FSC®/R5423/50#MF	EXACT™/5000	FTW	Next Day
<b>R128</b>				
01991	Fasson® 50# DSX™ FSC®/R128/50#SCK	30/1500	PTC	4 Days
07607	Fasson® High Gloss Plus/R128/40#SCK	60/1550	PTC	Next Day
07719	Fasson® High Gloss Plus/R128/50#SCK	30/1550	PTC	4 Days
15931	Fasson® Semi-Gloss Elite™/R128/40#SCK	30/1500	PTC	4 Days
96088	Fasson® Trans-Therm® 1C/R128/40#SCK	30/1667	PTC	6 Days
96174	Fasson® Trans-Therm® 2C/R128/40#SCK	30/1500	PTC	4 Days
19342	Fasson® Trans-Therm® 1C FasCover™ 2/R128/40#SCK	30/1500	PTC	4 Days
13645	Fasson® FasPrism™ Iridescent/R128/40#SCK	30/1500	PTC	4 Days

Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time
<b>R5195</b>				
18303	Fasson® Laser Copy™ Jet FSC®/R5195/45#LF	EXACT™/10000	FTW	Next Day
18327	Fasson® Trans-Therm®1C/R5195/40#CK	EXACT™/10000	FTW, DAL, SEA	Next Day
18328	Fasson® 60# Semi-Gloss Elite™/R5195/40#SCK	EXACT™/5000	FTW, QTN, PTC, NEE, WCT	Next Day
		EXACT™/10000	SEA	Next Day
18329	Fasson® 50# DSX™ FSC®/R5195/50#CK	EXACT™/10000	FTW	Next Day
18444	Fasson® Matte Litho FSC®/R5195/40#SCK	EXACT™/2500	FTW	Next Day
18445	Fasson® 60# Cast Gloss/R5195/40#SCK	EXACT™/10000	FTW	Next Day
18558	Fasson® DT200GP FSC®/R5195/40#CK	EXACT™/10000	FTW, MTL	Next Day
		EXACT™/15000		
18559	Fasson® 60# Archival Semi-Gloss/R5195/40#LF	78/1668 Ready Width™ 13/10000	FTW	Next Day
18685	Fasson® DT200HD Plus/R5195/40#CK	EXACT™/5000/10000	FTW	Next Day
54116	Fasson® 54# Semi-Gloss FSC®/R5195/46#LF	EXACT™/15000	NEE	Next Day

DAL=Dallas, TX FTW=Fort Wayne, IN WCT=West Coast PVL=Painesville, OH PTC=Peachtree City, GA  
QTN=Quakertown, PA SEA=Seattle, WA NEE=Neenah, WI

# Film



## Removable Adhesives for Film Components

### Select Solutions Ultra Removable

R300	Ultra removable clear adhesive, suitable in applications requiring long-term removability. Particularly well suited for CD/DVD security labeling, oil change labels, housewares and glass.
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### Removable

R3500	Specially formulated acrylic adhesive designed for ease of removability from plastic packaging while maintaining good peel performance. Suitable for many general-purpose applications.
R3525	Specially formulated acrylic adhesive designed for ease of removability from plastic packaging while maintaining good peel performance. Suitable for many general-purpose applications.
R1490	Specially formulated low odor acrylic adhesive with clean removability properties and a smooth, low noise peel. Smooth peel from flow-wraps, olefins and other plastics. Suitable for reclosure applications.
R3400	Removable adhesive featuring moderate initial tack and minimal adhesion build over time. It offers a consistent level of adhesion and long-term removability across a variety of substrates. An excellent choice for resealable packaging and multi-use labels. Suitable for wide range of substrates and applications.
R143	Specially formulated acrylic removable adhesive with versatile performance properties. Specific applications include durables, electronics assembly labeling and reclosures.

# Film

		Removable					
		R300	R3500	R3525	R3400	R1490	R143
Adhesive Technology		Emulsion Acrylic			Solvent Acrylic		
Minimum Application Temperature, °F		45	40	40	40	50	50
Service Temperature Range, °F		-40 to 176	0 to 200	0 to 200	-40 to 176	-40 to 250	-40 to 250
Food Contact		Indirect	Indirect	Indirect	Indirect	Direct	Pending
Peel* (PE/Stainless)		0.14/0.47	0.25/0.78	0.31/0.98	0.41/0.92	0.32/0.96	0.49/1.39
Tack* (PE/Stainless)		0.44/0.71	0.56/1.12	0.70/1.40	0.72/1.27	0.56/1.49	0.99/2.20
Plastic	Polypropylene (PP)						
	Polyethylene - High Density (HDPE)						
	Polyethylene terephthalate (PET)						
Glass	Polyethylene coated						
	Window (annealed)						
	Automotive (tempered)						
Metal	Powder coated (smooth PET)						
	Painted (alkyd enamel)						
	Stainless Steel						
Paper	Recycled Corrugated						
	Bond (uncoated)						
	Glossy (coated)						

Based on 6 week testing of practical removability rating and failure mode  
 \*Peel and tack are measured in lb./inch

- Recommended - Test in actual application
- Recommended - Tighter adhesion
- Not Recommended

## Film Products and Service Programs

A list of our featured removable film constructions and service programs. Based on customer input and insight from Avery Dennison experts, the offering continues to evolve. If you are seeking a product that is not listed, please contact your sales or technical representative for information about our custom product development program—Engineered Solutions.

Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time
<b>R300</b>				
75150	Fasson® 2 Mil Clear BOPP TC/R300/1 Mil PET	60/1668	PVL	Next Day
77563	Fasson® 2.6 Mil White BOPP TC/R300/40#BG	EXACT™/5000	PVL	Next Day
77652	Fasson® 2.3 Mil White BOPP TC/R143/1.2 Mil PET	54/2500	PVL	5 Days
<b>R3500</b>				
77461	Fasson® 2.3 Mil White BOPP TC/R3500/1.2 Mil PET	EXACT™/10000	NEE	Next Day
77462	Fasson® 2 Mil Clear BOPP TC/R3500/1.2 Mil PET	EXACT™/15000	NEE	Next Day
78148	Fasson® 2 Mil Clear BOPP TC/R3500/40#SCK	EXACT™/5000	NEE	Next Day
78149	Fasson® 2.3 Mil White BOPP TC/R3500/40#SCK	EXACT™/5000	PVL	Next Day
<b>R3525</b>				
79625	Fasson® 2 Mil CL BOPP TC/R3525/1.2 Mil PET	60/1668	PVL	4 Days
<b>R1490</b>				
79008	Fasson® 2.3 Mil White BOPP TC/R1490/1.2 Mil PET	60/1668	PVL	Next Day
<b>R3400</b>				
78201	Fasson® 2 Mil Clear BOPP TC/R3400/40#BG	60/1668	PVL	Next Day
78632	Fasson® 2.3 Mil White BOPP TC/R3400/1.2 Mil PET	60/1668	PVL	Next Day
79657	Fasson® 2 Mil Met BOPP TC/R3400/1.2 Mil PET	54/4630	PVL	5 Days
78860	Fasson® 2 Mil Clear BOPP TC/R3400/1 Mil PET	60/1668	PVL	Next Day
<b>R143</b>				
75394	Fasson® PRIMAX® 350/R143/1.5 Mil PET	EXACT™/5000	PVL	Next Day
77967	Fasson® PRIMAX® 350/R143/50#SCK ABC	EXACT™/5000	PVL	Next Day
78578	Fasson® 2 Mil Clear BOPP TC/R143/1.2 Mil PET	60/1000	PVL	Next Day
77652	Fasson® 2.3 Mil White BOPP TC/R143/1.2 Mil PET	54/2500	PVL	5 Days

PVL=Painesville, OH NEE=Neenah, WI

# Select Solutions™ Apparel Portfolio

Thermal transfer printable options for sizing strips and other pressure-sensitive graphic apparel applications

## Portfolio Characteristics

- A range of clear, white and natural-looking materials
- Brown and white liner materials in various weights and thicknesses
- Adhesives specifically designed for application to and easy removal from fabrics without residue

## Applications

- **Apparel**  
Jeans, pants, sportswear, menswear, women's apparel, children's wear, socks, shoes, sweaters and more
- **Textiles**  
Blankets and bedding



Retail and Shelf

	R5195	R120	S4900	S4600	S692N	AT20
Adhesive Technology	Emulsion Acrylic	Emulsion Acrylic	Emulsion Acrylic	Emulsion Acrylic	Emulsion Acrylic	Emulsion Acrylic
Service Temp Range	-65 to 185	-40 to 200	-40 to 200	-40 to 300	-20 to 200	-65 to 200
Minimum application temperature	40	50	25	10	23	-20
Cotton						
Denim						
Stretch Denim						
Polyester						
Rayon						
Nylon/Spandex						

Recommended - Test in actual application      Recommended - Lower Peel      Not Recommended

\*Testing is recommended for all applications as there may be variation between colors, weaves and fabric blends  
 NOTE: We do not recommend applying pressure-sensitive labels to satin, silk, suede, leather, felt, velour, corduroy or velvet materials. Adhesive testing is suggested for specific applications.

Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time
18559	60# Archival SG/R5195/40#LF	RW 13/10000	FTW	Next Day
79711	TransCode® White/R120/50#BRN	60/4167	PVL	5 Days
79712	TransCode® White II/R120/50#SCK	54/2500	PVL	4 Days
79713	TransCode® Clear/R120/50#BRN	60/1668	PVL	Next Day
79714	TransCode® + Clear/R120/50#BRN	60/2500	PVL	4 Days
74523	2 Mil Clear BOPP 7525/S4900/40#SCK	EXACT™/5000	PVL	Next Day
75617	TransCode®+ White/S4900/50#BRN	EXACT™/7500	PVL	Next Day
74087	TransCode® White II/S4900/50#	60/2500	PVL	Next Day
75616	TransCode®+ Clear/S4900/50#BRN	EXACT™/7500	PVL	Next Day
74106	TransCode® Clear II/S4600/50#BRN	60/1668	PVL	5 Days
75233	TransCode® White/S4600/50#BRN	60/4200	PVL	7 Days
79576	TransCode® + White/S692N/50#BRN	60/2500	PVL	4 Days
79575	TransCode® + Clear/S692N/50#BRN	60/2500	PVL	4 Days
79578	TransCode® + White/AT20/50#BRN	60/2500	PVL	4 Days
79577	TransCode® + Clear/AT20/50#BRN	60/2500	PVL	4 Days

FTW=Fort Wayne, IN PVL=Painesville, OH

# Select Solutions™ Tag Stock Portfolio

Multipurpose for multitasking

## Portfolio Characteristics

- Consistent adherence to uneven substrates and fabrics
- Apparel friendly; removes cleanly from fabrics
- Stiffness and high internal strength for more challenging applications

## Applications

- Sock bands and garment labels
- Retail price tickets
- Information labels
- Work-in-process labels





Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time
00582	8 Pt. Tag/HMR/40#SCK	30/1500	PTC	4 Days
07541	8 Pt. Tag/R195/40#SCK	60/2500	PVL	5 Days
15258	8 Pt. Tag/AT20/40#SCK	EXACT™/5000	FTW	Next Day
17375	8 Pt. Tag/AT20A/40#SCK	EXACT™/5000	FTW	Next Day
17698	8 Pt. Tag/S246/40#SCK TNR	EXACT™/5000	PTC, NEE	Next Day
54047	10 Pt. Tag FSC®/AT20A/40#SCK	EXACT™/5000	FTW	Next Day
01021	8 Pt. Dry Tag	30/1500	PTC	4 Days
53539	8 Pt. Tag/S4600/40#SCK	60/2500	PVL	4 Days
<b>New</b> 53920	5.5M TT TAG FSC®/S246/40#SCK	60/1668	PTC	Next Day

FTW=Fort Wayne, IN NEE=Neenah, WI PVL=Painesville, OH PTC=Peachtree City, GA

# Select Solutions™ Candle and Soap Portfolio

Withstands chemicals and wax exposure  
on candles, candle wrappers and jars,  
and soaps

## Portfolio Characteristics

- Best-in-class adhesive works beautifully on waxy surfaces; provides long-lasting, reliable adhesion even if substrate is porous
- Materials withstand continued exposure to chemicals and fluctuating temperatures
- Top coated option for HP Indigo digital press printing
- Adapt well to specialty printing techniques like foil and hot stamping, embossing and silk screening

## Applications

- Candles
- Candle wrappers and packaging
- Candle jars
- Soaps and soap packages



Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time
78363	1.5 Mil Clear Print-Treated PET/S2300/1.5 Mil PET	54/1000	PVL	4 Days
78382	2 Mil White Print-Treated PET/S2300/1.5 Mil PET	54/1000	PVL	4 Days
79350	2.6 Mil White BOPP TC/S2300/1.5 Mil PET	54/1000	PVL	4 Days

PVL=Painesville, OH

# Select Solutions™ Holographic Portfolio

Light and reflection bring brands to life

## Portfolio Characteristics

- Thin and flexible
- Excellent dimensional stability
- Diffracts normal white light into brilliant color
- Micro-embossable with images or patterns
- Seamless holographic rainbow

## Applications

- Craft Beer / Beverage
- Home and personal care / Cosmetics
- Security labels
- Wine and spirits
- Confection / Food
- Nutraceuticals / Vitamins



	<b>Spec#</b>	<b>Product Description</b>	<b>Width/Length (In./Ft.)</b>	<b>Location</b>	<b>Lead Time</b>
<b>Holographic Films</b>	78976	2 Mil Powder PET/S692N/50#SCK	39/1000	PVL	4 Days
	78973	2 Mil Sparkles PET/S692N/50#SCK	39/1000	PVL	4 Days
	78971	2 Mil Crystals PET/S692N/50#SCK	39/1000	PVL	4 Days
	79016	2 Mil Rainbow OPP/S692N/40#SCK	EXACT™/5000	PVL	Next Day
	79579	2 Mil Rainbow Seamless PET/S692N/50#SCK	30/2500	PVL	4 Days
<b>Holographic Papers</b>	02391	Fasson® FasPrism™ Iridesc/S246/40#SCK	EXACT™/5000	PTC	Next Day
	10938	Fasson® FasPrism™ Ice/S246/40#SCK	30/1500	PTC	4 Days
	12071	Fasson® FasPrism™ Glitter + II/S246/40#SCK	30/1500	PTC	4 Days
	53786	Fasson® FasPrism™ Rainbow Seamless/ S246/40#SCK	30/1500	PTC	4 Days
	19866	Fasson® FasPrism™ Irid/AT20/44#PK	61/4167	PVL	5 Days

FTW= Fort Wayne, IN PVL=Painesville, OH PTC=Peachtree City, GA

# Select Solutions™ Natural Kraft Paper Portfolio

A kraft paper facestock, matched with a range of purpose-built adhesives, provides a premium, natural look for multiple applications

## Portfolio Characteristics

- Five adhesives of varying strengths
- Unbleached, uncoated kraft brown paper facestock
- 40# SCK liner
- 44# Poly coated kraft liner option

## Applications

- Spirits
- Industrial
- Packaging



<b>Spec#</b>	<b>Product Description</b>	<b>Width/Length (In./Ft.)</b>	<b>Location</b>	<b>Lead Time</b>
53470	Natural Label/SOX2/40#SCK TNR	78/1668	FTW	Next Day
04786	Natural Label/S246/40#SCK	30/1500	PTC	4 Days
16328	Natural Label/AT20/40#SCK	60/1668	PVL	Next Day
15788	Natural Label/S100R/44#PK	60/2500	PVL	5 Days
19725	Natural Label/HMR/40#SCK	60/1500	PTC	4 Days

FTW=Fort Wayne, IN PTC=Peachtree City, GA PVL=Painesville, OH

# Select Solutions™ Piggyback Portfolio

Dynamic and versatile, multi-layer constructions featuring one self-adhesive label on top of another

## Portfolio Characteristics

- Available in a wide variety of materials and adhesives, including removables
- Film piggybacks offer weather resistance and conformability
- Image liner piggybacks provide a carbon copy label that can be affixed to another surface
- Single customer development available

## Applications

- Inventory management
- Promotional labels
- Work-in-process labels





Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time
74796	Fasson® 2.5 Mil Matte Clear Valtuff®/S3000/3 Mil Clear Polyester/S3000/44#PK	54/2500	PVL	5 Days
78428	Fasson® 3 Mil Matte White Synthetic Paper/S4600/1.2 Mil Polyester/S4600/50#SCK	54/2500	PVL	5 Days
79436	2 Mil CL BOPP PB/S692N/1.5 PET/S692N/50#SCK	60/2500	PVL	5 Days
78253	Fasson® PRIMAX® 250/S1000/1.5 Mil Polyester/S1000/40#SCK	60/2500	PVL	5 Days
13373	Fasson® 50# DSX™ PB/S2501/40#SCK/S2501/50#SCK	Ready Width™ 6.5/10000 Ready Width™ 9.25/10000	FTW	Next Day
16120	Fasson® Trans-Therm® 1C/S2501/40#SCK/40#SCK	78/1668 EXACT™/5000	FTW WCT FTW	Next Day
15485	Fasson® 60# Semi-Gloss Elite™/S2501/40#SCK/ S2501/40#SCK	78/1668 Ready Width™ 6/5000 Ready Width™ 9.75/5000 Ready Width™ 13/5000	FTW FTW FTW FTW	Next Day
14814	Fasson® Trans-Therm® 1C/S246/40#SCK/S246/40#SCK	60/1668	WCT	Next Day
05252	Fasson® Trans-Therm® 1C /AT20/40#SCK/AT20/40#SCK	60/2500	PVL	5 Days
15484	Fasson® 60# Semi-Gloss Elite™/S2501/40#SCK/ S2501/50#SCK	78/1668 Ready Width™ 6.5/5000	FTW FTW	Next Day
15219	Fasson® Direct-Therm 300HD/AT20/40#SCK/40#SCK	60/4167	PVL	5 Days

PVL=Painesville, OH WCT=West Coast FTW=Fort Wayne, IN

# Select Solutions™ Transfer Tape Portfolio

From general-purpose tapes to custom engineered materials, Avery Dennison will work with you to create valuable solutions to meet your needs

## Portfolio Characteristics

- Multiple liner and adhesive choices to create custom transfer tapes.
- .25" of ungummed area on each side of slit roll facilitates easy handling and dispensing.
- Custom pattern gum designs are required for new slit roll widths.

## Applications

- RFID application for logistics and transport
- Food and retail promotions
- Apparel Tags and Promotions



Transfer Tape

Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time
19188	FF 40#SCK/S490/40#SCK	60/2500	PVL, DAL	Next Day
19052	FF 40#SCK/AT20/40#SCK	60/2500	PVL	5 Days
98819	FF 40#SCK/S246/40#SCK	30/2500	PTC	4 Days
78763	FF 40#SCK EZ/S490A/1.5 Mil PET	60/2500	PVL	4 Days

\*Usable width is .25" less than size posted due to ungummed edges.  
PVL=Painesville, OH PTC=Peachtree City, GA DAL=Dallas, TX

# Wine and Spirits Portfolio

Wine application labeling solutions for a strong brand presence and maximum shelf appeal

## Portfolio Characteristics

- Labels that stand up to wet environments
- Variety of speciality materials such as wood veneer, leather-feel, varnished, and metal foil
- Differentiation via pressure-sensitive offerings

## Applications

- Wine
- Spirits



Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time
<b>Uncoated Papers</b>				
19993	Fasson® 60# Uncoated Litho Wet-Strength FSC® /AT20N/1.2 Mil PET	EXACT™ 60/10000	FTW, WCT	Next Day
19995	Fasson® 60# Uncoated Litho Wet-Strength FSC® /S100R/1.2 Mil PET	EXACT™ 60/10000	WCT	Next Day
19639	Fasson® 60# Estate Label® No. 4 Wet-Strength FSC®/S100R/1.2 Mil PET	60/1668	FTW, SEA	Next Day
		EXACT™ 60/5000	SEA	
19651	Fasson® 60# Estate Label® No. 4 Wet-Strength FSC®/AT20N/1.2 Mil PET	60/1668	WCT	Next Day
		60/1668	FTW	15 Days
54142	Fasson® 60# Estate Label® No. 4 Wet-Strength FSC®/Z1010/1.2 Mil PET	EXACT™ 60/5000	PVL	Next Day
01533	Fasson® 60# Estate Label® No. 4 Wet-Strength FSC®/S100R/44#PK	EXACT™ 60/5000	WCT	Next Day
19650	Fasson® 60# Estate Label® No. 8 Wet-Strength FSC®/AT20N/1.2 Mil PET	EXACT™ 60/5000	WCT	Next Day
		EXACT™ 60/10000	WCT, FTW	Next Day
15952	Fasson® 60# Estate Label® No. 8 Wet-Strength FSC®/AT20/44#PK	60/1668	FTW, WCT	Next Day
19656	Fasson® 60# Estate Label® No. 8 Wet-Strength FSC®/S100R/1.2 Mil PET	EXACT™ 60/7500	MTL	Next Day
		EXACT™ 60/5000	WCT	Next Day
		EXACT™ 60/10000	WCT	Next Day
02394	Fasson® 60# Estate Label® No. 8 Wet-Strength FSC®/S100R/44#PK	EXACT™ 60/5000	SEA, WCT	Next Day
		60/1668	FTW	Next Day
53339	Fasson® 60# Estate Label® No. 8 Wet-Strength FSC®/S100R/1.2 Mil PET	60/1668	FTW	Next Day
54141	Fasson® 60# Estate Label® No. 8 Wet-Strength FSC®/Z1010/1.2 Mil PET	EXACT™ 60/5000	PVL	Next Day
53749	Fasson® 60# Estate Label® No. 9 Wet-Strength FSC®/S100R/1.2 Mil PET	EXACT™ 60/5000	SEA	Next Day
		EXACT™ 60/1668	SEA	Next Day
11301	Fasson® 60# Estate Label® No. 9 Wet-Strength FSC®/S100R/44#PK	EXACT™ 60/5000	FTW, WCT	Next Day
54186	Fasson® 60# Estate Label® No. 14 FSC® 100% PCW/AT20N/1.2 Mil PET	60/1668	FTW	Next Day
53957	Fasson® 60# Estate Label® No. 17 Martele Wet-Strength FSC®/S100R/1.2 Mil PET	60/1668	FTW	Next Day
53112	Fasson® 70# Bright White Felt Wet-Strength FSC®/S100RB/1.2 Mil PET	60/1668	FTW	Next Day
		EXACT™ 60/5000	WCT/FTW	
		EXACT™ 60/10000	WCT	
		10/5000, 12/5000	FTW	

Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time
<b>Uncoated Papers</b>				
12571	Fasson® 60# Classic® Linen Solar White Wet-Strength FSC®/S100R/44#PK	EXACT™ 60/5000	WCT	Next Day
		60/1668	WCT	Next Day
12623	Fasson® 60# Classic® Crest® Wet-Strength FSC®/S100R/44#PK	EXACT™ 60/5000	SEA, WCT	Next Day
19633	Fasson® 60# Classic® Linen Solar White Wet-Strength FSC®/S100R/1.2 Mil PET	EXACT™ 60/10000	WCT	Next Day
12649	Fasson® 60# Classic® Laid Solar White Wet-Strength FSC®/S100R/44#PK	EXACT™ 60/5000	WCT	Next Day
19657	Fasson® 60# Classic® Crest® Solar White Wet-Strength FSC®/S100R/1.2 Mil PET	60/1668	FTW	Next Day
		EXACT™ 60/5000	WCT	Next Day
18513	Fasson® 60# Classic® Crest® Solar White Wet-Strength FSC®/AT20N/44#PK	60/1668	FTW	Next Day
19648	Fasson® 60# Classic® Crest® Solar White Wet-Strength FSC®/AT20N/1.2 Mil PET	EXACT™ 60/5000	WCT	Next Day
		EXACT™ 60/10000	WCT	Next Day
54078	Fasson® 70# Classic® Crest® Solar White Wet-Strength FSC®/S100RB/1.2 Mil PET	60/1668	WCT	1 Day
15744	Fasson® 60# Classic® Crest® Natural White Wet-Strength FSC®/S100R/44#PK	60/4167	PVL	10 Days
17499	Fasson® 60# Classic® Crest® Natural White Wet-Strength FSC®/S100R/44#PK	60/1668	WCT	Next Day
		EXACT™ 60/5000	WCT	Next Day
53963	Fasson® 70# Classic® Felt Natural White Wet-Strength FSC®/S100RB/1.2 Mil PET	60/1668	WCT	Next Day
54160	Fasson® 60# Classic® Felt Natural White Wet-Strength FSC®/S100R/44#PK	EXACT™ 60/5000	WCT	Next Day
54167	Fasson® 60# Classic® Felt Natural White Wet-Strength FSC®/S100R/1.2 Mil PET	60/1668	WCT	Next Day
54171	Fasson® 60# Classic® Felt Natural White Wet-Strength FSC®/AT20N/1.2 Mil PET	60/1668	FTW, WCT	Next Day
19203	Fasson® 70# Eggshell Felt Wet-Strength FSC®/S100RB/44#PK	EXACT™ 60/5000	SEA, FTW, WCT	Next Day
19742	Fasson® 70# Eggshell Felt Wet-Strength FSC® /S100RB/1.2 Mil PET	EXACT™ 60/10000	WCT	Next Day
		EXACT™ 60/5000	WCT	Next Day
19917	Fasson® 70# Bright White Felt Wet-Strength FSC®/S100RB/44#PK	EXACT™ 60/5000	SEA, FTW, WCT	Next Day
54143	Fasson® 70# Bright White Felt Wet-Strength FSC®/Z1010/1.2 Mil PET	EXACT™ 60/5000	PVL	Next Day
54481	60# Fasson® Crush 15% Barley 40% PCW Wet-Strength FSC®/AT20/1.2 Mil PET	60/1668	FTW	Next Day

Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time
<b>Uncoated Papers</b>				
54480	60# Fasson® Crush 15% Citrus 40% PCW Wet-Strength FSC® /AT20/1.2 Mil PET	60/1668	FTW	Next Day
54474	60# Fasson® 25% Hemp 75% PCW/AT20/40#SCK	60/1668	FTW	Next Day
53248	Fasson® 60# Luna Wet-Strength FSC®/S100R/1.2 Mil PET	60/1668	FTW	Next Day
53243	Fasson® 70# Royal White Wet-Strength FSC®/S100RB/1.2 Mil PET	60/1668	FTW	Next Day
53964	Fasson® 74# Global White Wet-Strength FSC®/S100RB/1.2 Mil PET	39/1668	PVL	Next Day
<b>Black Collection</b>				
54305	Fasson® Black Velvet/S100RB/1.2 Mil PET	39/1668	PVL	Next Day
16256	Fasson® 60# Black Vellum/S100R/44#PK	30/4200	PVL	5 Days
53660	Fasson® 60# Black Vellum/S100R/1.2 Mil PET	30/1668	PVL	Next Day
53949	Fasson® 70# Classic® Laid Epic Black FSC®/S100RB/1.2 Mil PET	30/1668	PVL	Next Day
53962	Fasson® 60# Estate Label® No. 25 Black Wet-Strength FSC®/S100R/1.2 Mil PET	EXACT™ 60/5000	FTW	5 Days
54304	Fasson® 74# Night Skye Black Wet-Strength FSC®/S100RB/1.2 Mil PET	60/1668	FTW	5 Days
54479	Fasson® 25% Black Cotton Feel Wet-Strength/S100RB/1.2 Mil PET	78/1668 13/5000	FTW	Next Day
<b>Luminous Collection</b>				
53663	Fasson® 67# Brushed Platinum Wet-Strength/AT20N/1.2 Mil PET	30/1668	WCT	Next Day
53301	Fasson® 60# Frozen Orion Diamond Wet-Strength FSC®/AT20/1.2 Mil PET	30/1668	PVL	Next Day
54304	Fasson® 74# Night Skye Black Wet-Strength FSC®/S100RB/1.2 Mil PET	60/1668	FTW	5 Days
54303	Fasson® 74# Snowbound White Wet-Strength FSC®/S100RB/1.2 Mil PET	60/1668	FTW	5 Days
53328	Fasson® 64# Sparkling Asti Wet-Strength FSC®/Z3338/1.2 Mil PET	60/1668	WCT	Next Day
53246	Fasson® 64# White Pearl Wet-Strength FSC®/S100R/1.2 Mil PET	60/1668	FTW	Next Day
16482	Fasson® 60# White Shursheen/S100R/44#PK	60/1668	WCT	Next Day

Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time
<b>Sensorial Collection</b>				
53662	Fasson® 128# Birch Wood/AT20N/1.2 Mil PET	39/1000	PVL	5 Days
54305	Fasson® Black Velvet/S100RB/1.2 Mil PET	39/1668	PVL	Next Day
16912	Fasson® 70# Cambric Birch/S100RB/44#PK	30/1668	WCT	Next Day
53605	Fasson® 119# Cherry Wood/AT20N/1.2 Mil PET	39/1000	PVL	5 Days
54188	Fasson® 80# Cotton White Tree Free/S100RB/1.2 Mil PET	39/1668	PVL	Next Day
53988	Fasson® 60# Dappled White Wet-Strength FSC®/S100R/1.2 Mil PET	30/1668	PVL	Next Day
54477	70# Fasson® 100% Pure Cotton Wet-Strength /S100RB/1.2 Mil PET	78/1668	FTW	Next Day
		13/5000	FTW	1 Day
54479	70# Fasson® 25% Black Cotton Feel Wet-Strength /S100RB/1.2 Mil PET	78/1668	FTW	Next Day
		13/5000	FTW	1 Day
54478	70# Fasson® 25% Cotton Feel Wet-Strength /S100RB/1.2 Mil PET	78/1668	FTW	Next Day
		13/5000	FTW	1 Day
54284	Fasson® Ruby Velvet/S100RB/1.2 Mil PET	39/1668	PVL	Next Day
<b>Matte Litho (Coated) Papers</b>				
19801	Fasson® 60# Matte Litho WN/S100R/44#PK	60/1668	SEA	Next Day
19803	Fasson® 60# Matte Litho WN/S100R/1.2 Mil PET	EXACT™ 60/5000	SEA	Next Day
19298	Fasson® 60# Matte Litho Wet-Strength /AT20/44#PK	78/1668	FTW	Next Day
		EXACT™ 78/5000	SEA	Next Day
<b>Glossy Papers</b>				
19525	Fasson® 70# Premium High Gloss/AT20/1.5 Mil PET	60/1668	WCT	Next Day
17351	Fasson® 60# Cast Gloss FSC®/AT20/44#PK	60/1668	FTW	Next Day
19637	Fasson® 60# Cast Gloss FSC®/AT20N/1.2 Mil PET	EXACT™ 60/10000	FTW, WCT	Next Day
		EXACT™ 60/7500	MTL	Next Day
19638	Fasson® 60# Cast Gloss FSC®/S100R/1.2 Mil PET	EXACT™ 60/10000	WCT	Next Day
		60/1668	FTW	Next Day
01606	Fasson® 60# Cast Gloss FSC®/S100R/44#PK	EXACT™ 60/5000	WCT	Next Day
		60/1668	FTW	Next Day
19655	Fasson® 60# Semi-Gloss Elite™ WN FSC® /AT20N/1.2 Mil PET	EXACT™ 60/10000	WCT	Next Day
53363	Fasson® 60# Semi-Gloss Elite™ FSC® /S100R/1.2 Mil PET	60/1668	WCT	Next Day
53747	Fasson® 70# Premium High Gloss FSC® /S100RB/1.2M PET	60/1669	WCT	1 Day



Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time
<b>Films</b>				
79113	Fasson® 2 Mil Clear BOPP TC/Z3300/1.2 Mil PET	60/4167	PVL	5 Days
79370	Fasson® 2 Mil Metallized BOPP TC/Z3300/1.2 Mil PET	60/4167	PVL	10 Days
79683	Fasson® High Performance FasClear® TC/S7000 /1.2 Mil Polyester	78/5000	WCT	1 Day
		78/10000	QTN	1 Day
79684	Fasson® High Performance PRIMAX® TC/S7000 /1.2 Mil Polyester	78/10000	QTN	1 Day
<b>HP Indigo Press Printable</b>				
53844	Fasson® 60# Estate Label® No. 4 Wet-Strength FSC® ITC/S100R/1.2 Mil PET	60/4167	PVL	10 Days
19991	Fasson® 60# Estate Label® No. 4 Wet-Strength FSC® ITC/S100R/44#PK	12/5000	FTW	1 Day
19915	Fasson® 60# Estate Label® No. 8 Wet-Strength FSC® ITC/S100R/44#PK	12/5000	FTW, WCT, SEA	1 Day
		13/5000	FTW	1 Day
		10/5000	WCT, FTW	1 Day
19957	Fasson® 60# Estate Label® No. 8 Wet-Strength FSC® ITC/S100R/1.2 Mil PET	12/5000	FTW	1 Day
		10/5000, 13/5000	FTW	1 Day
53338	Fasson® 60# Estate Label® No. 8 Wet-Strength FSC® ITC/AT20N/1.2 Mil PET FSC	12/5000	WCT, FTW	1 Day
19959	Fasson® 60# Estate Label® No. 9 Wet-Strength FSC® ITC/S100R/44#PK	10/25000, 12/25000, 13/25000	FTW	4 Days
53271	Fasson® 60# Classic Crest® Solar White Wet-Strength FSC® ITC/S100R/1.2 Mil PET	12/5000	FTW	4 Days
			WCT	1 Day
19962	Fasson® 60# Classic Crest® Solar White Wet-Strength FSC® ITC/S100R/44#PK	12/5000	WCT, FTW	1 Day
19987	Fasson® 60# Cast Gloss ITC FSC®/AT20N/1.2 Mil PET	12/5000	WCT, FTW	1 Day
19961	Fasson® 60# Matte Litho ITC/S100R/44#PK	12/5000	FTW	13 Days
53102	Fasson® 60# Matte Litho Wet-Strength ITC/ AT20/44#PK	10/5000	FTW	4 Days
			FTW, SEA	1 Day
53127	Fasson® 70# Bright White Felt Wet-Strength FSC® ITC/S100RB/44#PK	10/5000	WCT, FTW, SEA	1 Day
		13/5000	WCT, FTW	1 Day
53384	Fasson® 70# Royal White FSC® ITC/Z3338B/1.2 Mil PET	12/25000	FTW	7 Days
53340	Fasson® 70# Eggshell Felt FSC® ITC/S100RB/1.2 Mil PET	13/5000	WCT, FTW	1 Day
		12/5000	WCT, FTW	1 Day

Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time
<b>Laminated Foils and Metallized Papers</b>				
15789	Fasson® 70# Bright Silver Laminated Foil /S100R/44#PK	60/1668	PVL	Next Day
19902	Fasson® 70# Bright Silver Laminated Foil /AT20N/1.2 Mil PET	60/1668	WCT	1 Day
53459	Fasson® 70# Dull Silver Laminated Foil /AT20/1.5 Mil PET	60/1668	WCT	Next Day
		EXACT™ 60/10000	WCT	Next Day
53351	Fasson® 56# MaxFlex™ Bright Silver FSC® /S100R/44#PK	60/1668	FTW, WCT	Next Day
		EXACT™ 60/5000	WCT	Next Day
53352	Fasson® 56# MaxFlex™ Bright Silver FSC® /AT20/40#SCK	EXACT™ 60/5000	FTW	Next Day
		EXACT™ 60/10000		Next Day
53380	Fasson® 56# MaxFlex™ Bright Silver FSC® /AT20/1.0 Mil PET	EXACT™ 60/10000	PVL	Next Day
53381	Fasson® 56# MaxFlex™ Bright Silver FSC® /AT20/1.2 Mil PET	EXACT™ 60/10000	PVL, WCT	Next Day
<b>Welded Papers</b>				
53325	Fasson® 60# Uncoated Litho Wet-Strength FSC® /OPP Weld/Z3338/1.2 Mil PET	60/10000	FTW	5 Days
53007	Fasson® 60# Uncoated Litho Wet-Strength FSC® /OPP Weld /AT20N/1.2 Mil PET	60/10000	WCT	1 Day
53918	Fasson® 60# Uncoated Litho Wet-Strength FSC® /OPP Weld/S100R/1.2 Mil PET	60/10000	FTW	5 Days
53933	Fasson® 60# Estate Label® No. 4 Wet-Strength FSC®/PET/AT20N 1.2 Mil PET	60/4167	PVL	10 Days
53953	Fasson® 60# Envi Wet-Strength 100% PCW FSC® /OPP Weld/Z3338/1.2 Mil PET	60/10000	FTW	5 Days
53696	Fasson® 60# Estate Label® No. 8 Wet-Strength FSC® Weld/OPP Weld/S100RB/1.2 Mil PET	60/10000	FTW	5 Days
53024	Fasson® 60# Estate Label® No. 8 Wet-Strength FSC®/PET Weld/S100RB/1.2 Mil PET	60/5000	WCT	1 Day
53816	Fasson® 60# Estate Label® No. 8 Wet-Strength FSC®/PET Weld/AT20N/1.2 Mil PET	60/4167	PVL	10 Days
18523	Fasson® 60# Estate Label® No. 8 Wet-Strength FSC®/PET Weld/AT20N/44#PK	60/4167	PVL	10 Days

Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time
<b>Welded Papers</b>				
19838	Fasson® 60# Estate Label® No.9 Wet-Strength FSC®/PET Weld/S100RB/44#PK	60/4167	PVL	10 Days
53817	Fasson® 60# Estate Label® No.9 Wet-Strength FSC®/PET Weld/AT20N/1.2 Mil PET	60/4167	PVL	10 Days
53898	Fasson® 60# Classic® Linen Solar White Wet-Strength FSC®/OPP Weld/AT20N/44#PK	60/10000	FTW	5 days
53942	Fasson® 60# Classic Crest® Natural White Wet-Strength FSC®/PET Weld/AT20N/1.2 Mil PET	60/4167	PVL	10 Days
53992	Fasson® 60# Classic® Laid Wet-Strength FSC®/PET/S100R/1.2 Mil PET	60/10000	FTW	28 Days
54103	Fasson® 60# Envi Wet-Strength 100% PCW FSC® /OPP Weld/S100R/1.2 Mil PET	60/10000	FTW	5 Days
54095	Fasson® 70# Bright White Felt Wet-Strength FSC® /OPP Weld/S100RB/1.2 Mil PET	60/1668	WCT	Next Day
53232	Fasson® 70# Bright White Felt Wet-Strength FSC® /PET Weld/S100RB/44#PK	60/5000	WCT	1 Day
54072	Fasson® 60# Cast Gloss FSC®/PET Weld/S100R /1.2 Mil PET	60/4167	PVL	10 Days
53945	Fasson® 70# Premium High Gloss FSC®/PET Weld /AT20N/1.2 Mil PET	60/4167	PVL	10 Days
53926	Fasson® 60# Matte Litho WN/PET Weld/AT20N/44#PK	60/4167	PVL	10 Days
53837	Fasson® 67# Brushed Platinum Wet-Strength /PET Weld /AT20N/1.2 Mil PET	30/8333	PVL	12 Days
54236	Fasson® 60# Classic Crest® Solar White FSC®/OPP /AT20/1.2 Mil PET	60/10000	WCT	5 Days
79708	Fasson® 60# Semi Gloss FSC® /OPP/AT20/1.2 Mil PET	60/10000	FTW	5 Days

For our full line wine labeling offerings, please visit our website or speak with your Avery Dennison Sales Representative.

PVL=Painesville, OH PTC=Peachtree City, GA WCT=West Coast FTW=Fort Wayne, IN SEA=Seattle, WA  
 QTN=Quakertown, PA MTL=Montreal, QC

EXACT,™ ReadyWidth,™ and Custom Service Programs available

Avery Dennison  
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Mentor, Ohio 44060

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[label.averydennison.com](http://label.averydennison.com)

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