

Insights and perspective to help your business grow

# ADConnect

SPECIAL LABELEXPO ISSUE

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# The State of the E-commerce Trend

Volume 5, Issue 3

Labelexpo 2018 Step in. Sit Down. Move Forward.

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New Heat Sealable Reclosure System

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Our presence at Labelexpo 2018 focuses on the many ways we're helping converters change our industry, and our world

Taking the Show

on the Road

Our I.D.E.A. Marketplace series

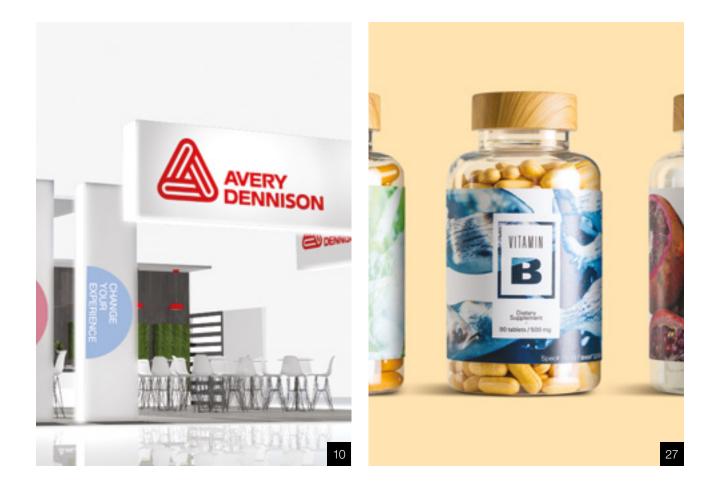
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designers, brand owners and

Avery Dennison beginning this fall

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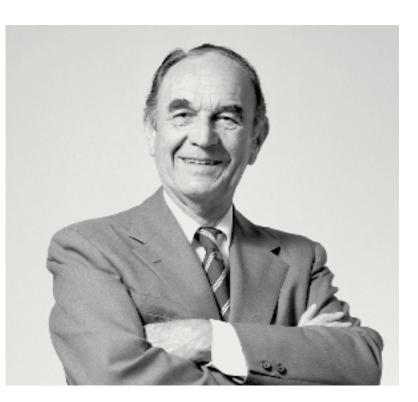
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# Finding Inspiration to Pioneer Change at Labelexpo

We often hear that inspiration can come from where we least expect it. I love a particular story about our founder, Stan Avery, that illustrates this.

As a boy, Stan learned how to operate a printing press and he put that knowledge to use in high school by printing school dance programs, business cards and invitations.

So when he was working for a tape company shortly after college, Stan thought back to his earlier experiences in printing. He saw strong connections between the technologies of printing and die cutting. The company had no machine to produce its technology in quantity. Stan built a custom rotary die and on its first run, the machine flooded the room with a snowstorm of material before Stan could turn it off.



↑ Stan Avery, Founder

That led him to experiment and create the first self-adhesive label and ultimately starting his own company — and an industry in itself. The rest is history.

Here's what I take away from that story: pioneers do not operate in a vacuum. They explore their environments and stretch their perspective. They look at challenges and opportunities and bring them together. They listen to their customers' needs and make connections to find solutions - and have the courage to pursue them.

In September, our industry comes together in Chicago for Labelexpo to talk about the future of labeling and packaging. Our theme for Labelexpo this year is Pioneering Change. In our booth, visitors will see some of the newest technologies and products engineered to help converters explore growth opportunities.

That's just the beginning of the story. I also look at Labelexpo as an opportunity to continue to stay connected to the industry

and our customers. It's the conversations and connections that come out of Labelexpo that spur many of the ideas and innovations that make Avery Dennison industry pioneers.

In fact, many of the solutions we are featuring evolved from conversations in past years at Labelexpo, at other industry events and through direct engagement with our customers.

### This is where we listen to challenges, consider solutions and start thinking where inspiration may lie.

Take a look at our sustainability journey, for example. When we listened to our customers, we heard that they are also passionate about making our industry a more sustainable one-there's simply challenges to overcome to get there. Our mission is to help break down those walls.

So we worked to offer our portfolio of more than 610 FSC®-certified materials at price parity to like comparisons. We also brought together insights from converters, brands and the PET and recycling industries to create the CleanFlake<sup>™</sup> Portfolio which significantly improves the yield of recycled PET.

This sustainability revolution continues. In our Labelexpo booth this year, you'll see solutions from our ClearIntent<sup>™</sup> sustainable portfolio, like Linerless Labels, and I'm also looking forward to talking with attendees about how we work together to pioneer the next generation of sustainable innovations.

Nick Tucci, Vice President and General Manager, Label and Graphics Materials, North America

Also importantly, we'll be using this time to listen to you, to our suppliers, to OEMs and other value chain players-and to new entrants who are offering ways to disrupt our industry. Change starts with understanding and being willing to listen, and that's what we'll be doing at Labelexpo. AD

As you read this issue of AD Connect, you'll see how we are telling our story of Pioneering Change in our Labelexpo booth. We will be sharing key trends from our Market Research department, as well as innovations that focus on new technologies, products that open up opportunities for our converters, engage consumers and change our world.



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### The State of the E-commerce Trend

Take advantage of business opportunities opening up with the move to online shopping

The way people shop for and buy a growing number of products has changed dramatically in recent years. That's probably not a surprise. However, you might be interested to know that this development is offering new opportunities to label converters serving both logistics and consumer packaged goods segments.

### The numbers tell the story

According to Euromonitor, in North America, e-commerce is expected to grow 12 percent annually between now and 2021, from \$500 billion to \$650 billion. Globally, e-commerce is now a \$2.3 trillion chunk of the economy. It's expected to grow 14 percent annually in the same time period.

A whopping 96 percent of Americans now shop online, spending an average of five hours per week and 36 percent of their household budgets on online purchases. Even when a brick and mortar store is part of the shopping experience, consumers' expectations are very different from what they once were: 80 percent of shoppers now use a mobile device in store to compare prices, look up product reviews or find alternative store locations. About half of shoppers say they may buy a product online, only to pick it up at a local store.



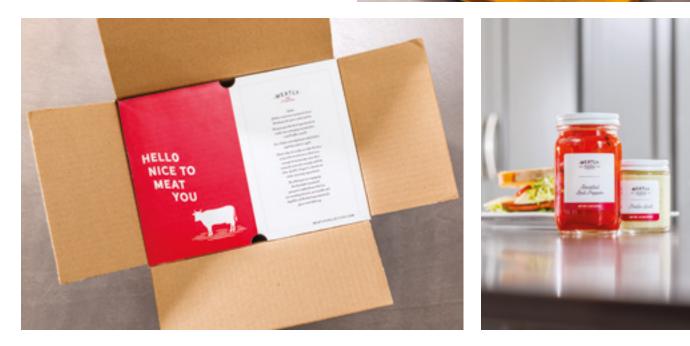
### Changing the game in many segments

Growth in e-commerce is pronounced across a variety of categories, including media products, personal accessories, housewares and home furnishings, video games, apparel and footwear, home improvement and appliances.

It's even beginning to disrupt the way we buy staples such as groceries. The mealkit service Blue Apron, launched in 2014, is now a significant player in the segment. E-commerce giant Amazon, meanwhile, is growing its "Amazon Fresh" service. Traditional grocery chains have jumped on to the e-commerce playing field as well. Kroger, for instance, now offers online ordering with store pickup. Some are even offering home delivery.









### **Converter considerations and opportunities**

With this disruption, we can expect continued growth in transport and logistics applications. The typical logistics process starts with the customer's order, then moves to product picking at the vendor's warehouse, then on to the handoff to a thirdparty logistics company. All this involves multiple applications of thermal print labels with variable information designed to help identify, route and deliver the product.

Label converters will also see new design opportunities in the packaging of products themselves. Brands are increasingly sensitive to the fact that packaging designed for retail shelves may not be robust enough for the e-commerce process. In fact, 41 percent of consumers say product damage negatively affects their brand perception, while 39 percent say damage decreases their brand loyalty. Thus, brand owners in segments such as household products, food and beverage, and personal care are challenging designers to rethink "high risk" packaging designs to better withstand the rigors of e-commerce.

### A new mindset

The bottom line: winning in e-commerce means a new mindset. Modern product packaging is increasingly designed and oriented for ease of shipping and logistics, and with a focus on the needs of the end consumer—the shopper—rather than how it looks on a store shelf. Brands that can produce innovative, high-quality, earth-friendly packaging will have a leg up on those that are resistant or simply unable to change.

The Avery Dennison portfolio offers a wide variety of products and technologies to help you adapt to this new mindset. To better understand how the e-commerce trend is affecting your business, and explore ways to take advantage of these opportunities, contact your Avery Dennison representative. AD

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# Pioneering Change.

Our presence at Labelexpo 2018 focuses on the many ways we're helping converters change our industry, and our world

Avery Dennison's Labelexpo Americas 2018 theme is "Pioneering Change."

Sound familiar? We led with this theme at last year's Labelexpo Europe in Brussels. Now, we'll build on it at this year's event in Chicago. Our goal is to highlight the pioneering spirit of our founder, R. Stanton "Stan" Avery, the innovators who followed him, the evolving nature of our industry, and our continued commitment to change that helps label converters stay ahead of trends and grow their business.

### A comprehensive look

Visitors to the Pioneering Change booth will get a comprehensive look at the most significant ways Avery Dennison is responding to the everchanging business dynamics of our industry, including:

- Insights around key trends affecting label converters and brand owners they serve.
- How we're addressing those themes through products and services in the Avery Dennison portfolio.
- Some of our newest technologies, and new products engineered to help converters open up growth opportunities, engage consumers, and change how we interact with packaging.
- Important, new, self-service tools for converters and the addition of new labs to create a more engaged customer experience. These include our new iLab, where you can interact with live demonstrations, meet with our experts and get hands-on experience with the technology of tomorrow.
- The trend towards sustainability, and our embrace of this trend as a way to do business. This means much more than offering more eco-friendly product options. Sustainability is a companywide commitment that's now driving a wide variety of our operations. Our strategy is aimed at a set of ambitious, multi-year goals in areas that are important to customers and stakeholders alike.

#### A need to adapt

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In today's market, the ability to adapt isn't an option. It's a necessity. As the business "descendants" of Stan Avery, we understand this. We understand we need to innovate ever faster, and ever more in tune with converters' needs.

Here's a deeper look at the five areas of our booth where we'll demonstrate the many ways we're Pioneering Change.



Volume 5, Issue 3



### Change your Horizons

### Explore new opportunities for growth with functional packaging

A new and fast-growing category, "functional packaging" is helping brand owners add value to existing products while transforming the way consumers make decisions at the point of sale.

The category includes reclosure, flexpack and security solutions. These features are intended to help people enjoy a variety of benefits.

We've put a lot of emphasis in 2018 on the functional packaging trend, with the aim of discovering insights converters can use to grow their business. In fact, we partnered with MarketVision, one of the country's leading providers of market research, to understand why consumers are choosing functional packaging, what specific features they look for, and whether they're willing to pay more for those features.



Through this research, we've learned a lot about the segments where functional packaging is growing, the specific applications that consumers value and how brand owners can incorporate these features.

Labelexpo gives us a great opportunity to share all we've learned, and help converters develop a game plan for this exciting new area. We welcome the opportunity to talk about how we can help "change your horizons" with functional packaging solutions from Avery Dennison.

### Labelexpo spotlight: Heat Sealable Reclosure Featuring R1490

Our new heat sealable reclosure technology brings together visual appeal, functionality, convenience and sustainability. Featuring our FDA-compliant R1490 adhesive, this new technology removes the need for a functional barrier between the label and the food, thus reducing the amount of material that goes into a heat seal package. It's helping converters open up new opportunities for growth in the produce segment. We'll have more information available at the show.

### Change Perceptions

### **Discover premium** labeling opportunities for greater shelf appeal

It happens in a flash. And, for many brands, it's the moment of truth: The moment the consumer gazes up at a row of competing products on a store shelf. What products stand out? Why? What do those products do to encourage the consumer to go beyond the gaze, reach up, and place them in his or her cart?

These are the questions that brand owners and designers must answer to win in today's ultra competitive retail space.

The Avery Dennison portfolio is diverse, broad and ever expanding. And the wavs converters and brand owners can apply our portfolio to their labeling challenges is limited only by their imagination. Visitors to Labelexpo can see just a few of the many ways our portfolio is changing perceptions and increasing shelf appeal.



Labelexpo Spotlight: **Pure Cotton** 

Pure Cotton is an uncoated. 100 percent cotton, white matte paper for wines and high-end beverages. Ideal for those looking to enhance their shelf appeal by taking advantage of the tactile trend, it offers a velvetv texture and an 80# facestock that's suitable for embossing.

### Labelexpo Spotlight: Linerless Labels

Avery Dennison Linerless Label technology eliminates a major source of waste, reducing impact on the environment. But that's just the start of its many benefits. With no liner, each roll carries nearly double the number of labels, lowering the shipping, storage and disposal costs, reducing roll changes to boost productivity, and improving shop floor safety. Linerless can change how converters, brand owners, and consumers perceive labels and the challenges of reducing waste.

### Change the Future

### **Choose sustainable options** that don't cost the earth

Avery Dennison is committed to leading sustainable change in our industry. Underscoring the Natural Step methodology, we've publicly committed to eight, primary, 2025 sustainability goals. These are outlined in detail at label.averydennison.com.

For 2018, recycling and material solutions are key areas where we're driving change. Our label and packaging business has a huge opportunity to help improve the sustainability of our company, our supply chains, and our industry as a whole.

This includes helping converters and brand owners improve their own

### Change the Game

### Gain an edge with productivity gains and disruptive technology

"Change is the only constant" may seem like a cliché. But is there any better tagline for our industry-and for our world-for the first two decades of the 21st century? And chances are, the change we'll see in the next two decades will give us a world nothing like what we know today.

For almost any business, success in this dynamic environment requires adaptability, increasing productivity and efficiency. At Labelexpo, we'll share some of the ways we're helping converters continue to find success. With innovations aimed at productivity improvements with all types of presses, and leadership in technologies such as RFID, Avery Dennison is helping converters stay in step with whatever the future brings.

### Labelexpo Spotlight: Intelligent Labels

RFID technology is changing the game, across functions ranging from inventory management to food expiration to consumer engagement. We're the world's leading manufacturer of RFID inserts, and our Intelligent Label solutions feature this technology

impact through offerings such as our ClearIntent Portfolio, which now includes hundreds of sustainable facestocks and adhesives. To be included in the portfolio, a product must prove meaningful improvements in sustainability over standard Avery Dennison products against at least one of three standards: responsible sourcing, reduction of materials, and/or recyclability (made of recycled materials or itself recyclable).

We look forward to using Labelexpo as a platform to further discuss our ambitious goals, and explore ways we can work together, as an industry, to drive sustainability.



at their core. Engineered to facilitate interaction between smartphones and other RFID-enabled objects, Intelligent Labels are changing how business is done-changing the game-in apparel, aviation, beauty, healthcare, food, and other industries.

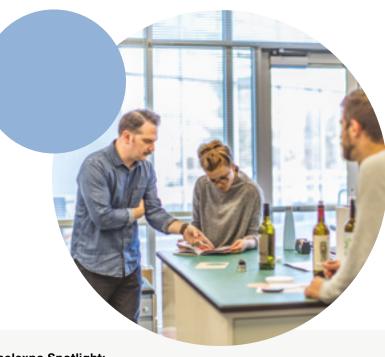
### Change your Experience

### Work smarter with services that reduce complexity and add value

In today's dynamic business environment, forging smart partnerships can go a long way toward finding success. To that end, Avery Dennison has developed a variety of services that help converters leverage our scale, experience, and expertise.

These services range from in-house UL® testing in our accredited lab, customized solutions through our Engineered Solutions team, design guidance from our Concept Lab, to the hands-on support provided by our Regional Technical Managers. These, and other services, are investments in our customers. And, they've been developed, in large part, based on their needs.

We'll showcase our many services at Labelexpo, along with providing a sneak preview of our new, online, self-service capabilities set to launch later in 2018.



### Labelexpo Spotlight: The Concept Lab On Wheels

The Concept Lab experience offers booth visitors a chance to see our label technologies in action. Visitors can customize, print and apply labels to bottles while getting inspiration from our prototype exhibit and materials showcase. The display is part of our I.D.E.A. Marketplace event series, which starts in Chicago at Labelexpo and continues this fall (see "Taking our Show on the Road" in this issue).



Step in. Sit down. Move forward.

### Please join us in Pioneering Change

Labelexpo Americas runs from September 25-27, 2018, at the Donald E. Stephens Convention Center in Rosemont, IL (Chicago area).

The Pioneering Change booth will be in Hall A, section 119. We hope you can attend, and invite you to Pioneer Change with us.

### Beyond Section 119

Our presence, and our products, will be throughout Labelexpo

A great deal of "Pioneering Change" happens within our walls, often inspired and guided by our customers' feedback.

But a lot of our innovation work happens offsite, as well. This includes, for instance, working with OEMs to qualify our label constructions for specific printer models and inks.

So, it's fitting that our Labelexpo presence will expand well beyond the edges of our booth (section 119 at the Donald E. Stephens Center). You'll find Avery Dennison products throughout the show, including at the booths of these digital OEMs, all of whom we collaborate with regularly.

UV Inkjet	Water-Based Inkjet
Domino, <i>N610i</i>	Colordyne
Screen Americas,	Epson
Truepress Jet L350UV	Primera
Mark Andy, <i>Digital Series</i>	
Xeikon, <i>PX 3000</i>	



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### Additional sponsorships

\We're also proud to sponsor and support TLMI's EcoVillage, which will showcase the latest products and services designed to make our industry even more sustainable. Avery Dennison products will help supply the matrix waste, also known as trim, for use in a demonstration of ways the material can be converted into fuel pellets.

### + Tear and Take

2018 Labelexpo Show Map

### Get your Labelexpo passport

Not only have we teamed up with these OEMs to showcase our technologies, we've teamed up with them to create a fun opportunity for you.

### Here's what to do:

Start at the Avery Dennison "Pioneering Change" booth. Please spend as much time as you like, of course. But before you head out to explore the rest of the show, pick up your complimentary Avery Dennison Labelexpo Passport.

Visit the booths of the OEMs listed to the left. At each, you'll see a different Avery Dennison label construction printed with a unique design on that manufacturer's press. You'll receive a printed label sample, which you should put in your passport.

When you're finished filling out your passport, return to the Avery Dennison booth. Show us your passport, and you'll receive a giveaway and be entered to win a daily prize. The passport and printed label samples are yours to keep.

Finally, we are partnering with Xeikon, serving as materials sponsor of the Labelexpo Automation Area. The area will feature two automated press lines for digital and conventional production. It'll be a unique opportunity to get a sneak peek of how label and packaging production will evolve.

We're looking forward to seeing you at Labelexpo Americas, both inside and outside section 119.

### Labelexpo 2018

Your Map to Digital Success

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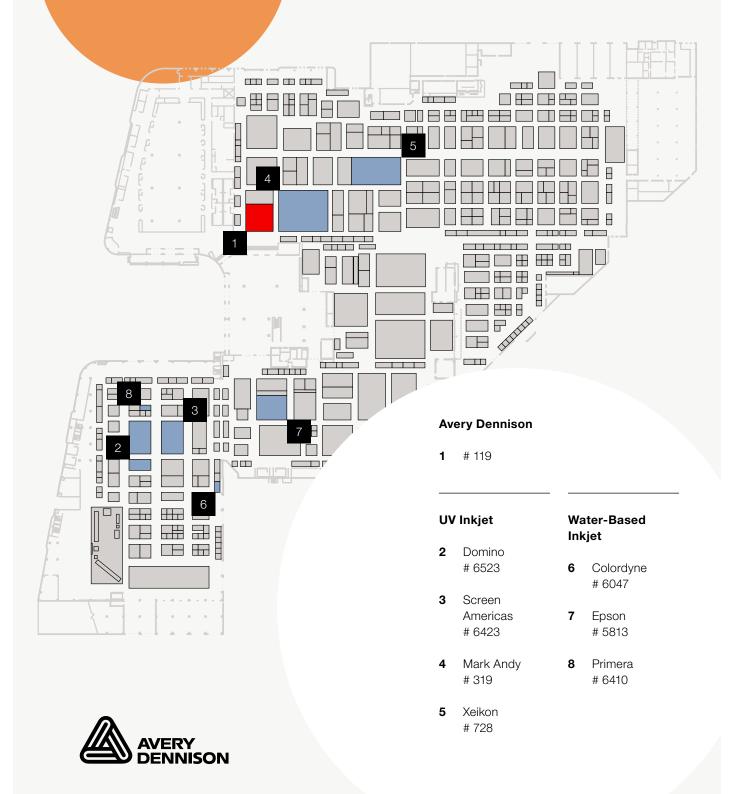


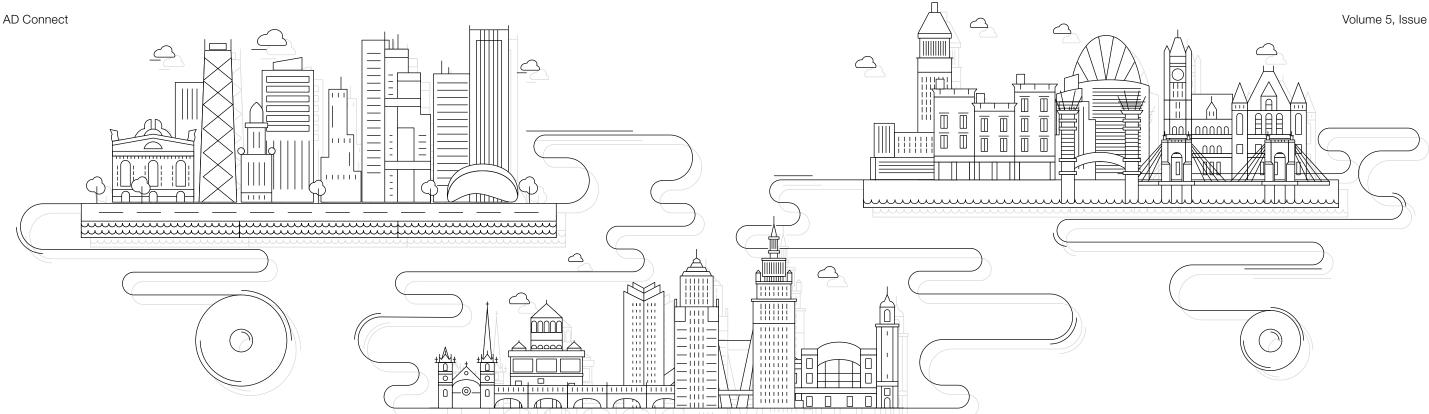
label.averydennison.com

### Pioneering Change.

Labelexpo 2018

Chicago September 25-27





### Taking the Show on the Road

Our I.D.E.A. Marketplace series will bring together converters, designers, brand owners and Avery Dennison beginning this fall

We truly relish the opportunity to bring label converters, designers and brand owners to our headquarters. For instance, our Concept Lab-a team of collaborative design experts-hosts customers throughout the year in ideation sessions to think through solutions to their packaging challenges. These sessions are part of the team's broader mission to offer expert design support to customers, both internal and external.

But we also know it's just not practical for everybody we'd like to host to make the trip to Avery Dennison headquarters. That's why we're going to pack up and bring Avery Dennison to you ... and to the local brands and designers you work with.

Starting at Labelexpo 2018, we will launch the We Love Materials I.D.E.A. Marketplace series. The I.D.E.A. (Inspire, Discover, Elevate, Achieve) Marketplace is designed to highlight new material solutions, form value chain connections and share ideas on new trends impacting the industry.

### See us in action. socialize and network

The brainchild of the Avery Dennison marketing team, the series will pop up in three cities this fall, starting in Chicago during Labelexpo Americas 2018. It will be an opportunity for local converters and designers to not only learn about and see Avery Dennison products in action, but socialize and network over food and drinks.

Says Anh Marella, marketing director: "The I.D.E.A. Marketplace series will expand on the 'Pioneering Change'

theme of Labelexpo, but perhaps in a more down-to-earth and personal way than such a huge show."

At each venue, the I.D.E.A. Marketplace series will include:

- A product gallery featuring Averv Dennison material innovations
- An interactive maker space showcasing our newest materials
- A space full of local label converters, brand owners and designers to network and share insights

"I'm telling people to expect a 'casual innovation vibe," says Alex Kidd, creative design manager for the Concept Lab. "My team and I will be there to show off materials, talk design and collaborate with attendees to build quick prototypes."

#### Customized to each locale

Each event will further be customized to reflect design trends and opportunities in the locale. A location with a robust craft industry, such as Cincinnati, may focus more on wine, spirits and beer labeling. A location with a strong manufacturing base, such as Cleveland, will focus a bit more on Intelligent Label technology.

"This is a new way for us to reach out," says Anh. "If the response is positive, we'll look to bring it to more cities in 2019 and beyond. So I encourage our label converter customers to make time to attend their local events with the in-house or external designers and brand owners they work with or they think would just be interested in attending. It'll definitely be informative, and I think it'll be a lot of fun."

The I.D.E.A. Marketplace series is coming to the following cities:

### → Chicago

At Labelexpo for label converters

### + Cincinnati

For graphic designers and brands

### + Cleveland

For label converters. graphic designers and brands

Look for more information on how to RSVP in your inbox or contact your sales representative.

To learn more about the Avery Dennison Concept Lab, and how it can help you solve your packaging design challenges, visit label.averydennison. com/theconceptlab. AD

### New Heat Sealable Reclosure System –

### A functional packaging breakthrough

Consumer trends are constantly changing. For converters to grow and succeed, they need label and packaging solutions that break new ground in functionality, efficiency and visual appeal while meeting the needs of new and evolving segments.

One such breakthrough turning heads in the food segment is our new heat sealable reclosure system, delivering visual appeal, enhanced functionality and convenience along with the benefits of economy and sustainability.

Utilizing R1490, the only FDA-compliant direct food contact adhesive in the industry for reclosure, and a heat sealable film liner, the new technology turns the release liner into a functional part of the final package, creating meaningful material reduction particularly for produce packaged in rigid plastic containers like tomatoes, berries and lettuce.

### An environmental win

The heat sealable reclosure system allows for direct adhesion of the entire construction to rigid PET containers. This removes the need for a clamshell lid, using significantly less plastic packaging overall and eliminating liner waste. In pint containers, for example, the lid makes up 44-47 percent of the material used to form the container. The heat sealable reclosure system opens up opportunities for converters to engage produce packers with a sustainable and functional packaging solution.

### An opportunity to differentiate

Heat sealable reclosure technology gives label converters a more affordable and sustainable way to provide brands with the convenient, easy peeland-reseal functionality today's busy consumers are seeking. Yet it's not just convenience consumers want. According to a 2017 Reuters/Ipsos survey, many consumers are trying to eat healthier, fresher, and fewer processed foods. No wonder, then, that fresh foods are now driving total store sales, with produce a major contributor to that growth. Today's consumers want to see the freshness, especially for foods like fruits and vegetables. Transparent lidding films meet that need.

Being able to see that foods are ripe, plump and richly colored assures consumers of freshness and high food quality, positives that bode well for brand image. Yet there are other benefits as well. For brands, the ability to remove the clamshell lid creates the opportunity for greater creativity in packaging design, differentiating and adding value to their products.

By delivering greater packaging usefulness, heat sealable reclosure technology increases product value as well as the overall customer experience, enhancing consumer interaction, building brand loyalty and creating higher quality engagement.

### More innovations ahead

Our new heat sealable reclosure system demonstrates how Avery Dennison is working hard to further enhance the consumer experience through innovation. Our commitment to innovation permeates every area of our business; our aim is not merely to respond to current industry needs, but to drive ongoing change by constantly pushing the limits of what labels can do. It's how we'll help converters stay a step ahead of the trends, driving growth and business opportunities for converters and brands alike. AD

### What is functional packaging?

Functional packaging includes packaging types like reclosures, flexible pouches, and stickpacks, and also embraces intelligent labels and security materials.



In essence, functional packaging adds unique attributes to standard product packaging, moving it from simple containment to adding function (like extended shelf life or easy open/close). It can even add to the product's lifespan.

### The Beauty of Sustainability



### CleanFlake<sup>™</sup> adhesive technology is now available in a white Global MDO film

First introduced in 2012, Avery Dennison CleanFlake<sup>™</sup> technology is helping recyclers maximize their yield of food grade PET, as it helps brands make stronger statements about the sustainability of their products. CleanFlake is an adhesive technology in our ClearIntent<sup>™</sup> portfolio. These are products that offer meaningful improvements in sustainability over other Avery Dennison offerings.

Avery Dennison has expanded its CleanFlake<sup>™</sup> portfolio to include white Global MDO film, giving brand owners even greater ability to have their product stand out on shelves while connecting with today's sustainabilityfocused consumers. The CleanFlake portfolio now includes clear and white Global MDO and BOPP film as well as paper facestocks.

For brand owners in beauty and personal care, this expansion of the CleanFlake<sup>™</sup> portfolio comes at a perfect time: The trend toward sustainability is driving more and more choices around packaging in their segment.

### The growth of PET bottles in beauty and personal care

Strong, lightweight and versatile, PET plastic is becoming a preferred material for consumer product packaging. According to a study by Euromonitor, brands across all segments produced 108 billion PET units in 2017. That number is expected to grow to 117 billion units by 2021.

This growth includes the beauty and personal care segment, where PET use is expanding at a 1 percent CAGR. PET bottles now have a significant share of the segment, and that presents a challenge. As consumers increasingly desire to have a positive environmental impact with their purchases, simply selling a great product is not enough. Brands must show that they align with their customers' values. They must show how they differentiate from a sustainability standpoint.

For a segment that makes frequent use of Global MDO films in its labeling, our new CleanFlake<sup>™</sup> offering can be a game changer. It passes the highest form of testing available from the Association of Plastic Recyclers for films that conform with the PET recycling process. From the brand owner's perspective, it makes for a powerful message about a product's sustainability.

### Looking good and doing good go hand in hand

As one example, CleanFlake<sup>™</sup> technology was recently adopted by Unilever for its new Love Beauty and Planet (LBP) line of "natural" beauty products.

Reflecting on the LBP brand and choice of packaging, Jane Zanewski, Unilever's director of sustainability, says: "Love Beauty and Planet was started by a group of like-minded individuals who believe that looking good and doing good should go hand-in-hand .... Our approach is a holistic one, encompassing the entire product life cycle and beyond. We've given careful thought to our ingredients, product packaging, and social partnerships."

### The performance and selection you expect from Avery Dennison

CleanFlake<sup>™</sup> technology also delivers the high performance brand owners expect from an Avery Dennison adhesive. To learn more about CleanFlake<sup>™</sup> technology, go to label.averydennison.com/cleanflake. If you're attending Labelexpo Americas 2018, please visit the Change the Future zone at the Avery Dennison booth. We'll share the CleanFlake™ story, and showcase our other efforts to marry performance and shelf appeal with sustainability. AD

# Regional Technical Managers

### Get to know the team providing expertise for Avery Dennison products and application processes, both externally and internally

This is the second in a series of four guarterly AD Teams columns looking at our ADvantage technical teams. In this issue, we'll meet our Regional Technical Managers (RTMs).

### Regional responsibilities, targeted expertise

The Avery Dennison RTMs are five experts with deep and diverse experience in commercial printing, production, label conversion and application processes. Their primary job is to work directly with converters and their customers to provide problem-solving and training support.

Four have geographic responsibilities, serving converters (and their customers) and end users in regions across the country. The team's lead, Denis Kuhlke, is based in Atlanta (more on his role in a bit).

Denis says, "We're based throughout the U.S. to be sure we can be close by when a converter or their customer needs help. It's often possible for one of us to be onsite the same day we get the call."

Each team member also has responsibilities to be an expert in specific Avery Dennison product portfolios, plus both customer conversion and label application processes. "We are objective in our problem-solving," says Denis. "It doesn't matter who or what is at fault. Our goal is to get the customer up and running again as quickly as possible."

### Voice of the customer

RTMs also play an important role internally, frequently providing technical expertise and customer perspective to our marketing, R&D, manufacturing plants and others. Their knowledge proves essential in driving and supporting innovation and product development. They create our technical marketing bulletins as well, which are designed and written to help converters use and troubleshoot our products.

"The fact is, few people in our industry have the printing and converting, PS material, application, and dispensing knowledge that our RTMs possess, says Denis. "We know the challenges that operators face, and we're helping

them solve problems almost daily. We continue to focus on bringing that voice of our customers internally, not only to improve existing products, but to innovate new ones."

### Saving the day

Bret Marshall is a senior district sales manager for Avery Dennison. He and his team frequently work closely with the RTMs, and understand the tremendous value they provide.

Says Bret: "I've seen our RTMs 'thrown into the fire,' so to speak, with customers struggling with product or application issues. There might be millions of dollars of product on the line. Our guys will come in and stand shoulder to shoulder with the customer to help them figure it out. They really do have a knack for saving the day."

Speaking about a recent issue where he engaged his regional RTM, Robert Brady, VP Sales and Marketing at LabelTech Inc. in Somersworth New Hampshire, says. "John McFeely proved incredibly helpful over the past two days. Between the assistance

I have received from both him and an Avery Dennison business development manager this year, I would say the support we've received on the films is amongst the best in the industry."

### Changing the team to better serve you

In recent years, customers have continued to leverage the value of our RTMs. As a result, the team's number of annual customer site visits has doubled. While the team members remain committed to providing the hands-on support they're known for, they've also recognized an opportunity to operate even more efficiently and effectively.

That's why 2018 has brought a change to how the team works, with the addition of a new southeast RTM. Scott Beaujon. Also, after many years "on the road" for Avery Dennison, Denis will now remain in Atlanta. There, he'll be reachable by phone, online or video chat. In this newly-created role, he will coordinate the team's work. provide advanced technical support, and ensure a team member is always available to address a customer issue in a timely way, while other RTMs are solving issues ... or perhaps unreachable at 30.000 feet.

"I honestly feel that RTM is the best job in the company," Denis says with a smile. "It's taken me just about every place where labels are used. I've worked in places ranging from the Library of Congress to pharmaceutical manufacturer clean rooms, to poultry processing plants, and just about everything in between." AD











To learn more about, or connect with, your regional technical manager, please contact your local Avery Dennison sales representative.

### Meet the Regional **Technical Managers**

John McFeely, Northeast Region Based in Philadelphia, Pennsylvania Industry experience: 38 years Expertise: Printing / print technologies, converting, die cutting, UV Inks, films, applications



Scott Beaujon, Southeast Region Based in North Carolina Industry Experience: 31 years Expertise: Printing / print technologies, converting, die cutting

Keith Gliesman, Midwest Region Based in Mentor. Ohio Industry Experience: 28 years Expertise: Converting, die cutting, press modifications, Intelligent Labels (RFID)

Scott Bates, West Region Based in Los Angeles, California Industry experience: 37 years Expertise: Wine labeling and application equipment

Denis Kuhlke. Team Lead Based in Atlanta, Georgia Experience: 31 years Expertise: Paper, variable print, films, application equipment

# A Collection of Ideas from the Avery Dennison Concept Lab

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```
Spec# 79723 Fasson® 2 Mil White BOPP UVIJ/S7000/1.2 Mil PET
```

Spec# 78889 Fasson® 2 Mil Metallized BOPP TC/S7000/1.2 Mil PET



Spec# 79668 Fasson® 3.5 Mil Glossy Clear BOPP WBIJ/S7000/40#BG

### AD Connect

Engineered Solutions

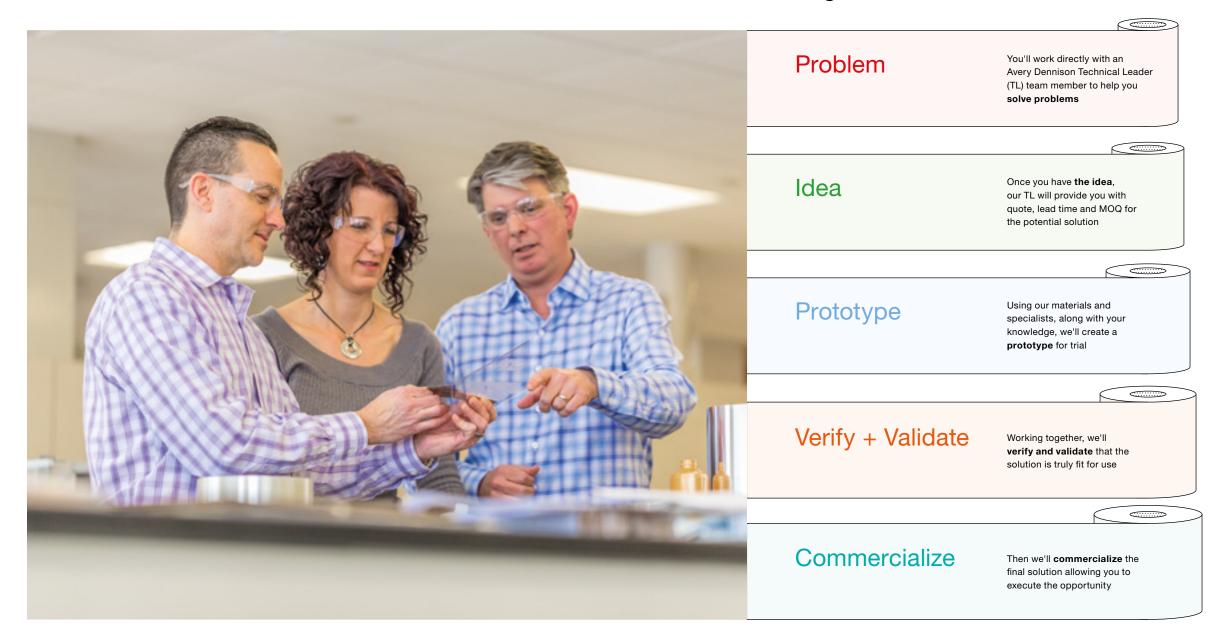


Volume 5, Issue 3

Engineered Solutions

### Customization is an Expert Away

### Select Solutions<sup>™</sup> 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.

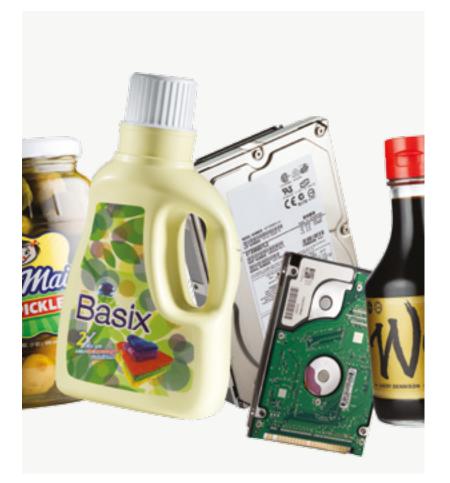
Get started with Select Solutions Engineered Solutions, visit label.averydennison.com/engineered

### 

# 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.



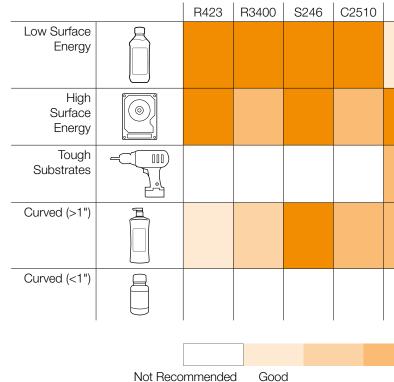
### Versatile, flexible way to create select label solutions

### 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.



Not Recommended

S490	S4600	S2501	S692N	S8001	S8015

Excellent

Continued  $\rightarrow$ 

Engineered	Solutions
------------	-----------

		40#SCK	50#SCK	40#BG	69#MF	1.2 Mil PET	1.5 Mil PET
Prime Paper	·						
	S246	07655					07732
	C2510	53631					
60# Cast Gloss	R423	96546			53876		
	S490		53614		07693		
	S4600	53610	53615	53617	53621		
	S246		01734				
Bright Silver Foil	C2510		53530			53510	
Bright Silver I Oli	R423	53865					
	S490				53578	53537	
	S246	02861	10751			53503	
Dull Silver Foil	C2510		53528				
	S4600	53540					
Bright Gold Foil	S246	53522					
	S246	53354	53635			53628	53403
MaxFlex <sup>™</sup> Bright Silver	C2510	53632				53626	
Maxinex Digit Silver	R423	53868					
	S490				53623		
Inverted-Face MaxFlex <sup>™</sup> Bright Silver	S246	53825					
8 Pt. Tag	S2501				53573		
0 i i. iag	S4600	53539					

### Variable Information

Π1C	S246		14443			53507	
	C2510	53527				53512	
	R423	98203					
	S4600		53551		53569		
TT2C	S246		02329				
	R423	96029					
DT 300HD	S4600	53542		53559	53568		
	R423	53869					

### Prime Film

	S692N				79267		79184
	S2501				79268	79164	
2 Mil Clear BOPP TC	R3400				79495		
	S8001			79234	79269	79153	
	S8015	79295	79305				

\*These specs are examples of previously created solutions as part of Mix and Match or Engineered Solutions

		40#SCK	50#SCK	40#BG	69#MF	1.2 Mil PET	1.5 Mil PET
	S246	78788	79140				
	C2510		79141				
	R3400			79486	79496		
2.3 Mil White BOPP TC	S692N				79270		
	S2501		79205	79224	79272		79187
	S4600			79215			
	S8001			79235	79273	79154	
	C2510		79142				
	S692N				79274		76999
	R3400			79487			
2.6 Mil White BOPP TC	S2501		79206		79276		79188
	S4600		79201	79216	79275		
	S8001		-	79236			
	S8015			79315			
	S246		79143				
	C2510		79144				
	S2501				79285		
2 Mil Metallized BOPP TC	S4600		79203	79218	79284		
	S8001		79211	79233	79266		
	S8015		79310				
	R3400					79657	
	S692N						76993
	S2501		79207		79280	79167	
Primax <sup>®</sup> 250	R3400				79499		
	S8001		79213	79237	79281		
	S2501		-	-	79282		
FasClear <sup>®</sup> 250	S8001				79283		79180
	S8015	79299					
Durable Film							
	S2501			79230			
2 Mil Clear Print-Treated PET	S8001				79259		79090
	R3400		79491				
	S4600			79219	79287		
	\$8001				70256	70158	70181

	S2501			79230			
2 Mil Clear Print-Treated PET	S8001				79259		79090
	R3400		79491				
	S4600			79219	79287		
2 Mil White Print Tracted DET	S8001				79256	79158	79181
2 Mil White Print-Treated PET	S8015	79301		79319		79293	
	R3400				79508		
	S2501				79260		
2 Mil Matte Chrome PET TC	S4600				79261		
	S8001				79262	79159	
	S2501				79263		
3 Mil Synthetic Paper	S4600				79264	78427	
	S8001	79199		79239	79265	79160	
	S8015	79304					
	R3400		79494		79510	79519	

All Mix & Match orders more than 5000 LF are subject to standard lead times

Blue Spec# = Ships from Peachtree City, GA, 30" x 1500' MOQ Green Spec# = Ships from Painesville, OH, 60" x 2500' MOQ

# Select Solutions<sup>™</sup> 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

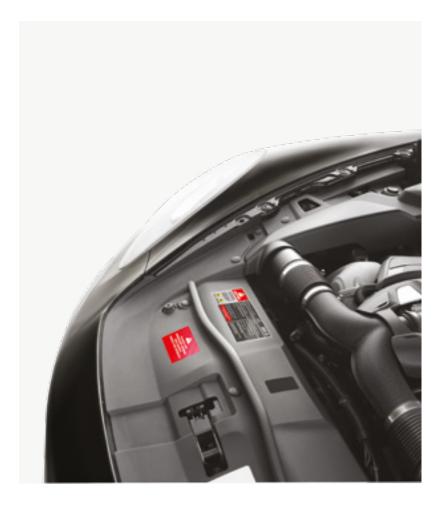
- Logistics and transport
- Pharmaceutical
- Industrial chemical labeling
- Food and retail promotions
- Home and personal care

#### Cover-up

Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time
15477	Semi-Gloss Elite <sup>™</sup> FasCover <sup>™</sup> 2/AT20/40#SCK	EXACT™/2500	WCT	Novt Dov
10477		EXACT™/5000	FTW	- Next Day
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
06263	Matte Litho FasCover™ 2/AT20/40#SCK	78/1668	FTW	Next Day
13601	Trans-Therm <sup>®</sup> 1C FasCover <sup>™</sup> 2/AT20/40#CK	EXACT™/5000	FTW	Next Day
15562	Direct-Therm 200HD FasCover™/AT20/40#SCK	60/1668	PVL	Next Day
53825	Inverted-Face MaxFlex <sup>™</sup> 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 <sup>®</sup> 250/ S1000/44#PK	Single Roll*/2500	PVL	4 Days

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

# Select Solutions<sup>™</sup> 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	Interrior Use Only	
76656	2 Mil White PET TC/	Stock/5000	NEE	1 Day	~	✓			
/ 0000	S8015/50#SCK	EXACT <sup>™</sup> /1668		T Day					
76658	2 Mil Matte White PET TC/ S8015/50#SCK	Custom Coat/5000	PVL	5 Days	~	$\checkmark$			
76660	2 Mil Matte Chrome PET TC/ S8015/50#SCK	EXACT™/1668	NEE	1 Day	~	$\checkmark$			
*79453	2 Mil White PET TC/ S8049/50#SCK ABC	Stock/1668	PVL	1 Day	✓	~	✓		
79534	2 Mil Matte Chrome PET TC/ S8049/50#SCKABC	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	PVL	4 Days	✓	~	✓		
	SUK ABU	Stock/1668	PVL	1 Day			$\checkmark$		
Overlamina	ates				-				
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							
11041	1 WIII Clear PET 10/36020/40# BG	Ready Width™ 12/5000	PVL	1 Day					
Products c	designed to be tamper evident								
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	~	~			
Labels des	signed to adhere to silicone or silicone-	treated surfaces							
*79438	1.5 Mil White PET TC/S8092/3 Mil PET	Single Roll/850	PVL	1 Day					

PVL=Painesville, OH NEE=Neenah, WI  $\checkmark$  = Performs on designated substrates

### **Durable Label Materials**

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	Stock	PTC	5 days

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

# Select Solutions<sup>™</sup> 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

# Select Solutions<sup>™</sup> Appliance Portfolio



Functional constructions developed to perform on a variety of difficult-toadhere-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 pointof-purchase performance, while providing abrasion, tear, and moisture and environmental resistance
- Voidable film facestocks and tamperevident 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 ovens
- Trash compactors

### **Durable Label Materials**

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
		EXACT™/2500	PVL	1 Day
77844*	1 Mil Clear PET Overlaminate	EXACT™/5000	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

# Select Solutions<sup>™</sup> 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

**Durable Label Materials** 

Spec# Product Description

Print Meth	nod: Laser	
78037	3.4 Mil Lasercode DL	TC/S4600/79#CCK
	<b>BS 5609 Section 2</b> <b>BS 5609 Section 3</b> 500e	Yes Lexmark C792E, Primera CX1200, Neu
54162	2 Mil White Laser PE	T/S4600/66#PK
	BS 5609 Section 2 BS 5609 Section 3	
Print Meth	nod: Thermal Transfe	r & UV Inkjet
79572	3.7 Mil Smudgeproof	Kimdura <sup>®</sup> /S4600/50#SCK
	Black+B120 Red, Zeb SP330 Black+DC300 Zebra: Armor AXR 8 I +B324 Red Resin, Zebra: ITW CP TR594 Black+AXR600R Red Datamax: ITW CP TR5	Cab: ITW B324 Black +B324 Red Resin, ora: ITW B128 Black+B120 Red, Zebra: li ) Ruby Red, Black+AXR600R Red, Zebra: ITW B324 E 40 Black+TR5440 Red, Datamax: Armor A , Datamax: ITW B324 Black +B324 Red Re 5940 Black+TR5440 Red, Microplex: AXR for 4900 Press, Jetrion: 4950,
Print Meth	nod: Thermal Transfe	r & UV Inkjet
72197	Fasson <sup>®</sup> 4 Mil TransC	ode <sup>®</sup> /S475/50#SCK
	Zebra: ITW B128 Blad Ruby Red, Zebra: Armor AXR 8 I	Yes Zebra: DNP R300 Black+R510 Red, ck+B120 Red, Zebra: limak SP330 Black Black+AXR600R Red, Zebra: limak SP57 Red, Zebra: ITW B324 Black+B324 Red F

Zebra: ITW CP TR5940 Black+CP TR5440 Red, Zebra: Astror Black+RAE Red, Datamax: DNP R300 Black+R510 Red, Data: limak SP330 Black+DC300 Ruby Red, Datamax: Armor A Black+AXR600R Red, Data: limak SP575 Black+DC300 Ruby Datamax: ITW B324 Black +B324 Red Resin, Datamax: ITW C Black+CP TR5440 Red, Durst Tau330, Jetrion: 4000 Series for 4900 Press, Jetrion: 4950, Mark Andy One

79480 2.6 Mil Synthetic Paper/8020/50#SCK

### BS 5609 Section 2 Yes

BS 5609 Section 3 Zebra: ITW B324 Black +B324 Red Red DNP, R300 Black+R510 Red, Zebra: ITW B128 Black+B120 F Armor AXR 8, Black+AXR600R Red, Datamax: ITW B324 Black Red Resin, Datamax: Armor AXR 8 Black+AXR600R Red, Jetrion: 4000 S 4900 Press

	Width/ Length (In./Ft.)	Location	Lead Time
			Nove
	EXACT™/5000	PVL	Next Day
uraLabel			
	Stock/1668	PVL	Next Day
		PVL/FTW/	Next
	EXACT™/5000	WCT	Day
n, ITW B128 Iimak			
Black			
AXR 8 Resin, R7/600,			
			Next
	EXACT™/5000	NEE/WCT	Day
k+DC300			
75 Resin, omed RY			
AXR 8 y Red, CP TR5940			
ly Digital			
	Stock/1000	PVL	Next Day
esin, Zebra: Red, Zebra: ack +B324			
Series for			
		0	
		Cont	inued 🔶

Spec#	Product Description	Width/ Length (In./Ft.)	Location	Lead Time
Print Met	nod: Inkjet			
79348	Fasson® 5 Mil Matte Inkjet DL Kimdura®/S4600/50#SCK	EXACT™/2500	PVL	Next Day
	BS 5609 Section 2YesBS 5609 Section 3Epson C831, TMC3400, TMC3500, NeuraLabel300x			
79725	Fasson <sup>®</sup> 3.4 Mil Matte White SYN WBIJ/C2580/50#SCK BS 5609 Section 3 Epson C831, TMC3400, TMC3500	EXACT™/10000	PTC	Next Day
Print Metl	nod: Flexo			
79572	3.7 Mil Smudgeproof Kimdura <sup>®</sup> /S4600/50#SCK	EXACT <sup>™</sup> /5000	PVL/FTW/ WCT	Next Dav
	BS 5609 Section 3 Flint corona treatment: Flint Force (all colors) - No 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, Wikoff: PolyTech XR (all colors) - No Varnish			
72197	Fasson <sup>®</sup> 4 Mil TransCode <sup>®</sup> /S475/50#SCK	EXACT™/5000	NEE/WCT	Next Day
	BS 5609 Section 2 Yes BS 5609 Section 3 Flint no corona treatment: 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 Actega: Optifilm Ink (all colors) - Varnish (Flint UVF 02052), Versifilm Ink (all colors) - Varnish (UVF 02052) Wikoff: PolyTech XR (all colors) - No Varnish			
79480	2.6 Mil Synthetic Paper/8020/50#SCK	Stock/1000	PVL	Next Dav
	BS 5609 Section 2 Yes BS 5609 Section 3 Flint no corona treatment: Flint Hydrofilm Ace (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, Wikoff: PolyTech XR (all colors) - No Varnish			Day

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

# Select Solutions<sup>™</sup> Fire Extinguisher Portfolio



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 <sup>™</sup> /2500	PVL, WCT	Next Dev
		EXACT™/5000	PVL	Next Day

PVL=Painesville, OH WCT=West Coast

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

# Select Solutions<sup>™</sup> **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-toadhere-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

### **Durable Label Materials**

Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time
78385*	2 Mil White PET TC/S8001/50#SCK	EXACT <sup>™</sup> /5000	NEE	Next Day
78387*	2 Mil Chrome PET TC/S8001/50#SCK	EXACT <sup>™</sup> /5000	NEE	Next Day
		EXACT™/2500	PVL, WCT	Next Day
77844*	1 Mil Clear PET Overlam	EXACT™/2500	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 <sup>™</sup> /5000	NEE	Next Day
79648*	4 Mil Vinyl TCD/S8025/50#SCK	Stock 54/1668	PVL	Next Day
18328	60# Semi-Gloss Elite™/B5195/40#SCK	EXACT <sup>™</sup> /5000	QTN, NEE, PTC,	Next Day
10320	00# Setti-Giuss Eille /RS195/40#SOK	EXACT™/10000	FTW, WCT	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<sup>®</sup>-recognized

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

# Select Solutions<sup>™</sup> 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

#### **Durable Label Materials**

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/S800150#SCK	EXACT™/5000	NEE	Next Day
78668	Fasson <sup>®</sup> 2 Mil Matte Chrome PET ITC/ S8025/50#SCK	Custom Coat/5000	FTW	4 Days
78670	Fasson <sup>®</sup> 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 <sup>®</sup> 1 Mil Clear PRT PET/S8020/40#BG Overlaminate	EXACT™/2500	NEE/PVL	Next Day
79325	Fasson <sup>®</sup> 1 Mil Clear UV PET/S3000/1 Mil PET Overlaminate	Stock 60/1668	PVL	Next Day
77843	Fasson <sup>®</sup> 1 Mil Matte PET/S8020/40#BG Overlaminate	Stock 60/1668	PVL	Next Day

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

# Select Solutions<sup>™</sup> Overlaminates Portfolio



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

### Portfolio Characteristics

- UL<sup>®</sup>-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

### **Durable Label Materials**

Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time
75859	Fasson <sup>®</sup> 3 Mil Velvet Lexan <sup>®</sup> /S730/1.5 Mil PET	EXACT <sup>™</sup> /1700	NEE	Next Day
75850	Fasson <sup>®</sup> 5 Mil Velvet Lexan <sup>®</sup> /S730/1.5 Mil PET	EXACT <sup>™</sup> /1700	NEE	Next Day
77955	Fasson® 1 Mil Clear Print-Treated Polyester/S8020/1 Mil PET	EXACT™/2500	NEE	Next Day
77842	Fasson <sup>®</sup> 1 Mil Clear TC Polyester/S8020/1 Mil PET	60/1668	NEE, PVL	1-2 Days
77044		EXACT™/2500	PVL, WCT	Next Day
77844	Fasson® 1 Mil Clear Print-Treated Polyester/S8020/40#BG	EXACT™/5000	PVL	Next Day
77843	Fasson® 1 Mil Matte Polyester/S8020/40#BG	60/1668	PVL	1-2 Days
		Ready Width™ 6/5000	PVL	1-2 Days
77841	Fasson® 1 Mil Clear TC Polyester/S8020/40#BG	Ready Width <sup>™</sup> 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 <sup>®</sup> 1 Mil Clear UV PET/S3000/1 Mil PET	60/1668	PVL	1-2 Days
77855	Fasson <sup>®</sup> 1 Mil Clear TC Polyester/S730/1 Mil PET	EXACT™/5000	NEE	Next Day

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

# Select Solutions<sup>™</sup> Outdoor Overlaminates Portfolio



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

### **Portfolio Characteristics**

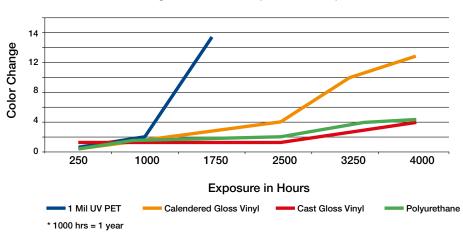
- Enhanced durability, superior conformability excellent abrasion resistance for applications which require two-, three-, or even five-year durability
- Testing has been conducted on all elements of the label construction including inks, overlaminates and base label material to ensure performance

### Applications

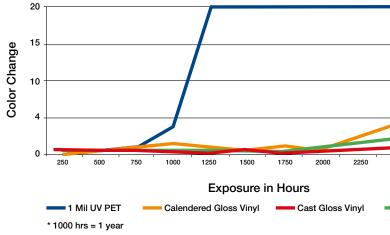
 Harsh environments and tough outdoor exposures to items, such as: heat, cold, rain, snow, chemicals, lubricating oils or gasoline **Durable Label Materials** 

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

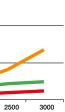
### PVL=Painesville, OH



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



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



Polyurethane

### **Durable Label Materials**

Select Solutio	ns <sup>™</sup> 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 <sup>®</sup> 2 Mil White PET TC/S8049/50#SCK	Stock 54/1668	PVL	Next Day
77920	Fasson <sup>®</sup> 2 Mil White PET TC/S8025/50#SCK	EXACT™/5000	NEE	Next Day
78385	Fasson <sup>®</sup> 2 Mil White PET TC/S8001/50#SCK	EXACT™/5000	NEE	Next Day
77922	Fasson <sup>®</sup> 2 Mil Matte Chrome PET TC/S8025/50#SCK	EXACT <sup>™</sup> /5000	FTW	4 Days
78403	Fasson <sup>®</sup> 2.3 Mil White BOPP TC/S8001/50#SCK	EXACT™/5000	NEE	Next Day
79404	Fasson <sup>®</sup> 3.0 Mil SYN PAPER WBIJ/S8001/50# SCK	EXACT™/2500	PVL	Next Day
79653	Fasson <sup>®</sup> 2 Mil White PET TC/S8049/EZ Liner	Stock 55/2500	PVL	5 Days
79651	Fasson <sup>®</sup> 4 Mil White Vinyl/S8025/EZ Liner	Stock 55/2500	PVL	5 Days
79246	Fasson <sup>®</sup> 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 <sup>™</sup> /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 Overlaminate	Stock 60/1668	PVL	Next Day
77843	Fasson® 1 Mil Matte PET/S8020/40#BG Overlaminate	Stock 60/1668	PVL	Next Day

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

# Select Solutions<sup>™</sup> Fas-Flex<sup>™</sup> Plate Mounting Tapes Portfolio



Simple, easy and direct for Narrow Web Flexographic Printing

### **Portfolio Characteristics**

- Excellent image quality for print designs from solids to fine lines and screens
- Easy to reposition during the mounting process
- Removes cleanly from both plates and cylinders with little to no adhesive residue
- Consistent tolerance and dimensional stability helps to reduce uncontrolled dot gain
- Allows for minimal vibration, gear chatter and bouncing at high press speeds

#### Applications

- Flexographic presses

Fas-Flex

Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time
57708	Fas-Flex <sup>™</sup> 8615S	Slit to width/75	PVL	2 Days*
57709	Fas-Flex <sup>™</sup> 8615M	Slit to width/75	PVL	2 Days*
57710	Fas-Flex <sup>™</sup> 8615H	Slit to width/75	PVL	2 Days*

\*Order Note: All orders placed by 3:00 P.M. EST will ship within 48 hours. All orders ship UPS 2 Day. PVL=Painesville, OH



# Select Solutions<sup>™</sup> Food 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

<u>Dissolvable / Removable</u>
 Inventory labels
 Container date code labels
 Days of the week labels
 Use by labels

**Food Rotation** 

Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time
15666 Dissolvable PPR SC/S2600/40#SCK		45/1668	PVL	Next Day
		Ready Width™ 15.5/5000	DAL	Next Day
	Ready Width™ 13/5000	DAL	Next Day	
		Ready Width <sup>™</sup> 9/5000	DAL	Next Day
53537	DT DISLV PPR/S2600/40#SCK	45/1668	PVL	Next Day

For removables products go to our removable guide on page 78 PVL=Painesville, OH DAL=Dallas, TX

# Select Solutions<sup>™</sup> Rapid Roll<sup>®</sup> Flexible Packaging Portfolio



Flexible film packaging solutions for on-the-go convenience and singleuse portions

### **Portfolio Characteristics**

- Rapid-Roll FlexPak<sup>™</sup> Portfolio features both film-faced and paperfaced pouch materials
- High-barrier sealant films keep contents safely inside
- Select from single-ply to multi-ply lamination combinations to best fit your needs
- Converting and co-packer education and testing available
- High-impact graphic capability for maximum branding and shelf appeal
- Visit label.averydennison.com/rapidroll for the complete flexible packaging portfolio offering

### Applications

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

Spec#	Product Description	Location	Lead Time
54025	ChemControl Ultra	NEE	Next Day
54026	ChemControl Ultra Plus	NEE	Next Day
79537	ChemControl Premium Ultra	NEE	Next Day
79340	White StickPak LDPE 280 HB	NEE	Next Day
78432	White StickPak Metallocene 300 HB	NEE	Next Day
78831	Silver StickPak Metallocene 300 HB	NEE	Next Day
79343	White StickPak Surlyn <sup>®</sup> 280 HB	WCT	Next Day
79344	Silver StickPak Surlyn <sup>®</sup> 280 HB	NEE	Next Day
79778	Easy Open WH Cello StickPak Surlyn®	NEE	Next Day
79345	Easy Open WH OPS StickPak Surlyn <sup>®</sup> Co-Ex 300 HB	NEE	Next Day

NEE= Neenah, WI WCT=West Coast

# Select Solutions<sup>™</sup> 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





Applications: Damp Conditions (deli meats)

Adhesive:

• R3500

• R3525 - 25% higher peel than R3500

Applications: High Moisture Conditions (wet wipes, cleaning pads, facial wipes) Adhesive: R1490 – High-Performance, Approved for Direct Food Contact

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 <sup>®</sup> 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 <sup>®</sup> 2 Mil MET BOPP TC/R3400/1.2 Mil PET	60/1668	PVL	4 Days
78149	Fasson® 2.3 Mil White BOPP TC/R3500/40#SCK	EXACT™/5000	PVL	Next Day
78148	Fasson <sup>®</sup> 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 <sup>®</sup> 2 Mil Clear BOPP TC/R3500/1.2 Mil PET	EXACT™/15000	PVL	Next Day
79625	Fasson <sup>®</sup> 2 Mil CL BOPP TC/R3525/1.2 Mil PET	60/1668	PVL	4 Days
78826	Fasson <sup>®</sup> 2 Mil Clear BOPP TC/R1490/1.2 Mil PET	60/1000	PVL	7 Days
10020	Fasson" 2 IVIII Clear DOFF TC/R 1490/ 1.2 IVIII FET	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 <sup>®</sup> 2.3 Mil White BOPP TC/R143/1.2 Mil PET	60/1000	PVL	Next Day
78578	Fasson® 2 Mil Clear BOPP TC/R143/1.2 Mil PET	54/1668	NEE	Next Day
10010	Fasson <sup>-</sup> 2 IVIII Olear DOFF TO/R143/1.2 IVIII PET	60/1000	PVL	7 Days
79846	Fasson <sup>®</sup> 1 MIL CL PET/R1490/80G HEAT SEAL New!	60/1668	PVL	Next Day

NEE = Neenah, WI PVL = Painesville, OH

	» Easy Peel Back » Low Odor » Meets FDA 175.105 requirements
	<ul> <li>» Economical Alternative</li> <li>» Good Initial Tack</li> <li>» More "grab" than R3400</li> <li>» Low Odor</li> <li>» Meets FDA 175.105 requirements</li> </ul>
5	<ul> <li>» Stable, Smooth Peel Back</li> <li>» Low Odor</li> <li>» Excellent Adhesion Rebuild</li> <li>» Broad Substrate Performance</li> <li>» NEW FCN 1716 Direct Food Contact and Reheating of Prepared Food Compliant Read more about our new heat sealable reclosure solution in the Innovation Feature on page 18</li> </ul>

# Select Solutions<sup>™</sup> Intelligent Label Portfolio



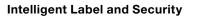
Solutions for an intelligent, connected and interactive world

### **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
- Transportation
- 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-160		2.36 x 0.16 in 60 x 4 mm	U7	<ul><li>Cosmetics and item-level retail</li><li>Personal care products</li></ul>
AD-172		0.87 x 0.49 in 22 x 12.5 mm	U7	<ul> <li>Jewelry</li> <li>Supply chain, inventory and logistic</li> </ul>
AD-180		1.02 in Diameter 26 mm Diameter	U7	- Cosmetics and item-level retail
AD-226	∞− <del>2</del> 5−−	3.74 x 0.32 in 95 x 8.15 mm	G2iM	<ul> <li>Apparel and item-level retail</li> <li>Supply chain, inventory and logistic</li> <li>Returnable transport units (RTUs)</li> </ul>
AD-229		3.74 x 0.32 in 95 x 8.15 mm	R6/R6-P	<ul> <li>Supply chain, inventory and logistic</li> <li>Apparel and item-level retail</li> <li>Returnable transport units (RTUs)</li> </ul>
AD-237		2.76 x 0.57 in 70 x 14.5 mm	R6/R6-P	<ul> <li>Supply chain, inventory and logistic</li> <li>Apparel</li> <li>Home essentials</li> </ul>
AD-238		2.76 x 0.57 in 70 x 14.5 mm	U8	<ul> <li>Supply chain, inventory and logistic</li> <li>Apparel</li> <li>Home essentials</li> </ul>
AD-301		1.18 x 0.59 in 30 x 15 mm	R6/R6-P	<ul> <li>Children accessories</li> <li>Fashion jewelry and sunglasses</li> <li>Pharmaceutical and healthcare</li> </ul>
AD-321		1.63 x 0.63 in 41.4 x 16 mm	R6/R6-P	<ul> <li>Apparel and item-level retail</li> <li>Supply chain, inventory and logistic</li> <li>Pharmaceutical and healthcare</li> </ul>
AD-324		1.63 x 0.63 in 41.4 x 16 mm	U8	<ul> <li>Supply chain, inventory and logistic</li> <li>Apparel and item-level retail</li> <li>Pharmaceutical and healthcare</li> </ul>
AD-370		0.75 x 2.09 in 53 x 19 mm	U7	<ul> <li>Apparel and item-level retail</li> <li>*Also available in narrow-edge leading format</li> </ul>

Continued  $\rightarrow$ 

Intelligent	Label	and	Security
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	86	UI 0-960 MHz, ISC	HF RFID INLA D 18000-6C, E		n 2
Name	Design		Size	Chip	Applications
AD-383	F		97 x 1.18 in 0 x 30 mm	U7 -	<ul> <li>Apparel and other item-level retail</li> <li>Supply chain, inventory and logistics</li> <li>Library, media, documents and files</li> </ul>
AD-384	lej.		97 x 1.18 in 0 x 30 mm	R6/R6-P -	<ul> <li>Apparel and other item-level retail</li> <li>Supply chain, inventory and logistics</li> <li>Home essentials</li> </ul>
AD-550	5		.5 x 2.99 in 8 x 76 mm	1/1/2	Supply chain, inventory and logistics Aviation
AD-661				R6/R6-P	Automotive
AD-662			- 55 x 0.75 in 0 x 19 mm		<ul> <li>Personal ID badges</li> <li>Glass</li> </ul>
AD-663		9	0 x 19 mm _	U7XM/ U7XM+	Race timing
AD-680	ς		97 x 1.97 in 0 x 50 mm	R6/R6-P -	Supply chain management Package tracking Asset tracking
AD-681	Ó		97 x 1.97 in 0 x 50 mm	T M4Q	Supply chain management Package tracking Asset tracking
AD-806	s.		63 x 0.63 in 6 x 16 mm	117	Healthcare and item-level Supply chain, inventory and logistics
			IF RFID INLAY SO-15693, 180		
Name	Design	Size	Chip	User Memory	Applications
AD-709x		1.85 x 1.85 in 47 x 47 mm	NXP ICODE SLIX	896 bit EEPROM Read/Write	- Library, media, documents and files
AD-714x		1.77 x 3 in 45 x 76 mm	NXP ICODE SLIX	896 bit EEPROM Read/Write	<ul> <li>Contactless cards and tickets</li> <li>Library, media, documents and files</li> </ul>
D-730x		1.22 x .55 in 31 x 14 mm	NXP ICODE SLIX	896 bit EEPROM Read/Write	- Pharmaceutical and healthcare

NFC RFID INLAYS 13.56 MHz, ISO-14443, Type A					
Name	Design	Size	Chip	Memory	Applications
AD-721		0.827 in (diameter) 21 mm (diameter)	NXP NTAG213	144 bytes Read/Write	<ul> <li>Retail environment</li> <li>Print media</li> <li>Miscellaneous applications</li> </ul>
AD-740		1.50 x 0.89 in 38 x 22.5 mm	NXP	384 bit Read/Write	<ul> <li>Retail environment</li> <li>Print media</li> <li>Miscellaneous applications</li> </ul>
AD-750	<b>-</b> ··	0.709 x 0.315 in 18 x 8 mm	NXP	144 bytes Read/Write	<ul> <li>Retail environment</li> <li>Print media</li> <li>Miscellaneous applications</li> </ul>

Ask your Avery Dennison Sales Representative or visit 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.

# Select Solutions<sup>™</sup> 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
Tamper	Evident Paper			
19348	Fasson® Tamper Resistant Litho/S814/40#SCK	EXACT™/5000	PVL	Next Day
53581	Fasson® Tamper-Resistant Litho/S8015/1.2 Mil PET	60/2500	PVL	4 Days
Void				
78194	Fasson® 2 Mil White Void Polyester TC/S8015W/50#SCK	EXACT™/1668	NEE	Next Day
78195	Fasson <sup>®</sup> 2 Mil Silver Void Polyester TC/S8015/50#SCK	EXACT™/1668	NEE	Next Day
78196	Fasson <sup>®</sup> 2 Mil Matte Chrome Void Polyester TC/ S8015/50#SCK	54/1000	PVL	4 Days
Frangibl	e Film			
79449	Fasson <sup>®</sup> 2 Mil Tamperfas <sup>™</sup> 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
SharpTe	ar™			
77964	Fasson® 3 Mil Clear MDO/S692N/1.2 Mil PET	EXACT™/10000	QTN	Next Day
77980	Fasson <sup>®</sup> 3 Mil White MDO/S692N/1.2 Mil PET	EXACT™10000	NEE	Next Day

NEE= Neenah, WI PVL=Painesville, OH QTN=Quakertown, PA

### Select Solutions<sup>™</sup> 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

- <u>Promotional</u>
   Fluorescent labels, discount or other promotional labels
- Inventory management
- WIP labels or Quality Accepted labels

#### Promotion

Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time
00940	ReDeem-a-LBL/S246/40#SCK	30/1500	PTC	4 Days
15284	Chart Fluor/C2500/40#SCK	EXACT™/5000	PTC	Next Day
15283	Green Fluor/C2500/40#CK	EXACT™/5000	PTC	Next Day
15282	Orange Fluor/C2500/40#CK	EXACT™/5000	FTW, PTC	Next Day
15285	Pink Fluor/C2500/40#SCK	EXACT™/2500	PTC	Next Day
15265	PILIK FILLOF/C2300/40#SCK	60/1668	TOR	Next Day
15281	Red Fluor Alt/ C2500/40#CK	EXACT™/5000	FTW, WCT, PTC	Next Day
03222	Green Fluor/S246/40#SCK	30/1500	PTC	4 Days
02923	Orange Fluor/S246/40#SCK	30/1500	PTC	4 Days
03145	Red Fluor/S246/40#SCK	30/1500	PTC	4 Days
08923	Chart Fluor/R195/40#SCK	60/1000	PVL	Next Day
07933	Green Fluor/R195/40#SCK	60/4200	PVL	4 Days
07932	Orange Fluor/R195/40#SCK	60/1668	PVL	Next Day
08922	Pink Fluor/R195/40#SCK	60/1000	PVL	Next Day
03929	Chart Fluor/R128/40#SCK	30/1500	PTC	4 Days
02822	Green Fluor/R128/40#SCK	30/1500	PTC	4 Days
02536	Orange Fluor/R128/40#SCK	30/1500	PTC	4 Days
02665	Red Fluor/R128/40#SCK	30/1500	PTC	4 Days

#### For the removables products go to our removable guide on page xx

FTW= Fort Wayne, IN PVL=Painesville, OH PTC=Peachtree City, GA WCT = West Coast TOR=Toronto, ON, Canada

# Select Solutions<sup>™</sup> 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

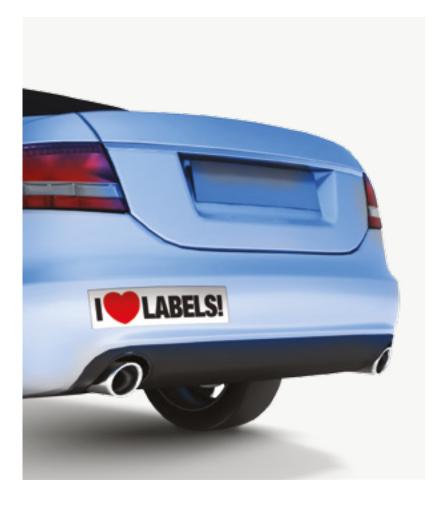
#### Applications

- 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<sup>™</sup> 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

#### Promotion

Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time
18392	60# Archival Semi-Gloss/S490/40#LF	EXACT <sup>™</sup> /10000	FTW	Next Day
18559	60# Archival Semi-Gloss/R5195/40#LF	13/10000	FTW	Next Day
10009	00# Archival Semi-Gloss/R3193/40#LF	Ready Width™	FTW	Next Day
54116	54# Semi-Gloss FSC <sup>®</sup> /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 <sup>™</sup> Silver/S490/69#MF	60/2500	PVL	4 Days
53676	MaxFlex <sup>™</sup> Silver/R195/65#MF	60/1668	PVL	9 Days

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

Removables

Paper



### Select Solutions<sup>™</sup> 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**

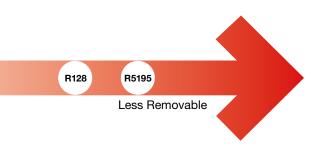
- More than 40 label constructions featuring nine adhesives that include technologies such as microsphere, solvent acrylic, emulsion acrylic and hot melt rubber
- Designed to perform in specific applications on various substrates, such as: plastic, glass, metal and paper

#### Applications

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

### **Removable Adhesives for Paper Components**

General Pu	irpose
R5195	General purpose removable adhesive featuring moderate initial consistent level of adhesion and long-term removability make and plastics. Proven successful for shelf and tote marking use
Application	n Solution
UR3	Ultra-removable microsphere adhesive, featuring a consistent and repositionability across a wide variety of substrates. Fass reseal characteristics that provide consistent, secure position
LP1000	Ultra removable adhesive, featuring long-term, clean removable economical solution for various opportunities. Designed to of characteristics. Particularly suited for applications like: retail in progress, point of sale promotions, newspapers, promotional
R423/ R5423	Removable, low peel adhesive featuring long-term removability Particularly suited for wallpaper promotional labels, high gloss solution for Monroney labels.
R128	Removable rubber-based adhesive with high initial tack, interr recommended where clean removability is of primary importa including glass, metal, plastic and others.



itial tack and minimal adhesion build over time. Its e it suitable for applications on substrates such as glass sed in logistical tracking.

nt level of adhesion, as well as long term removability son<sup>®</sup> UR3 remains removable for months with peel and ning and clean removability.

bility across wide variety of substrates. It offers offer smooth peel and excellent die cutting and stripping nformation labels, inventory management or work-inal labels, books, housewares, credit cards or glass.

ity, and excellent die cutting and stripping characteristics. s book covers and shelf marking. R5423 is an excellent

rnal strength and stable adhesion. R128 is tance. Adhesive can be used on a variety of substrates

Dor	Paper Adhesive Technology			Removable		
Гdl			LP1000	R423	R128	R5195
			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
	Polypropylene (PP)					
Plastic	Polyethylene - High Density (HDPE)					
	Polyethylene Terephthalate (PET)					
	Polyethylene Coated					
Glass	Window (annealed)					
	Automotive (tempered)					
	Powder Coated (smooth PET)					
Metal	Painted (alkyd enamel)					
	Stainless Steel					
	Recycled Corrugated					
Paper	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
R5195				
18303	Fasson® Laser Copy™ Jet/R5195/45#LF	EXACT™/10000	FTW	Next Day
18327	Fasson <sup>®</sup> Trans-Therm <sup>®</sup> 1C/R5195/40#CK	EXACT™/10000	FTW, DAL, SEA	Next Day
18328	Fasson <sup>®</sup> 60# Semi-Gloss Elite <sup>™</sup> /R5195/40#SCK	EXACT™/5000	FTW, QTN, PTC, NEE, WCT	Next Day
		EXACT™/10000	SEA	Next Day
18329	Fasson <sup>®</sup> 50# DSX <sup>™</sup> /R5195/50#CK	EXACT <sup>™</sup> /10000	FTW	Next Day
18444	Fasson <sup>®</sup> Matte Litho/R5195/40#SCK	EXACT™/2500	FTW	Next Day
18445	Fasson <sup>®</sup> 60# Cast Gloss/R5195/40#SCK	EXACT™/10000	FTW	Next Day
18558	Fasson <sup>®</sup> DT200GP/R5195/40#CK	EXACT <sup>™</sup> /10000 EXACT <sup>™</sup> /15000	FTW, MTL	Next Day
18559	Fasson <sup>®</sup> 60# Archival Semi-Gloss/R5195/40#LF	78/1668 Ready Width™ 13/10000	FTW	Next Day
18685	Fasson® DT200HD Plus/R5195/40#CK	EX- ACT™/5000/10000	FTW	Next Day
54116	Fasson <sup>®</sup> 54# Semi-Gloss FSC <sup>®</sup> /R5195/46#LF	EXACT™/15000	NEE	Next Day
UR3				
53421	Fasson <sup>®</sup> High Gloss Plus/UR3/40#SCK	EXACT <sup>™</sup> /5000	PVL	Next Day
53432	Fasson <sup>®</sup> Trans-Therm <sup>®</sup> /UR3/40#SCK	EXACT™/5000	PVL	Next Day
LP1000				
54148	Fasson <sup>®</sup> DT 200HD FSC/LP1000/40#SCK	EXACT™/5000	PVL	Next Day
54149	Fasson <sup>®</sup> 60# Semi-Gloss /LP1000/40#SCK	EXACT™/5000	PVL	Next Day
R423/R5	423			
19714	Fasson <sup>®</sup> Semi-Gloss Elite <sup>™</sup> /R423/40#SCK	60/1668	PVL	Next Day
96546	Fasson <sup>®</sup> 60# Cast Gloss/R423/40#SCK	60/1668	PVL	Next Day
98203	Fasson <sup>®</sup> Trans-Therm <sup>®</sup> 1C/R423/40#SCK	60/1668	PVL	Next Day
18345	Fasson <sup>®</sup> Standard Laser-Rite <sup>™</sup> /Std R5423/50#MF	EXACT™/10000	FTW	Next Day
53763	Fasson <sup>®</sup> Durable Laser-Rite <sup>™</sup> FSC <sup>®</sup> / R5423/50#MF	EXACT <sup>™</sup> /5000	FTW	Next Day

### **Paper Products and Service Programs**

Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time
R128				
01991	Fasson <sup>®</sup> 50# DSX™/R128/50#SCK	30/1500	PTC	4 Days
07607	Fasson <sup>®</sup> High Gloss Plus/R128/40#SCK	60/1550	PTC	Next Day
07719	Fasson <sup>®</sup> High Gloss Plus/R128/50#SCK	30/1550	PTC	4 Days
15931	Fasson <sup>®</sup> Semi-Gloss Elite <sup>™</sup> /R128/40#SCK	30/1500	PTC	4 Days
96088	Fasson <sup>®</sup> Trans-Therm <sup>®</sup> 1C/R128/40#SCK	30/1667	PTC	6 Days
96174	Fasson <sup>®</sup> Trans-Therm <sup>®</sup> 2C/R128/40#SCK	30/1500	PTC	4 Days
19342	Fasson <sup>®</sup> Trans-Therm <sup>®</sup> 1C FasCover™ 2/R128/40#SCK	30/1500	PTC	4 Days
13645	Fasson <sup>®</sup> FasPrism <sup>™</sup> Iridescent/R128/40#SCK	30/1500	PTC	4 Days

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**

General P	urpose
R3500	Specially formulated acrylic adhesive designed for ease of re good peel performance. Suitable for many general-purpose
Applicatio	n Solution
R143	Specially formulated acrylic removable adhesive with versatil durables, electronics assembly labeling and reclosures.
R1490	Specially formulated low odor acrylic adhesive with clean rer Smooth peel from flow-wraps, olefins and other plastics. Sui
R300	Ultra removable clear adhesive, suitable in applications requi CD/DVD security labeling, oil change labels, housewares an
R3400	Removable adhesive featuring moderate initial tack and mini of adhesion and long-term removability across a variety of su and multi-use labels. Suitable for wide range of substrates a
R3525	Specially formulated acrylic adhesive designed for ease of re good peel performance. Suitable for many general-purpose



removability from plastic packaging while maintaining e applications.

tile performance properties. Specific applications include

emovability properties and a smooth, low noise peel. Juitable for reclosure applications.

uiring long-term removability. Particularly well suited for nd glass.

nimal adhesion build over time. It offers a consistent level substrates. An excellent choice for resealable packaging and applications.

removability from plastic packaging while maintaining e applications.

Film		Removable					
		R300	R3500	R3525	R3400	R1490	R143
	Adhesive Technology		Emulsio	n Acrylic		Solvent	t Acrylic
Ν	/inimum 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
	Polypropylene (PP)						
Plastic	Polyethylene - High Density (HDPE)						
	Polyethylene terephthalate (PET)						
	Polyethylene coated						
Glass	Window (annealed)						
	Automotive (tempered)						
	Powder coated (smooth PET)						
Metal	Painted (alkyd enamel)						
	Stainless Steel						
	Recycled Corrugated						
Paper	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

### Removables

### **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
R3500				
77461	Fasson <sup>®</sup> 2.3 Mil White BOPP TC/R3500/1.2 Mil PET	EXACT™/10000	NEE	Next Day
77462	Fasson <sup>®</sup> 2 Mil Clear BOPP TC/R3500/1.2 Mil PET	EXACT™/15000	NEE	Next Day
78148	Fasson <sup>®</sup> 2 Mil Clear BOPP TC/R3500/40#SCK	EXACT™/5000	NEE	Next Day
78149	Fasson <sup>®</sup> 2.3 Mil White BOPP TC/R3500/40#SCK	EXACT™/5000	PVL	Next Day
R143				
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 <sup>®</sup> 2 Mil Clear BOPP TC/R143/1.2 Mil PET	60/1000	PVL	Next Day
77652	Fasson <sup>®</sup> 2.3 Mil White BOPP TC/R143/1.2 Mil PET	54/2500	PVL	5 Days
R1490				
79008	Fasson <sup>®</sup> 2.3 Mil White BOPP TC/R1490/1.2 Mil PET	60/1000	PVL	7 Days
R300				
75150	Fasson <sup>®</sup> 2 Mil Clear BOPP TC/R300/1 Mil PET	60/1668	PVL	Next Day
77563	Fasson <sup>®</sup> 2.6 Mil White BOPP TC/R300/40#BG	EXACT™/5000	PVL	Next Day
R3400				
78201	Fasson <sup>®</sup> 2 Mil Clear BOPP TC/R3400/40#BG	60/1668	PVL	Next Day
78632	Fasson <sup>®</sup> 2.3 Mil White BOPP TC/R3400/1.2 Mil PET	60/1668	PVL	Next Day
78860	Fasson <sup>®</sup> 2 Mil Clear BOPP TC/R3400/1 Mil PET	60/1668	PVL	Next Day
R3525				
79625	Fasson <sup>®</sup> 2 Mil CL BOPP TC/R3525/1.2 Mil PET	60/1668	PVL	4 Days

PVL=Painesville, OH NEE=Neenah, WI

# Select Solutions<sup>™</sup> **Apparel Portfolio**



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

#### **Portfolio Characteristics**

- A range of clear, white and naturallooking 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

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

	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

\*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 <sup>®</sup> White/R120/50#BRN	60/4167	PVL	5 Days
79712	TransCode <sup>®</sup> White II/R120/50#SCK	54/2500	PVL	4 Days
79713	TransCode <sup>®</sup> Clear/R120/50#BRN	60/1668	PVL	Next Day
79714	TransCode <sup>®</sup> + 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 <sup>®</sup> White II/S4900/50#	60/2500	PVL	Next Day
75616	TransCode <sup>®</sup> + Clear/S4900/50#BRN	EXACT™/7500	PVL	Next Day
74106	TransCode <sup>®</sup> Clear II/S4600/50#BRN	60/1668	PVL	5 Days
75233	TransCode <sup>®</sup> White/S4600/50#BRN	60/4200	PVL	7 Days
79576	TransCode <sup>®</sup> + White/S692N/50#BRN	60/2500	PVL	4 Days
79575	TransCode <sup>®</sup> + Clear/S692N/50#BRN	60/2500	PVL	4 Days
79578	TransCode <sup>®</sup> + White/AT20/50#BRN	60/2500	PVL	4 Days
79577	TransCode <sup>®</sup> + Clear/AT20/50#BRN	60/2500	PVL	4 Days

FTW=Fort Wayne, IN PVL=Painesville, OH

Recommended - Lower Peel

Not Recommended

# Select Solutions<sup>™</sup> 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

**Retail and Shelf** 

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 <sup>®</sup> /AT20A/40#SCK	EXACT <sup>™</sup> /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

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

# Select Solutions<sup>™</sup> 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

### **Retail and Shelf**

Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time
77410	2 Mil Metallized BOPP TC/S2300/1.5 Mil PET	54/1000	PVL	4 Days
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<sup>™</sup> 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

- Standout labels
- Home and personal care
- Security labels
- Wine and spirits
- Flexible packaging
- Food

	Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time
	78976	2 Mil Powder PET/S692N/50#SCK	39/1000	PVL	4 Days
ns	78973	2 Mil Sparkles PET/S692N/50#SCK	39/1000	PVL	4 Days
: Films	78971	2 Mil Crystals PET/S692N/50#SCK	39/1000	PVL	4 Days
phic	79016	2 Mil Rainbow OPP/S692N/40#SCK	EXACT™/5000	PVL	Next Day
Holographic	79072	2 Mil Crystal OPP/S692N/40#BG	54/1000	PVL	4 Days
Hold	79079	2 Mil Rainbow ITC/S692N/50#SCK	13/5000	FTW	7 Days
	79579	2 Mil Rainbow Seamless PET/S692N/50#SCK	30/2500	PVL	4 Days
	02391	Fasson <sup>®</sup> FasPrism <sup>™</sup> Iridesc/S246/40#SCK	EXACT™/5000	PTC	Next Day
ers	08753	Fasson <sup>®</sup> FasPrism <sup>™</sup> Shear/S246/40#SC	30/1500	PTC	4 Days
Papers	10938	Fasson <sup>®</sup> FasPrism <sup>™</sup> Ice/S246/40#SCK	30/1500	PTC	4 Days
	12071	Fasson <sup>®</sup> FasPrism <sup>™</sup> Glitter + II/S246/40#SCK	30/1500	PTC	4 Days
Holographic	53786	Fasson® FasPrism <sup>™</sup> Rainbow Seamless/ S246/40#SCK	30/1500	PTC	4 Days
Ы	13645	Fasson <sup>®</sup> FasPrism <sup>™</sup> Iridesc/R128/40#SCK	30/1500	PTC	4 Days
	19437	Fasson <sup>®</sup> Inverted-Face FasPrism <sup>™</sup> /S246/44#PK	30/1500	PTC	4 Days

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

# Select Solutions<sup>™</sup> 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

#### **Retail and Shelf**

Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time
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, WCT	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 WCT=West Coast



# Select Solutions<sup>™</sup> 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

**Retail and Shelf** 

Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Tim	
74796	Fasson <sup>®</sup> 2.5 Mil Matte Clear Valtuff <sup>®</sup> /S3000/3 Mil Clear Polyester/S3000/44#PK	54/2500	PVL	5 Days	
78428	Fasson <sup>®</sup> 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 <sup>®</sup> PRIMAX <sup>®</sup> 250/S1000/1.5 Mil Polyester/ S1000/40#SCK	60/2500	PVL	5 Days	
10070	Fasson® 50# DSX™ PB/S2501/40#SCK/S2501/50#SCK	Ready Width <sup>™</sup> 6.5/10000	- FTW	Next De	
13373	Fasson® 50# DSX PB/S2501/40#SCK/S2501/50#SCK	Ready Width <sup>™</sup> 9.25/10000	- FIVV	Next Da	
10100		78/1668	FTW WCT	Next De	
16120	Fasson® Trans-Therm® 1C/S2501/40#SCK/40#SCK	EXACT™/5000	FTW	Next Day	
		78/1668	FTW		
	Fasson® 60# Semi-Gloss Elite™/S2501/40#SCK/ S2501/40#SCK	Ready Width™ 6/5000	FTW	Next Day	
15485		Ready Width <sup>™</sup> 9.75/5000	FTW		
		Ready Width™ 13/5000	FTW		
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 <sup>®</sup> 60# Semi-Gloss Elite™/S2501/40#SCK/	78/1668	FTW	Novt Do	
10484	S2501/50#SCK	Ready Width <sup>™</sup> 6.5/5000	FTW	- Next Day	
15219	Fasson <sup>®</sup> Direct-Therm 300HD/AT20/40#SCK/40#SCK	60/4167	PVL	5 Days	
17574	Fasson <sup>®</sup> 50#DSX/AT20/Image Liner/AT20/50#SCK	60/2500	PVL	5 Days	

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

## Select Solutions<sup>™</sup> 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 Transfer Tapes and adhesives
- Offered in 7.5", 10" and 15" rolls; must order full master of desired slit width
- .25" of ungummed area on each roll facilitates handling

#### Applications

- RFID application for logistics and transport
- Food and retail 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

# Select Solutions<sup>™</sup> 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

Wine, Spirits and Craft Beer

	Unc	oated Papers		
Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time
19993	Fasson <sup>®</sup> 60# Uncoated Litho Wet-Strength FSC <sup>®</sup> /AT20N/1.2 Mil PET	EXACT™60/10000	FTW, WCT	Next Day
19995	Fasson <sup>®</sup> 60# Uncoated Litho Wet-Strength FSC <sup>®</sup> /S100R/1.2 Mil PET	EXACT™60/10000	WCT	Next Day
53330	Fasson <sup>®</sup> 60# Uncoated Litho Wet-Strength FSC <sup>®</sup> /Z3338/1.2 Mil PET	60/10000	FTW	5 Days
54104	Fasson <sup>®</sup> 60# Uncoated Litho Wet-Strength FSC®/Z1010/1.2 Mil PET	60/5000	PFF	10 Days
10000	Fasson <sup>®</sup> 60# Estate Label <sup>®</sup> No. 4	60/1668	FTW, SEA	Next Day
19639	Wet-Strength FSC <sup>®</sup> /S100R/1.2 Mil PET	60/5000	SEA	Next Day
19651	Fasson <sup>®</sup> 60# Estate Label <sup>®</sup> No. 4 Wet-Strength FSC <sup>®</sup> /AT20N/1.2 Mil PET	60/1668	FTW, WCT	Next Day
54142	Fasson <sup>®</sup> 60# Estate Label <sup>®</sup> No. 4 Wet-Strength FSC <sup>®</sup> /Z1010/1.2 Mil PET	EXACT™60/5000	PFF	Next Day
01500	Fasson <sup>®</sup> 60# Estate Label <sup>®</sup> No. 4 Wet-Strength FSC <sup>®</sup> /S100R/44#PK	EXACT™60/5000	WCT	Next Day
01533		60/1668	FTW	Next Day
19650	Fasson <sup>®</sup> 60# Estate Label <sup>®</sup> No. 8 Wet-Strength FSC <sup>®</sup> /AT20N/1.2 Mil PET	EXACT™60/5000	WCT	Next Day
19650		EXACT™60/10000	WCT, FTW	Next Day
15952	Fasson <sup>®</sup> 60# Estate Label <sup>®</sup> No. 8 Wet-Strength FSC <sup>®</sup> /AT20/44#PK	60/1668	FTW, WCT	Next Day
		EXACT™60/7500	MTL	Next Day
19656	Fasson <sup>®</sup> 60# Estate Label <sup>®</sup> No. 8 Wet-Strength FSC <sup>®</sup> /S100R/1.2 Mil PET	EXACT™60/5000	WCT	Next Day
		EXACT™60/10000	WCT	Next Day
02394	Fasson <sup>®</sup> 60# Estate Label <sup>®</sup> No. 8 Wet-Strength FSC <sup>®</sup> /S100R/44#PK	EXACT™60/5000	SEA, WCT, FTW	Next Day
53339	Fasson <sup>®</sup> 60# Estate Label <sup>®</sup> No. 8 Wet-Strength FSC <sup>®</sup> /S100R/44#PK	60/1668	FTW	Next Day
54141	Fasson <sup>®</sup> 60# Estate Label <sup>®</sup> No. 8 Wet-Strength FSC <sup>®</sup> /Z1010/1.2 Mil PET	EXACT™60/5000	PFF	Next Day
53332	Fasson <sup>®</sup> 60# Estate Label <sup>®</sup> No. 8 Wet-Strength FSC <sup>®</sup> /Z3338/1.2 Mil PET	60/1000	FTW	5 Days
10449	Fasson <sup>®</sup> 60# Estate Label <sup>®</sup> No. 9 Wet-Strength FSC <sup>®</sup> /S246/40#SCK	30/1668	PTC	10 Days

	Unc	oated Papers		
Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time
		ReadyWidth™10/5000	SEA	Next Day
53749	Fasson <sup>®</sup> 60# Estate Label <sup>®</sup> No. 9 Wet- Strength FSC <sup>®</sup> /S100R/1.2 Mil PET	60/5000	SEA	Next Day
		EXACT™60/1668	SEA	Next Day
11301	Fasson <sup>®</sup> 60# Estate Label <sup>®</sup> No. 9 Wet Strength FSC <sup>®</sup> /S100R/44#PK	EXACT™60/5000	FTW, WCT	Next Day
9740	Fasson <sup>®</sup> 60# Uncoated Litho Wet-Strength FSC <sup>®</sup> /Z1010/1.2 Mil PET	60/10000	FTW	5 Days
53957	Fasson <sup>®</sup> 60# Estate Label <sup>®</sup> No. 17 Martele Wet-Strength FSC <sup>®</sup> /S100R/1.2 Mil PET	60/1668	FTW	Next Day
53962	Fasson <sup>®</sup> 60# Estate Label <sup>®</sup> No. 25 Black Wet-Strength FSC <sup>®</sup> /S100R/1.2 Mil PET	60/5000	FTW	5 Days
12571	Fasson <sup>®</sup> 60# Classic <sup>®</sup> Linen Solar White	EXACT™60/5000	WCT	Next Day
2011	Wet-Strength FSC <sup>®</sup> /S100R/44#PK	60/1668	WCT	Next Day
2623	Fasson <sup>®</sup> 60# Classic <sup>®</sup> Linen Solar White Wet-Strength FSC <sup>®</sup> /S100R/44#PK	EXACT™60/5000	SEA, WCT	Next Day
9633	Fasson <sup>®</sup> 60# Classic <sup>®</sup> Linen Solar White Wet-Strength FSC <sup>®</sup> /S100R/1.2 Mil PET	EXACT™60/10000	WCT	Next Day
12649	Fasson <sup>®</sup> 60# Classic <sup>®</sup> Laid Solar White Wet-Strength FSC <sup>®</sup> /S100R/44#PK	60/1668	WCT	Next Day
		EXACT™60/5000	WCT	Next Day
Fasson <sup>®</sup>	Fasson <sup>®</sup> 60# Classic <sup>®</sup> Crest <sup>®</sup> Solar White	60/1668	FTW	Next Day
9657	Wet-Strength FSC <sup>®</sup> /S100R/1.2 Mil PET	EXACT™60/5000	WCT	Next Day
8513	Fasson <sup>®</sup> 60# Classic <sup>®</sup> Crest <sup>®</sup> Solar White	60/1668	FTW, WCT	Next Day
0010	Wet-Strength FSC <sup>®</sup> /AT20N/44#PK	ReadyWidth™10/10000	WCT	Next Day
8842	Fasson <sup>®</sup> 60# Classic <sup>®</sup> Crest <sup>®</sup> Solar White Wet-Strength FSC <sup>®</sup> /S100R/40#BG	60/10000	FTW	5 Days
9648	Fasson <sup>®</sup> 60# Classic <sup>®</sup> Crest <sup>®</sup> Solar White	EXACT™60/5000	WCT	Next Day
5040	Wet-Strength FSC <sup>®</sup> /AT20N/1.2 Mil PET	EXACT™60/10000	WCT	Next Day
4078	Fasson <sup>®</sup> 70# Classic <sup>®</sup> Crest <sup>®</sup> Solar White Wet-Strength FSC <sup>®</sup> /S100RB/1.2 Mil PET	EXACT™60/10000	WCT	Next Day
7499	Fasson <sup>®</sup> 60# Classic <sup>®</sup> Crest <sup>®</sup> Natural White	60/1668	FTW, WCT	Next Day
1433	Wet-Strength FSC <sup>®</sup> /S100R/44#PK	EXACT™60/5000	WCT	Next Day
3963	Fasson <sup>®</sup> 70# Classic <sup>®</sup> Felt Natural White Wet-Strength FSC <sup>®</sup> /S100RB/1.2 Mil PET	EXACT™60/5000	WCT	Next Day
54160	Fasson <sup>®</sup> 60# Classic <sup>®</sup> Felt Natural White Wet-Strength FSC <sup>®</sup> /S100R/44#PK	EXACT™60/5000	WCT	Next Day
54167	Fasson <sup>®</sup> 60# Classic <sup>®</sup> Felt Natural White Wet-Strength FSC <sup>®</sup> /S100R/1.2 Mil PET	60/7500	FTW	5 Days
54170	Fasson <sup>®</sup> 60# Classic <sup>®</sup> Felt Natural White Wet-Strength FSC <sup>®</sup> /AT20N/44#PK	60/4167	PVL	10 Days
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	Uncoa	ted Papers		
Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time
54171	Fasson <sup>®</sup> 60# Classic <sup>®</sup> Felt Natural White Wet-Strength FSC <sup>®</sup> /AT20N/1.2 Mil PET	60/1668	FTW, WCT	Next Day
19203	Fasson <sup>®</sup> 70# Eggshell Felt Wet-Strength FSC <sup>®</sup> /S100RB/44#PK	EXACT™60/5000	SEA, FTW, WCT	Next Day
19742	Fasson <sup>®</sup> 70# Eggshell Felt Wet-Strength	EXACT™60/10000	WCT	Next Day
19742	FSC®/S100RB/1.2 Mil PET	EXACT™60/5000	WCT	Next Day
53331	Fasson <sup>®</sup> 70# Bright White Felt Wet-Strength FSC <sup>®</sup> /Z3338B/1.2 Mil PET	60/1000	FTW	5 Days
19917	Fasson <sup>®</sup> 70# Bright White Felt Wet-Strength FSC <sup>®</sup> /S100RB/44#PK	EXACT™60/5000	SEA, FTW, WCT	Next Day
	_	60/1668	FTW	Next Day
		EXACT™60/5000	WCT	Next Day
53112	Fasson® 70# Bright White Felt Wet-Strength FSC®/S100RB/1.2 Mil PET	EXACT <sup>™</sup> 60/10000	WCT	Next Day
		ReadyWidth™10/5000	SEA	Next Day
		ReadyWidth <sup>™</sup> 12/5000	SEA	Next Day
54143	Fasson <sup>®</sup> 70# Bright White Felt Wet-Strength FSC <sup>®</sup> /Z1010/1.2 Mil PET	EXACT™60/5000	PFF	Next Day
53243	Fasson <sup>®</sup> 70# Royal White Wet-Strength FSC <sup>®</sup> /S100RB/1.2 Mil PET	60/1668	FTW	Next Day
53327	Fasson <sup>®</sup> 70# Royal White Wet-Strength FSC <sup>®</sup> /Z3338B/1.2 Mil PET	60/10000	FTW	5 Days
53964	Fasson <sup>®</sup> 74# Global White Wet-Strength FSC <sup>®</sup> /S100RB/1.2 Mil PET	39/1668	PVL	Next Day
	Uniqu	ie Papers		
Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time
54186	Fasson <sup>®</sup> 60# Estate Label <sup>®</sup> No. 14 FSC <sup>®</sup> 100% PCW/AT20N/1.2 Mil PET New!	60/1668	FTW	Next Day
54187	Fasson <sup>®</sup> 60# Envi <sup>®</sup> 96 Bright White FSC <sup>®</sup> /Z1010/1.2 Mil PET New!	60/1668	PVL	Next Day
54188	Fasson <sup>®</sup> 80# Cotton White Tree Free/ S100RB/1.2 Mil PET New!	39/1668	PVL	Next Day
54189	Fasson <sup>®</sup> 60# Grape Touch /AT20N/1.2 Mil PET Ne	w! 60/1668	FTW	Next Day
53290	Fasson <sup>®</sup> 60# Envi <sup>®</sup> Wet-Strength FSC <sup>®</sup> 100% PCW AT20N/1.2 Mil PET	60/20000	FTW	5 Days
53988	Fasson <sup>®</sup> 60# Dappled White Wet-Strength FSC <sup>®</sup> / S100R/1.2 Mil PET	30/1668	PVL	Next Day
19715	Fasson <sup>®</sup> 60# Tramado Blanco Wet-Strength/ S100R/44#PK	39/1000	PVL	5 Days

	Unique Papers					
Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time		
19903	Fasson <sup>®</sup> 60# Tramado Blanco Wet-Strength/ S100R/1.2 Mil PET	ReadyWidth™13/5000	PVL	Next Day		
16482	Fasson <sup>®</sup> 60# White Shursheen/S100R/44#PK	60/1668	WCT	Next Day		
16912	Fasson® 70# Cambric Birch/S100RB/44#PK	30/1668	WCT	Next Day		
19923	Fasson <sup>®</sup> 60# Frozen Orion Diamond Wet-Strength FSC®/AT20/44#PK	30/1668	PVL	Next Day		
53246	Fasson <sup>®</sup> 64# White Pearl Wet-Strength FSC <sup>®</sup> /S100R/1.2 Mil PET	60/1668	FTW	Next Day		
53607	Fasson <sup>®</sup> 64# White Pearl Wet-Strength FSC <sup>®</sup> /AT20N/1.2 Mil PET	60/10000	FTW	10 Days		
53328	Fasson <sup>®</sup> 64# Sparkling Asti Wet-Strength FSC <sup>®</sup> /Z3338/1.2 Mil PET	60/1668	WCT	Next Day		
53248	Fasson <sup>®</sup> 60# Luna Wet-Strength FSC <sup>®</sup> /S100R/1.2 Mil PET	60/1668	FTW	Next Day		
53605	Fasson <sup>®</sup> 119# Cherry Wood/AT20N/ 1.2 Mil PET	54/1000	PVL	5 Days		
53662	Fasson <sup>®</sup> 128# Birch Wood/AT20N/1.2 Mil PET	54/1000	PVL	5 Days		
53663	Fasson <sup>®</sup> 67# Brushed Platinum Wet-Strength/ AT20N/1.2 Mil PET	30/1000	WCT	Next Day		

Glossy Papers					
Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time	
19525	Fasson <sup>®</sup> 70# Premium High Gloss/AT20/1.5M PET	60/1668	WCT	Next Day	
17351	Fasson <sup>®</sup> 60# Cast Gloss FSC <sup>®</sup> /AT20/44#PK	60/1668	FTW, WCT	Next Day	
19637	Fasson® 60# Cast Gloss FSC®/AT20N/1.2 Mil PET	EXACT™60/10000	FTW, WCT	Next Day	
10000	Fasson <sup>®</sup> 60# Cast Gloss FSC <sup>®</sup> /S100R/1.2 Mil PET	EXACT™60/7500	MTL	Next Day	
19638		EXACT™60/10000	WCT	Next Day	
53329	Fasson <sup>®</sup> 60# Cast Gloss FSC <sup>®</sup> /Z3338/1.2 Mil PET	60/1000	FTW	5 Days	
01000	Fasson <sup>®</sup> 60# Cast Gloss FSC <sup>®</sup> /S100R/44#PK	60/1668	FTW	Next Day	
01606		EXACT™60/5000	WCT	Next Day	
10055	Fasson <sup>®</sup> 60# Semi-Gloss Elite™ WN FSC <sup>®</sup> / AT20N/1.2 Mil PET	60/1668	FTW	Next Day	
19655		EXACT™60/10000	WCT	Next Day	
53363	Fasson <sup>®</sup> 60# Semi-Gloss Elite <sup>™</sup> FSC <sup>®</sup> /S100R/1.2 Mil PET	60/1668	WCT	Next Day	
54144	Fasson <sup>®</sup> 60# Semi-Gloss Elite™/ FSC <sup>®</sup> /Z1010/1.2 Mil PET	EXACT™60/5000	PFF	Next Day	

Matte Litho (Coated) Papers				
Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time
19801	Fasson® 60# Matte Litho WN/S100R/44#PK	EXACT™60/5000	SEA	Next Day
19803	Fasson <sup>®</sup> 60# Matte Litho WN/S100R/1.2 Mil PET	ReadyWidth™10/5000	SEA	Next Day
15794	Fasson <sup>®</sup> 60# Matte Litho Wet-Strength/ S100R/44#PK	30/8883	WCT	10 Days
10000	Fasson <sup>®</sup> 60# Matte Litho Wet-Strength/	78/1668	FTW	Next Day
19298	AT20/44#PK	EXACT <sup>™</sup> 78/5000	SEA	Next Day
	Laminated Foils	and Metallized Paper		
Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time
15789	Fasson <sup>®</sup> 70# Bright Silver Laminated Foil/ S100R/44#PK	60/1668	PVL	Next Day
53459	Fasson <sup>®</sup> 70# Dull Silver Laminated Foil/ AT20/1.5 Mil PET	60/1668	WCT	Next Day
53326	Fasson <sup>®</sup> 56# MaxFlex™ Bright Silver FSC <sup>®</sup> /Z3338/1.2 Mil PET	60/1000	FTW	5 Days
	Fasson <sup>®</sup> 56# MaxFlex™ Bright Silver FSC <sup>®</sup> /S100R/44#PK	60/1668	FTW, WCT	Next Day
53351		ReadyWidth™10/5000	WCT	Next Day
		ReadyWidth™12/5000	WCT	Next Day
50050	Fasson <sup>®</sup> 56# MaxFlex™ Bright Silver	EXACT™60/5000		Next Day
53352	FSC <sup>®</sup> /AT20/40#SCK	EXACT™60/10000	FTW -	Next Day
53380	Fasson <sup>®</sup> 56# MaxFlex™ Bright Silver FSC <sup>®</sup> /AT20/1.0 Mil PET	EXACT™60/10000	PVL	Next Day
53381	Fasson <sup>®</sup> 56# MaxFlex™ Bright Silver FSC <sup>®</sup> /AT20/1.2 Mil PET	EXACT™60/10000	PVL, WCT	Next Day
53397	Fasson <sup>®</sup> 56# MaxFlex™ Bright Silver FSC <sup>®</sup> /S100R/1.2 Mil PET	60/7500	FTW	8 Days
		Films		
Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time
79113	Fasson <sup>®</sup> 2 Mil Clear BOPP TC/Z3300/1.2 Mil PET	60/4167	PVL	Next Day
79370	Fasson <sup>®</sup> 2 Mil Metallized BOPP	60/4167	PVL	Next Day
70000	Fasson <sup>®</sup> High Performance FasClear <sup>®</sup>	EXACT <sup>™</sup> 78/5000	WCT	5 Days
79683	TC/S7000/1.2 Mil Polyester	EXACT <sup>™</sup> 78/10000	QTN Next	
79684	Fasson <sup>®</sup> High Performance PRIMAX <sup>®</sup> TC/S7000/1.2 Mil Polyester	EXACT <sup>™</sup> 78/10000	QTN	Next Day

	HP Indigo Press Printable				
Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time	
19991	Fasson <sup>®</sup> 60# Estate Label <sup>®</sup> No. 4 Wet-Strength FSC <sup>®</sup> ITC/S100R/44#PK	ReadyWidth™12/5000	FTW, WCT	Next Day	
		ReadyWidth <sup>™</sup> 12/5000	FTW, WCT, SEA	Next Day	
19915	Fasson <sup>®</sup> 60# Estate Label <sup>®</sup> No. 8 Wet-Strength FSC <sup>®</sup> ITC/S100R/44#PK	ReadyWidth <sup>™</sup> 13/5000	FTW	Next Day	
		ReadyWidth™10/5000	WCT, FTW	Next Day	
19957	Fasson <sup>®</sup> 60# Estate Label <sup>®</sup> No. 8 Wet-Strength FSC <sup>®</sup> ITC/S100R/1.2 Mil PET	ReadyWidth <sup>™</sup> 12/5000	WCT, FTW	Next Day	
53338	Fasson <sup>®</sup> 60# Estate Label <sup>®</sup> No. 8 Wet-Strength FSC <sup>®</sup> ITC/AT20N/1.2 Mil PET FSC	ReadyWidth™12/5000	WCT, FTW	Next Day	
53417	Fasson <sup>®</sup> 60# Estate Label <sup>®</sup> No. 8 Wet-Strength FSC <sup>®</sup> ITC/Z3338/1.2 Mil PET	10/5000	FTW	7 Days	
19959	Fasson <sup>®</sup> 60# Estate Label <sup>®</sup> No. 9 Wet-Strength FSC <sup>®</sup> ITC/S100R/44#PK	12/25000	FTW	4 Days	
		10/5000	FTW	4 Days	
53271	Fasson <sup>®</sup> 60# Classic Crest <sup>®</sup> Solar White Wet-Strength FSC <sup>®</sup> ITC/S100R/1.2 Mil PET	12/5000 -	FTW	4 Days	
		12/3000	WCT	Next Day	
19962	Fasson <sup>®</sup> 60# Classic Crest <sup>®</sup> Solar White Wet-Strength FSC <sup>®</sup> ITC/S100R/44#PK	12/5000	WCT, FTW	Next Day	
19987	Fasson® 60# Cast Gloss ITC FSC®/AT20N/1.2 Mil PET	12/5000	WCT, FTW	Next Day	
53081	Fasson® 60# Cast Gloss ITC FSC®/ S100R/44#PK	60/5000	FTW	3 Days	
19961	Fasson <sup>®</sup> 60# Matte Litho ITC FSC <sup>®</sup> / S100R/44#PK	12/5000	FTW	13 Days	
53102	Fasson <sup>®</sup> 60# Matte Litho Wet-Strength ITC/	10/5000	FTW	4 Days	
00102	AT20/44#PK	13/5000	WCT, FTW	Next Day	
		ReadyWidth <sup>™</sup> 12/5000	FTW, SEA	Next Day	
53127	Fasson <sup>®</sup> 70# Bright White Felt Wet-Strength FSC <sup>®</sup> ITC/S100RB/44#PK	ReadyWidth <sup>™</sup> 10/5000	WCT, FTW, SEA	Next Day	
		ReadyWidth <sup>™</sup> 13/5000	WCT, FTW	Next Day	
53384	Fasson <sup>®</sup> 70# Royal White FSC <sup>®</sup> ITC/ Z3338B/1.2 Mil PET	12/30000	FTW	7 Days	
53340	Fasson <sup>®</sup> 70# Eggshell Felt FSC <sup>®</sup> ITC/	12/5000	WCT, FTW	Next Day	
00040	S100RB/1.2 Mil PET	13/5000	WCT, FTW	Next Day	
53499	Fasson <sup>®</sup> 60# Luna Wet-Strength FSC <sup>®</sup> ITC/ S100R/1.2 Mil PET	13/20000	FTW	4 Days	
53493	Fasson <sup>®</sup> 128# Birch Wood ITC/A20N/40#SCK	13/10000	FTW	8 Days	
53606	Fasson <sup>®</sup> 119# Cherry Wood ITC/AT20N/1.2 Mil PET	13/10000	FTW	8 Days	

Welded Papers					
Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time	
53325	Fasson <sup>®</sup> 60# Uncoated Litho Wet-Strength FSC <sup>®</sup> / OPP Weld/Z3338/1.2 Mil PET	60/10000	FTW	5 Days	
53007	Fasson <sup>®</sup> 60# Uncoated Litho Wet-Strength FSC <sup>®</sup> / OPP Weld /AT20N/1.2 Mil PET	EXACT™60/10000	WCT	Next Day	
53918	Fasson <sup>®</sup> 60# Uncoated Litho Wet-Strength FSC <sup>®</sup> / OPP Weld/S100R/1.2 Mil PET	60/10000	FTW	5 Days	
53933	Fasson <sup>®</sup> 60# Estate Label <sup>®</sup> No. 4 Wet-Strength FSC <sup>®</sup> /PET/AT20N 1.2 Mil PET	60/4167	PFF	10 Days	
53696	Fasson <sup>®</sup> 60# Estate Label <sup>®</sup> No. 8 Wet-Strength FSC <sup>®</sup> Weld/OPP Weld/S100RB/1.2 Mil PET	60/10000	PFF	5 Days	
53024	Fasson <sup>®</sup> 60# Estate Label <sup>®</sup> No. 8 Wet-Strength FSC <sup>®</sup> /PET Weld/S100RB/1.2 Mil PET	EXACT™60/5000	WCT	Next Day	
53816	Fasson <sup>®</sup> 60# Estate Label <sup>®</sup> No. 8 Wet-Strength FSC <sup>®</sup> /PET Weld/AT20N/1.2 Mil PET	60/4167	PFF	10 Days	
18523	Fasson <sup>®</sup> 60# Estate Label <sup>®</sup> No. 8 Wet-Strength FSC <sup>®</sup> /PET Weld/AT20N/44#PK	60/4167	PFF	10 Days	
19838	Fasson <sup>®</sup> 60# Estate Label <sup>®</sup> No. 9 Wet-Strength FSC <sup>®</sup> /PET Weld/S100RB/44#PK	60/4167	PFF	10 Days	
53817	Fasson <sup>®</sup> 60# Estate Label <sup>®</sup> No. 9 Wet-Strength FSC <sup>®</sup> /PET Weld/AT20N/1.2 Mil PET	60/4167	PFF	10 Days	
53898	Fasson <sup>®</sup> 60# Classic <sup>®</sup> Linen Solar White Wet-Strength FSC <sup>®</sup> /OPP Weld/AT20N/44#PK	60/10000	FTW	5 Days	
53942	Fasson <sup>®</sup> 60# Classic Crest <sup>®</sup> Natural White Wet- Strength FSC <sup>®</sup> /PET Weld/AT20N/1.2 Mil PET	60/4167	PFF	10 Days	
54103	Fasson <sup>®</sup> 60# Envi Wet-Strength 100% PCW FSC <sup>®</sup> /OPP Weld/S100R/1.2 Mil PET	60/10000	FTW	5 Days	
54095	Fasson <sup>®</sup> 70# Bright White Felt Wet-Strength FSC <sup>®</sup> /OPP Weld/S100RB/1.2 Mil PET	60/10000	FTW	5 Days	
53232	Fasson <sup>®</sup> 70# Bright White Felt Wet-Strength FSC <sup>®</sup> /PET Weld/S100RB/44#PK	EXACT™60/5000	WCT	Next Day	
54072	Fasson <sup>®</sup> 60# Cast Gloss FSC <sup>®</sup> /PET Weld/ S100R/1.2 Mil PET	60/4167	PFF	10 Days	
53945	Fasson <sup>®</sup> 70# Premium High Gloss/PET Weld/ AT20N/1.2 Mil PET	60/4167	PFF	10 Days	
53926	Fasson <sup>®</sup> 60# Matte Litho WN/PET Weld/ AT20N/44#PK	60/4167	PFF	10 Days	
53837	Fasson <sup>®</sup> 67# Brushed Platinum Wet-Strength/PET Weld /AT20N/1.2 Mil PET	30/8333	PFF	12 Days	

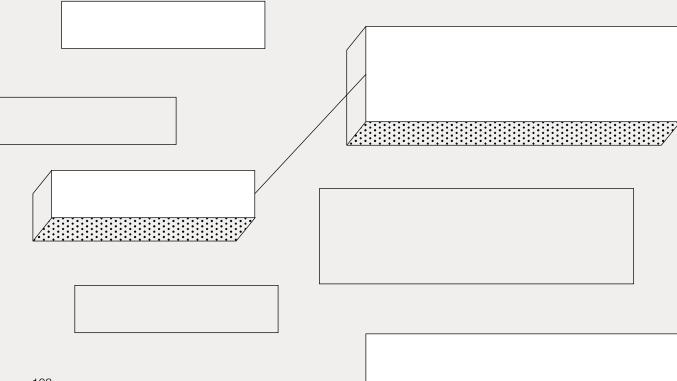
For our full line wine labeling offerings please visit our website or speak with your Avery Dennison Sales Representative.

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

EXACT<sup>™</sup>, ReadyWidth<sup>™</sup>, and Custom Service Programs available

### Sustainability Definitions Matching Game

How well versed are you with earth-friendly terminology? Test your knowledge and match the sustainability term on the left with the correct definition on the right.



Pre-Consumer Waste		A e te
Post-Consumer Waste		A E s
Compostable		r r
Recycle		
Sustainable Development		e
Responsible Sourcing		V C J J J
Circular Economy		ti ti c a
Economic Sustainability		
	Waste Post-Consumer Waste Compostable Recycle Sustainable Development Responsible Sourcing Circular Economy Economic	WastePost-Consumer WasteCompostableRecycleSustainable DevelopmentResponsible SourcingCircular EconomyEconomic

A product is capable of disintegrating into natural elements in a compost environment, leaving no toxicity in the soil.

A voluntary commitment to take into account the Environmental, Social & Ethical behaviors when selecting and doing business with suppliers.

A material that was discarded before it was ready for consumer use.

Converting a waste into a reusable material.

A regenerative system in which resource input and waste, emission, and energy leakage are minimised by slowing, closing, and narrowing energy and material loops.

Waste that's been used by a consumer, disposed of, and diverted from landfills — stuff like the aluminum cans and newspapers that you place in your recycling bin for pick-up.

Human communities across the globe are able to maintain their independence and have access to the resources that they require, financial and other, to meet their needs. Economic systems are intact and activities are available to everyone, such as secure sources of livelihood.

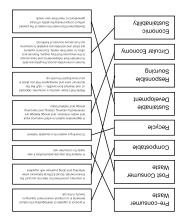
Development that meets the needs of the present without compromising the ability of future generations to meet their own needs.



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#### Answer Key



#### ADV# 369, 08/2018, 3500

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