

# AD Connect

Insights and perspective to help your business grow



Revolutionizing  
Retail

Global MDO  
gets even  
better

Introducing  
the rPET  
liner



# Features

## Revolutionizing Retail

Emerging trends promised to change the retail landscape forever; COVID-19 is impacting that

6

## Global MDO gets even better

Our next generation product meets evolving needs for shelf appeal, sustainability, and more

10

## Flexible packaging just got a bit stronger and more sustainable

14



# Highlights

## AD Perspective 4

Where do we go from here?

## AD Showcase 30

The Concept Lab worked in collaboration with Land of Plenty to bring the labels and environmental graphics to life.



# Portfolios

## Engineered Solutions

Mix & Match Product Examples 38

Cover-Up 40

## Durable Label Materials

Automotive 42

Point-of-Purchase Tire Label 44

Appliance 46

Drum 48

Fire Extinguisher 51

HVAC 52

Lawn and Garden 54

Overlaminates 56

Outdoor Overlaminates 58

Safety and Warning Labels 60

Validation Decal 62

Food Safety and Rotation 64

## Functional Packaging

Rapid Roll® Flexible Packaging 66

Reclosure Portfolio 68

Rapid Roll® Shrink Portfolio 70

## Intelligent Label and Security

Intelligent Label 72

Security 76

## Promotion

Direct Mail 78

Fluorescent 80

Bumper Sticker 82

Kiddie Sticker 84

Removables 86

## Retail and Shelf

Apparel 94

Tag Stock 96

Candle and Soap 98

Holographic 100

Natural Kraft Paper 102

Piggyback 104

Transfer Tape 106

Wine, Spirits, and Craft Beer 108

## Stronger Together

In March, just days after my family and I made the move from the Netherlands to the United States, Ohio -- along with many other states -- issued stay-at-home orders in an effort to 'flatten the curve' in response to COVID-19. While my family and I settled into a new, albeit unusual routine, my attention was very quickly focused on managing through the unique challenges we have all faced over the past months.

As a key supply chain partner for essential businesses like food and beverage, healthcare, medical and others, Avery Dennison employees have been working around the clock to deliver business-critical materials for you and your customers. In some cases, we faced difficult prioritization decisions due to sudden surges in demand. While critical front-line supply chain needs were met, there were instances where this may have resulted in unanticipated delays. We apologize for any inconvenience and thank you for your understanding and continued partnership.



Moving forward, we remain as committed as ever to finding new ways to stay connected with you to share important information and resources. In this issue of AD Connect, you'll find a wealth of new product information, including feature articles on the launch of our next-generation Global MDO film; a new rPET filmic release liner, made with 30% post-consumer waste; and, an update on the Avery Dennison Intelligent Label portfolio, which is especially timely as industries around the world are quickly realizing the advantages of touchless labeling technology.

In addition, please watch for information to come introducing a new weekly webinar series, updates to our website with easy-to-find content, and new ways to stay in touch via video with your sales reps and technical leads. No matter what the circumstances, our goal is to make doing business with us as easy as possible.

As I compose this message, states across the country are taking steps to reopen. While the next chapter of the COVID-19 response is yet to be written, please know there is one thing you can continue to count on -- our commitment as your dedicated partner.

Since taking leadership of the Label and Graphics North America business earlier this

year, I have been incredibly proud to witness the many ways our label and packaging industry has come together to respond to the COVID-19 situation to support our customers and each other. As our industry continues to evolve, perhaps faster than ever, we pledge to continue working hard to provide you the very best in products, quality and service.

For those of you I have not yet had the chance to meet, I look forward to speaking with you in the weeks and months ahead. If you have questions about the contents of this issue or anything on your mind, please contact customer service, your account representative, or reach out to me directly. AD

Sincerely,



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

# Revolutionizing Retail

**Emerging trends promised to change the retail landscape forever; COVID-19 is impacting that**

No one really expected the first half of 2020. And no one really knows precisely how the ongoing events related to the COVID-19 pandemic are going to affect our economy and consumer retail behavior in the long term.

Nevertheless, the goal for our Insights column remains the same: to share information about the consumer trends that are shaping our industry and our mutual business. This is information that can, in turn, help you adapt your business to meet the needs of the brands you serve. All of this comes as those brands adapt — sometimes radically — to continue to meet the needs of their customers.

“Revolutionizing retail” is one of our 2020 megatrends. These megatrends represent the topline, changing attitudes and habits of consumers as identified by the Avery Dennison Marketing team. These are “seismic” and long-term shifts, not fads. We also recognize that these trends may be accelerated or slowed by the impact of COVID-19. We’ve done our best to incorporate that impact, based on the best market intelligence available.

So let’s look at how consumers are revolutionizing retail by seeking out shopping experiences with companies and brands that add value to their lives, maintain authenticity and eliminate mundane tasks. Here are three of the megatrends we’re seeing.





## 1. Buying local for authenticity, and confidence

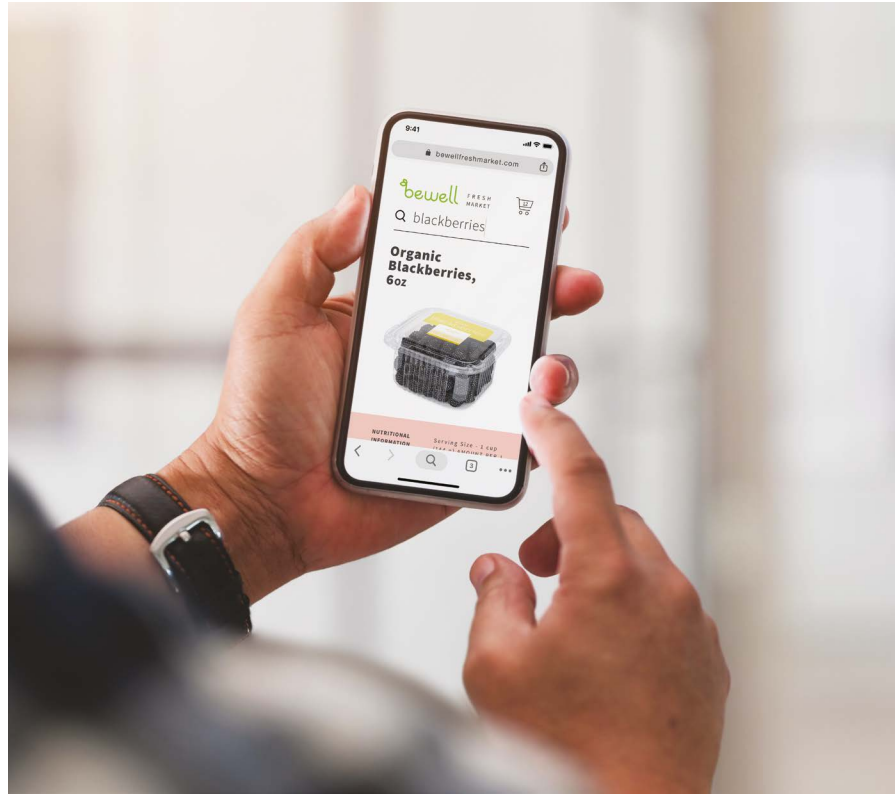
Consumers are gaining a sense of local pride and individuality, as their buying preferences shift toward local companies and goods. They're also expressing greater confidence in the safety of foods sourced locally.

Prior to COVID-19, almost 30 percent of North American consumers surveyed said they try to shop at locally-owned stores, according to Euromonitor. And more than 50 percent of consumers agreed that local products seemed to offer greater authenticity than national brands and products from other areas.

This is a megatrend we expect to accelerate in a post-COVID-19 world. According to Nielsen, concerns about the safety and security of the foods and drinks we purchase will drive the turn to more locally sourced, locally shopped products. National brands wanting to remain relevant may find they need to be more transparent than ever about their products' lifecycle, and how they are shipped and delivered to customers.

## 2. eCommerce: new opportunities for brands to connect

North America will continue to see growth in eCommerce and tech-enabled convenience



shopping. This likely surprises no one, as consumers have come to expect a wide selection of products, fast shipping, free returns, and low prices. Retailers that want to stay relevant will need to deliver (figuratively, and probably literally). The prompting of a “new normal,” from COVID-19, will only magnify this trend.

Some interesting numbers emerged in the first few weeks of the pandemic. According to Mintel order value averages jumped significantly from 2019 to April 2020 in categories such as grocery (\$78, to \$105), pharmaceutical (\$162, to \$335), and general retail (\$85, to \$160).

Over the long term, according to Mintel, COVID-19 is providing eCommerce businesses the opportunity to connect with new customers, especially in the online grocery segment, and with the 65-plus age group.

Mintel predicts that we'll see a major shift in mindset when it comes to the role of digital. COVID-19 has forced people to rely on virtual meetings and other tools to get work done, keep their childrens' education progressing, and stay connected with friends and family. They're getting used to the idea that these tools can enhance community bonds, rather than undermine them.





### 3. Status of the evolution of private label

A megatrend we think might be slowed down by COVID-19 is the emergence of “premium” private label brands.

By early 2020, private label products (“store brands”) were gaining share. They moved into more premium categories, and were shifting from value chains, such as Aldi, to premium chains, such as Whole Foods. According to Nielsen, sales of private label brands in North America were growing at approximately 3 percent, outpacing national brands’ growth of just 1 percent. Meanwhile, 40 percent of American said they would be willing to pay the same or more for the “right” store-brand products, while only 26 percent said national brands were worth the extra price.

Not so fast, perhaps. We expect the effect of COVID-19 to possibly pump the brakes on this megatrend. According to Mintel, consumers are more likely to stick with mainstream brand names that they know and trust as they look for a sense of security and familiarity in fast-changing and uncertain times.

#### **Helping you be prepared for what’s happening now, and for what’s to come**

It may sound cliché, but in times of uncertainty, you can count on Avery Dennison. Why? Because no matter how the markets you serve change, you’ll be prepared to respond.

You have on-trend material solutions built on a foundation of innovative pressure-sensitive adhesives, films and papers. You have broad portfolios for segments ranging from food and beverage, to automotive, industrial and durables, to pharma, to clothing and apparel, and more. You have Intelligent Label solutions to help retailers better manage their businesses. You have our ClearIntent™ Portfolio of sustainable solutions. Finally, you have in-person support for product selection, technical needs, design support, and regulatory compliance.

To discuss these megatrends, and how you might be able to adapt your business to find more profitable growth, contact your Avery Dennison representative. **AD**



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Grpeseed  
BODY OIL



100% Pure Grpeseed Oil  
Rich in phytonutrients, this body oil has  
light-moisturizing properties and gives  
your skin a healthy, satin-like finish.

Global  
MDO™  
with Certified Sustainable Technology

16.9 FL. OZ. (479mL)

ARTISTIC CARE co.

Tea Tree  
BODY WASH



For a purifying clean that detoxes,  
smoothes and renews all skin types,  
this body wash is paraben-free,  
cruelty-free, sulfate-free and dye-free.

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Tea Tree  
BODY WASH



ARTISTIC CARE co.

Grpeseed



## Global MDO gets even better

**Our next generation product meets evolving needs for shelf appeal, sustainability, and more**

For almost a decade, our Global MDO film has been a go-to solution for many converters needing a semi-squeeze film. Developed and manufactured in-house at Avery Dennison, it offers an excellent combination of clarity, conformability, and sustainability.

Now, for 2020, the solution that so many rely on is getting even better. Our Global MDO Next Generation will give converters a state-of-the-art, semi-squeeze film that helps them meet evolving consumer desires and brand needs.

### **The time is right for a new MDO**

The MDO trendline is going nowhere but up. According to a report by the firm Transparency Market Research, the MDO market is expected to expand

globally by a CAGR of 4.7 percent between 2018 and 2026. Fact is, we're seeing the use of MDOs expand in many ways across a variety of product categories. One particular example is in Food and Beverage, where there's a trend of brand owners labeling and filling fresh-blown bottles. Use of MDO films helps to allow the label to stay unwrinkled as the bottle undergoes slight dimensional shifts during the curing process.

### **MDOs and the battle of shelf appeal**

Brand owners are also pushing the limits of their package design to capture consumer's attention and show the products they are selling are sustainable. That, in turn, puts pressure on converters to deliver new and exciting material solutions.



MDOs can help converters respond. For instance, they allow designers to create the increasingly common clear-on-clear look for bottles in Food and Beverage, Cosmetics, and other categories. Not only is it simply aesthetically appealing, it responds to the growing consumer desire to see what's in the package: transparency is an assurance of quality. MDO films are also commonly used packaging solutions with rising demand for ready-to-eat and partially-cooked convenience food packaging. MDO films provide better protection against microorganisms, therefore helping to fulfill consumers' demand for fresh, healthy, and convenient packaged food products.

### **Clearer, sustainable, more recyclable**

Global MDO Next Generation offers a compelling set of benefits to help converters respond to these trends. When compared to other semi-squeeze films, it's more than 60 percent clearer than the current Global MDO — rivaling BOPP films for clarity — and allows even thinner labels without compromising package design or label size. It's engineered for a variety of package types, helping brand owners and designers create shelf appeal for a broad range of product categories. And, it's available with our CleanFlake™ adhesive technology, which helps to ensure it separates cleanly from PET containers during recycling.

The product's sustainability credentials are significant. They're also quantifiable, according to Avery Dennison Greenprint™ methodology. Compared to our current Global CO-EX construction (product number 77178), the production and use of our Global MDO Next Generation offers the following:

- 22 percent lower fossil fuel use
- 22 percent less water use
- 22 percent less energy use
- 21 percent lower greenhouse gas emission
- 22 percent less waste generated

### **Save time and effort**

Global MDO Next Generation is engineered to deliver cutting-edge quality while saving converters time and effort, making its use an even more attractive proposition.

- It's engineered to provide conformability for a wide range of squeeze requirements, delivering consistent performance across that range.
- It offers a wide operating window for larger and more complex shapes.
- It has a high MD modulus, for faster registration and less waste.
- It's engineered to go thinner without compromising productivity, helping converters offer up even more sustainable squeeze films.



### No topcoats required

Current generation MDOs typically have a slight haze that can be treated during conversion with a topcoat and varnishes. Global MDO Next Generation eliminates this step, coming out of the production process with shelf-ready clarity.

Global MDO Next Generation is also inherently printable. The film can be run through traditional UV flexographic or digital printers without the addition of a topcoat. Converters who are used to stocking topcoated and non-topcoated MDOs can thus rely on a single SKU for both of these needs.

### Developed and manufactured by Avery Dennison

Since the launch of our current offering in 2011, Avery Dennison has been a leader in the MDO film space. Global MDO is a product we engineered, brought to market, and manufacture. And with nearly a decade of supporting converters and brands using MDO, we've amassed a wealth of service and technical expertise. From design support, to learning how to run the material, to getting an MDO film dialed in for a particular piece of equipment, converters can rely on Avery Dennison.

Global MDO Next Generation is available for trial purposes now, but will launch in August. If you're interested in finding out more about what this film solution can do for you and the brands you support, contact your Avery Dennison representative. **AD**

# Flexible packaging just got a bit stronger and more sustainable

Converters working in the flexible packaging space (or who are interested in working in it ... chat with your Avery Dennison representative) now have three new flexible packaging constructions available. These have been engineered to provide more of what consumers are looking for in a flex pack — convenience and portability, with added strength and sustainability credentials.

## **Flexible Packaging's popularity is growing**

Globally, flexible packaging is the fastest growing packaging segment. According to the Flexible Packaging Association (FPA), the industry enjoyed \$31.8 billion in sales in the U.S. in 2018, the most recent year for which it offers data. Flexible packaging is the second largest packaging segment in the U.S., with about 19 percent of the \$170 billion U.S. packaging market.

The format's popularity spans markets such as beverage, pet

food, personal care, medical, pharmaceutical, consumer products, and many others. It's easy to understand why, from a consumer standpoint, flexible packaging offers convenience. They're functional, lightweight and portable. They can extend shelf life and use closures and fitments to keep contents fresh after having been opened.

## **Indirect, but still significant, sustainability**

When it comes to sustainability — also a consumer interest — flexpack's benefits begin in the manufacturing process and now provide more consumer-friendly sustainable options.

Flexible packaging requires less materials in manufacturing than other packaging types, requires fewer resources to transport and only accounts for about 3 – 4 percent of total landfill waste, according to the FPA. Using flexible packaging also replaces the use of ancillary packaging including boxes and covers.

Whereas some products come packaged in a bag within a box, flexible packaging allows for the elimination of the box while adding a functional benefit of a bag closure to keep product fresh. The effects of these reductions may not always be obvious, but they are significant.

What's new in flexible packaging is the ability to recycle at the end of consumption, using post-consumer waste, bio-based layers, the additional functionality of puncture resistance, and the use of fitments and zippers to protect food for longer shelf life. Our new flexpack offerings help address these unmet needs

## **Three new flexpack products**

We've updated our Rapid-Roll® Portfolio with the following new flexpack products. These expand our overall offering with the addition of high strength and sustainable options.



**High Strength Stand Up Pouch (Spec B0622)**

Offering puncture resistance, our new high strength pouch is designed for added security. The pouch has been pre-tested by Perritt Labs to validate materials recommended for applications requiring child-resistance\* functionality. This product was evaluated using the Consumer Product Safety Commission Protocol and Standards which indicated that it can\*\* fulfill the requirements for poison prevention packaging as per the current Code of Federal Regulations Title 16, Part 1700. The high strength pouch can also be a solution for e-commerce, food, and other applications where security is key.

**Sustainable Stand Up Pouch (Spec B1900)**

Our clear, recyclable 4 mil stand-up pouch gives converters a solution for your customers requesting recyclable materials. This is the first time our portfolio has included a flexpack product that, off the shelf, can be submitted for How2Recycle applications. With consistent performance, this new sustainable offering complements our current stand up pouch portfolio.

**Sustainable Cosmetic Web (Spec B1885)**

Our new solution for cosmetic web applications includes post-consumer-recycled content and biobased films, along with a high-barrier foil. It offers added sustainability, while not compromising on the quality and performance consumers expect. This construction is ideal for personal care, food, OTC, nutraceuticals, and practically any application that uses a cosmetic web format.

Our new flexpack products help you further align your business with the growing consumer desire for convenient and sustainable packaging options. All are now listed in our Rapid Roll Catalog, available at [label.averydennison.com/RRcatalog](http://label.averydennison.com/RRcatalog). To learn more, and/or order samples, contact your Avery Dennison sales representative to get in touch with one of our dedicated flexible packaging experts. AD

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\*Fit for use and additional testing may be required based on application requirements. \*\*Additional testing may be required for each end-use application

## Introducing Compostable Label Constructions

Avery Dennison has introduced a new portfolio of compostable label materials. These are designed to help converters stay in step with the growing composting trend.

Our Compostables Portfolio offers a variety of papers and films with our S9500 adhesive.







### A portfolio for evolving trends in sustainability

Avery Dennison is committed to making a difference with sustainable materials. Across our company and around the world our employees, suppliers and customers are finding new ways to be a force of good.

A life cycle assessment (LCA) tool called Greenprint™ was designed to measure an Avery Dennison product's environmental impact across six categories - fossil material, trees, water, energy, greenhouse gas, and solid waste. It provides facts that are easy to understand, helping you make informed environmental decisions.

We also created a way to easily identify products which offer meaningful improvement in sustainability over other Avery Dennison products: the ClearIntent™ Portfolio. Products in this portfolio have one or more components meeting at least one of the four sustainability standards:



**Reduction of Materials:**  
Using only what is necessary.



**Recycled content:**  
Give a second life to what we have already used.



**Enables recycling:**  
What we use can be used again.



**Responsibly sourced:**  
Products are sourced throughout a supply chain that cares for its people and the environment.

Compostability is another way to enable recycling under the definition since it allows material to be used again in agricultural, landscaping and gardening applications.

### **Biodegradability versus Compostability**

These terms are sometimes used interchangeably. While both contribute to the reduction of waste buildup and to a cleaner and healthier environment, they differ in process, timeline and output.

A biodegradable item will:

- break down into natural elements
- typically within a year
- and without any specific human intervention

A compostable item will:

- break down into a nutrient rich compost
- typically within a few months
- with the intervention of humans to ensure both the proper ratio and movement of the content
- and will be used to support the growth of new plants or produce

So you could say that composting is an active, accelerated, enriched version of the biodegrading process.

### **Residential versus Commercial composting**

If you pride yourself on having a bit of a green thumb, you may already place your

non-meat kitchen scraps, yard waste, and compostable packaging material (more on this in a bit) into a designated bin called a composter. You rotate the composter every few days to help bacteria do its work and within a few weeks, you have a supply of nutrient-rich, organic compost that can be spread on gardens to nourish plants and flowers.

Many communities or private companies now offer composting services as well. These programs rely either on curbside pick-up or designated locations drop-off. The compost is produced at much larger scales than residential, using one of three techniques:

#### **Windrow**

An open air process where material is placed in long rows, approximately 5 feet high. The rows are frequently turned to aid decomposition. This is primarily for yard and garden waste.

#### **In-vessel**

Material is placed in a drum, silo, or concrete trench, where it is frequently turned to aid decomposition. The advantage of in-vessel is that it allows the operator to more efficiently control factors such as air flow, moisture, and temperature.

#### **Aerated static pile**

Material is placed in a large pile, which includes layers of wood chips, shredded paper, or other bulking agents that allow for aeration of the contents.

### **Composting is a growing trend**

According to a 2019 report by the U.S. Public Interest Research Group, the number of communities offering composting programs has grown by 65 percent in the preceding five years. The city of San Francisco composts 255,000 tons of organic material each year, while a law in Vermont now bans compostable materials from landfills.

A report by the market research firm Technavio, meanwhile, predicts the global household composter market will grow by \$329 million from 2000 – 2024.

### **Understanding compostable packaging material**

There are two categories of compostable packaging material:

- Found in natural form like starch and cellulose (called Natural Polymers)
- Man-made through a chemical reaction like plastic (called Synthetic Polymers)

There is currently no standard for plastic home composting but the current industry standard for industrial composting is the European standard EN 13432. EN 13432 requires the packaging to disintegrate after 12 weeks and completely biodegrade after six months. The US standard ASTM D6400 is the North American equivalent of EN 13432.

Converters working in this space should have some knowledge of the end user's validation requirements, and may need to assemble documentation for client projects.

Certifications for the products in our Portfolio are held by their European manufacturers, but your Avery Dennison representative can help you ensure you have the right paper trail in place before moving to production.

### **Rely on the Avery Dennison Compostables Portfolio**

As this emerging trend continues to build momentum, you'll want ready access to a portfolio of compostable label solutions. Enter your relationship with Avery Dennison, and your access to our Compostables Portfolio.

For more information about the portfolio, to order samples, or discuss documentation and lead times, please contact your Avery Dennison representative. **AD**

# Business Development Managers

**BDMs offer converters trusted counsel, deep product and application knowledge, and more.**

“A Business Development Manager’s (BDM) ultimate goal is to be a trusted advisor to our customers,” says Guy Coons, BDM, Rapid-Roll. “We want them to view Avery Dennison as the go-to source for products, support, technical information, and more. It’s about building relationships that will drive mutual growth for both the customer and us.”

A team of eight associates stationed around the country, each BDM specializes in one or more of our Label and Packaging Materials portfolios. They often complement the work of our field sales representatives, offering even deeper expertise and strategic thinking in specific product areas.

## **No single (or simple) job description**

The BDM role is so specialized that there’s really no one-size-fits all job description. “There are differences between what each BDM does based on the needs of the markets each one works in,” says Scott Super, BDM, Reclosure, Pharmaceutical. “In Reclosure, for instance, I might speak to blueberry

growers to help them understand what we offer, and perhaps help them with their packaging sustainability goals. For Pharma it’s different. There, it’s more focused on new product development. Right now, I’m working with our technical leader to help a customer get cryogenic labels implemented across their product line.”

With that in mind, a BDM’s day-to-day work might include any and all of the following:

- Recommending products based on converter and end user needs
- Serving as an educational resource in their specialty area
- Gathering “voice of the customer” information to help Avery Dennison identify new opportunities grow our portfolios and support converters
- Working with customers on new product trials
- Working to understand trends through research; or through networking with OEMs, suppliers, and other players
- Supporting other Avery Dennison teams

“There’s just no typical day,” says Carolyn Burns, BDM, Durables, Automotive. “My day might include contacting and visiting tier suppliers, OEMs, and converters; doing market research for target companies; helping our sales representatives and converters select the best products for applications; working closely with other BDMs, and occasionally with other Avery Dennison businesses.

## **Diverse backgrounds, continuous learning**

BDM is a dynamic and challenging job that requires a diverse resumé and lots of experience. As a whole, the team offers strong sales backgrounds, along with experience in engineering, technology, and manufacturing. Importantly, in an industry where change is the only constant, BDMs are committed to continuous learning and actively listening to customer needs.

“The most challenging part of the job, for me, is the amount of technology in this space,” says Paul

Lender, BDM, Digital. “There are four main platforms with multiple OEMs in each segment. There are always new OEMs entering the segment, along with new printers and inks being announced. You’re constantly learning so you can be prepared to help the customer.”

“I can’t kick up my feet and just think I know everything,” says Guy. “I carve time out to read, do research, attend trade shows, and call suppliers and manufacturers to find out what they’re doing. That work benefits me, and prepares me to provide even better counsel to customers.”

**Strategic thinking**

The BDM role thus often goes well beyond day-to-day support of customers. With their wealth of expertise and insight, BDMs are able to look at the long game for converters and end users, and help them pivot their businesses to align with coming trends.

“For both of the segments I serve, I ask ‘what will the market look like over the next two to five years, and what should we be working on?’” says Scott. “I can then look at what kind of equipment and processes a converter is using and help them find avenues for profitable growth in the future.”

Adds Paul, “I’m fortunate that I get to connect with the OEMs to learn what might be coming next and



Carolyn Burns  
Durables, Automotive



Doug Bourque  
Intelligent Label



Guy Coons  
Rapid-Roll,  
Flexible Packaging



Igor Diaz  
Durables,  
General Industrial



Kevin Gofron  
Durables, Drum



Paul Lender  
Digital



Scott Super  
Reclosure and  
Pharmaceutical



Tim Bohlke  
Brand Owner Education  
and Relationship Manager

then bring that information back and connect with our sales teams, application teams, and customers to help them understand where they can apply the technology and learning about ways they might be applying it that we hadn’t even considered before.”

**Could you use the support of a BDM?**

Considering the nature of their work with converters and end users, each BDM maintains close relationships with our sales representatives. They

communicate, collaborate, share strategic approaches, and often travel together on customer visits. Importantly, they learn from each other.

If you believe your project or business strategy could use the deeper levels of expertise and trusted advice offered by a BDM, talk to your Avery Dennison sales representative.

“The bottom line is that we’re here to help customers achieve market success,” says Scott. “Whatever that means to them.” **AD**



## Introducing the rPET liner

Made with 30% recycled plastic,  
this film liner is engineered  
for sustainability and  
conversion performance

Sustainability is one of the key trends driving innovation in the label and packaging industry. Consumers want to choose sustainable products and brands that align with their values. Avery Dennison is helping converters respond with cost-effective, environmentally-friendly solutions. Through our ClearIntent™ Portfolio, we offer a growing selection of products that are responsibly sourced, use less material and resources, and enable recycling or incorporate recycled content.

Our new 30% recycled content PET liner helps deliver the sustainability brands and consumers want, while maintaining the performance converters need to stay efficient and profitable.

### **Introducing rPET release liners**

Launched in early 2020, our rPET release liner is a cost-effective, filmic liner, made with carefully selected, 30% Post-consumer waste (PCW) plastic. Initially we have paired it with an FSC®-certified semi-gloss paper facestock. We're planning to launch on a number of film products in the CleanFlake portfolio in July, and you can expect additional paper options later in 2020.

At a thin .92 Mil, rPET nevertheless delivers uniform and consistent performance at high dispensing speeds, while avoiding web breaks. It provides excellent registration under various printing conditions, fast die-cutting, improved lay-flatness, and superior embossing characteristics.

The bottom line: There's a great demand for filmic liners, driven by high speed labeling. Converters and brand owners both can count on rPET liners to help them get the job done without sacrificing efficiency or quality.

### **Delivering greater sustainability**

Of course, brand owners are also looking for ways to make their products more sustainable overall. Our rPET liner shines most brightly when

it comes to delivering on the promises of using fewer resources and producing less waste.

According to Avery Dennison Greenprint™ methodology, the use of 1 million square meters of rPET liner in place of virgin PET liner enables:

- 5 percent less water use
- 11 percent less energy use
- 30 percent less fossil material use
- 14 percent less emission of greenhouse gasses

These figures would help any sustainability-minded consumer feel better about a purchase.

Building on the momentum from LabelExpo Europe, where Avery Dennison won the Label Industry Global Awards 2019 Environment and Sustainability Award, we continue to expand and build the rPET portfolio of products here in North America.

### **Learn more about our rPET release liner**

Our 2025 sustainability goals are leading us to find ways to reduce waste across the labelling value chain. And with the addition of rPET, our portfolio of sustainable offerings continues to grow.

To learn more about the rPET liners and our broader ClearIntent Portfolio of sustainable products, contact your Avery Dennison sales representative. **AD**

# Introducing TrueCut™ AT2550

**An all-temperature adhesive, now available  
for prime paper applications**

With its introduction earlier this year, Avery Dennison's AT2550 adhesive has become an excellent sustainable choice for converters needing an all-temperature, pressure-sensitive solution for paper labeling. Carrying the "strong, broad, fast" mantle of our TrueCut line, it brings together the best performance attributes of some of our legacy all-temperature products while offering significant gains in sustainability.

TrueCut AT2550 can help converters meet brand owners' needs across a variety of applications. The adhesive's availability with semi-gloss paper facestocks makes it a great choice for many food and grocery products.

## **The best of both worlds**

From a performance perspective, AT2550 combines the best properties of our two legacy all-temperature adhesives. With 30 percent less ooze than standard all-temperature adhesives, AT2550 results in cleaner rolls with less downtime and faster converting — a leading attribute of our AT20N adhesive. The new adhesive also delivers excellent performance across multiple substrates, including tight mandrels — a feature of our AT20 adhesive. And AT2550 offers the same initial tack, open time, and adhesion of the legacy products.

For low temperature applications — such as warehouses, freight depots, laboratories, and food delivery packaging — AT2550 is a

great fit. Its minimum application temperature of -20 °F and service temperature range of -65 to +200 °F means the adhesive performs in a broader low temperature window.

## **Serious sustainability ... and no stickies**

Beyond its impressive performance characteristics, AT2550 offers some serious sustainability credentials. The product is part of our ClearIntent™ Portfolio of sustainable products, thanks to its reduced use of water and chemicals in manufacturing and improved recyclability. AT2550 is formulated without Alkylphenol Ethoxylates (APEOs) while using 10 percent fewer chemicals and 8 percent less water.





TrueCut AT2550 is also fully repulpable. In short, that means the adhesive is compatible with recycling processes. The longer explanation: standard pressure-sensitive adhesives combined with recycled paper can often form small particles — known as “stickies”—during the recycling process. It’s a funny name, but a serious problem. Those stickies can build up on equipment and cause defects in the final product, costing paper companies an estimated \$700 million annually.

AT2550 passes the USPS repulpability test, along with the

testing criteria of the Tag and Label Manufacturing Industry (TLMI). These tests and criteria ensure that the adhesive is fully recyclable at the end of the label’s life.

**Now available in prime paper**

TrueCut AT2550 is now available with prime paper facestocks. This makes it a compelling choice for applications such as grocery and food, where more brands are turning to eye-catching labels to grab shoppers’ attention for products ranging from frozen meats, to packaged produce,

to non-perishables. It’s also great for opportunities such as meal delivery, where prime paper labels are increasingly affixed to the outside of corrugated packaging. According to Statista, fresh food meal kits are expected to be an \$11.6 Billion market by 2022.

**Strong, broad, fast ... and available now**

Interested in seeing all that TrueCut AT2550 can do for you and your customers? Contact your Avery Dennison representative. **AD**



# Avery Dennison acquires Smartrac

**Purchase broadens our Intelligent Label Portfolio,  
helps converters grow with RFID**

Earlier this year, Avery Dennison acquired the RFID business of Smartrac. The purchase dramatically broadens the Avery Dennison Intelligent Label portfolio, including a range of new capabilities to help converters capitalize on opportunities with RFID applications.

## **A global player, recognized for quality**

Founded in 2000, Smartrac billed itself as an RFID and IoT pacesetter with offerings for a wide range of applications. Its global footprint — including high-capacity manufacturing facilities in Germany, Malaysia, China, and the U.S. — produced 2.5 billion RFID transponders annually.

Like Avery Dennison, Smartrac held a number of patents in the RFID space. And Smartrac and Avery Dennison have both received ARC Certification from the RFID Lab at Auburn University — the only two companies to do so. This comprehensive quality certification is an industry benchmark.

Among Smartrac's many innovations: A strong high frequency product line. Technical innovations for difficult to tag items or surfaces, such as metallic objects. Smartrac also developed technology allowing a temperature and moisture sensor to be integrated into an RFID inlay, bypassing the need for a battery-powered sensor.

## **An unmatched, combined portfolio**

Our combined Intelligent Labels business now offers an unparalleled product portfolio and global capabilities to deliver at high scale across multiple production facilities in Asia, Europe, and the Americas. We'll also leverage the expansive technology and innovation expertise, and comprehensive offering, to help converters find new ways to grow their business with Intelligent Labels.

### → **More than the sum of the parts**

The Smartrac acquisition means Avery Dennison can better serve the Intelligent Label needs of our converters with the following:

- The most experienced RFID team in the industry
- Unbeatable R&D capabilities
- The broadest product portfolio in the industry
- Unparalleled global channel and customer reach
- 1,750+ patents
- Only company with ARC certification for quality
- 10B global capacity per year
- 7 manufacturing facilities

From a practical and more immediate standpoint, converters now have access to the combined Smartrac and Avery Dennison RFID / Intelligent Label product portfolios. The combined portfolio, along with our pressure-sensitive materials, offers more product choices with the same high quality, service, and technical support standards you've come to expect.

"We believe in a future where every physical item will have a unique digital identity and digital life, which will transform the visibility of products throughout the supply chain, all the way

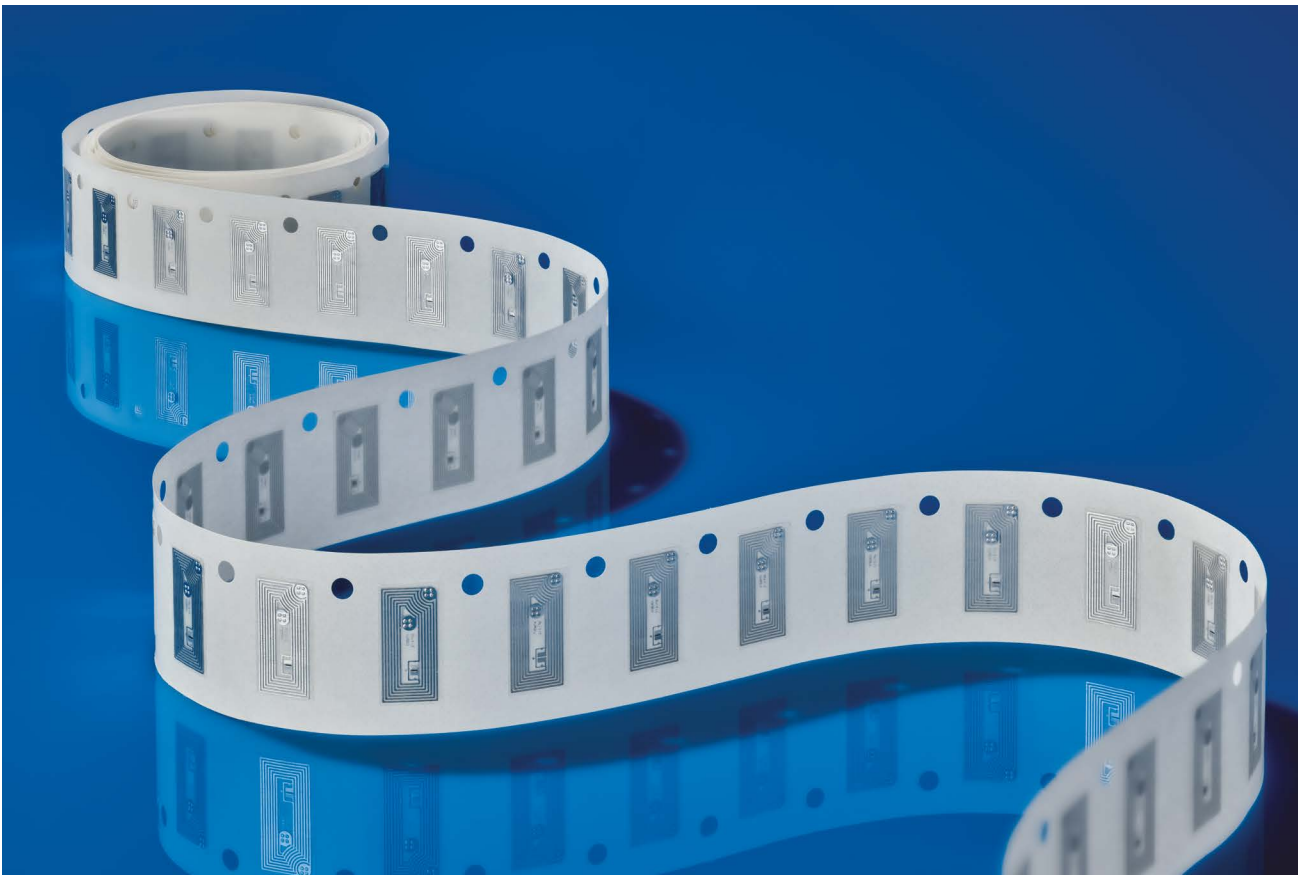
to the consumer, helping to improve efficiencies, increase sustainability, and enhance consumer experience," said Francisco Melo, vice president and general manager, intelligent labels for Avery Dennison. "The capabilities of Smartrac will enable us to continue delivering on this vision across multiple verticals."

This seems like the perfect time. RFID is approaching a tipping point, enabling transformation across multiple market segments. RFID is playing a role in improving food safety, helping brands fight counterfeiting and engage with customers, enabling retailers to effectively manage inventory and control losses, helping pharmaceutical manufacturers ensure patient safety, and so much more.

### **See for yourself**

We've added the full Avery Dennison RFID portfolio to the product selector at [smartrac-group.com](http://smartrac-group.com), so you have a one-stop-shop of all that's available. From the site home page, click on "Product," then go to the Product & Solution Finder.

For more information about the Smartrac acquisition, our newly combined portfolio, or opportunities to expand your business with Intelligent Label solutions, contact your Avery Dennison representative. **AD**



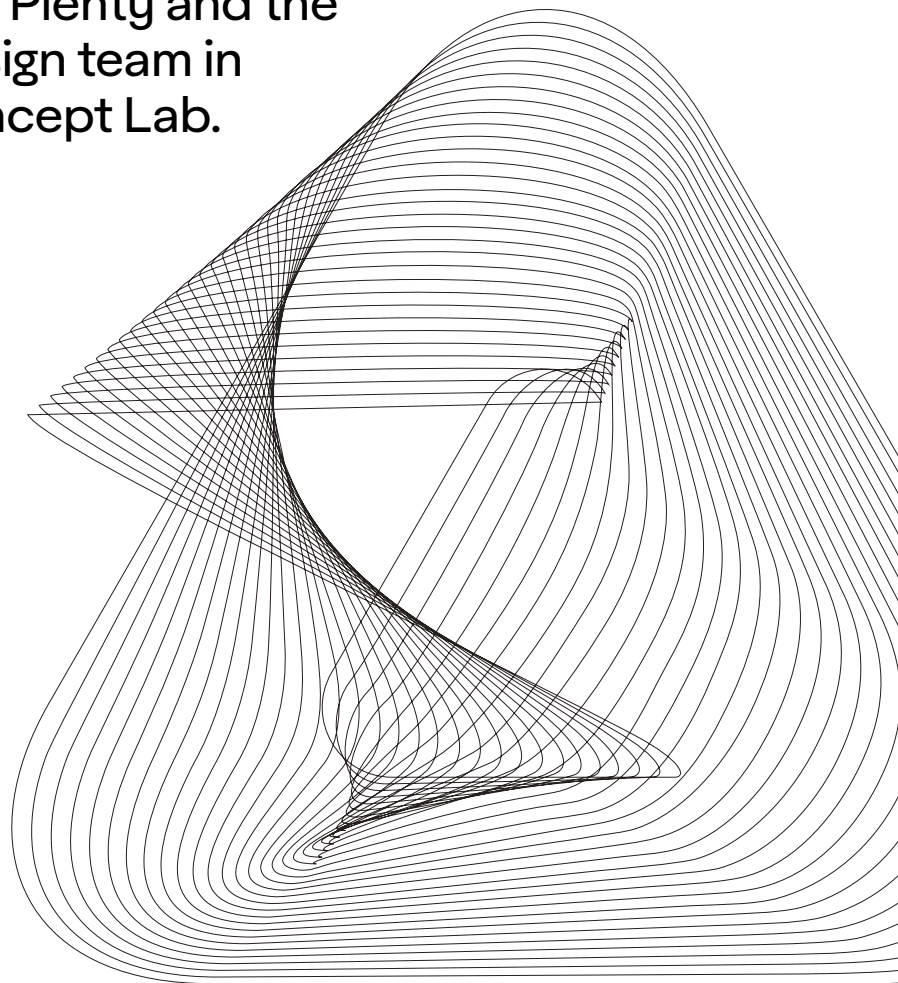
A collaboration born  
of a shared passion.

To create a brand that reflects their modern spirit and could grow along with their new business venture, Away Days Brewing Co. worked with design and branding studio Land of Plenty and the label and packaging design team in the Avery Dennison Concept Lab.

The Concept Lab worked in collaboration with Land of Plenty to bring the labels and environmental graphics to life. Choosing the right material is very important in any label application, and was especially so for the Away Days Brewing Co. labels. For this project the team went with a 2.4 mil white BOPP material. The spot matte varnish shows the attention to detail and helps elevate the brand. For the environmental graphics we used materials from our Graphics Solutions portfolio.

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To learn more about this project and other concept lab insights, visit [my-muse.com](https://my-muse.com).









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# BEER WORTH TRAVELLING FOR

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|                      |             |
|----------------------|-------------|
| Monday - Tuesday     | Closed      |
| Wednesday - Thursday | 4pm - 10pm  |
| Friday - Sunday      | 12pm - 10pm |

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[WWW.AWAYDAYS BREWING.COM](http://WWW.AWAYDAYS BREWING.COM)  
[@AWAYDAYS BREWING](https://www.instagram.com/awaydaysbrewing)

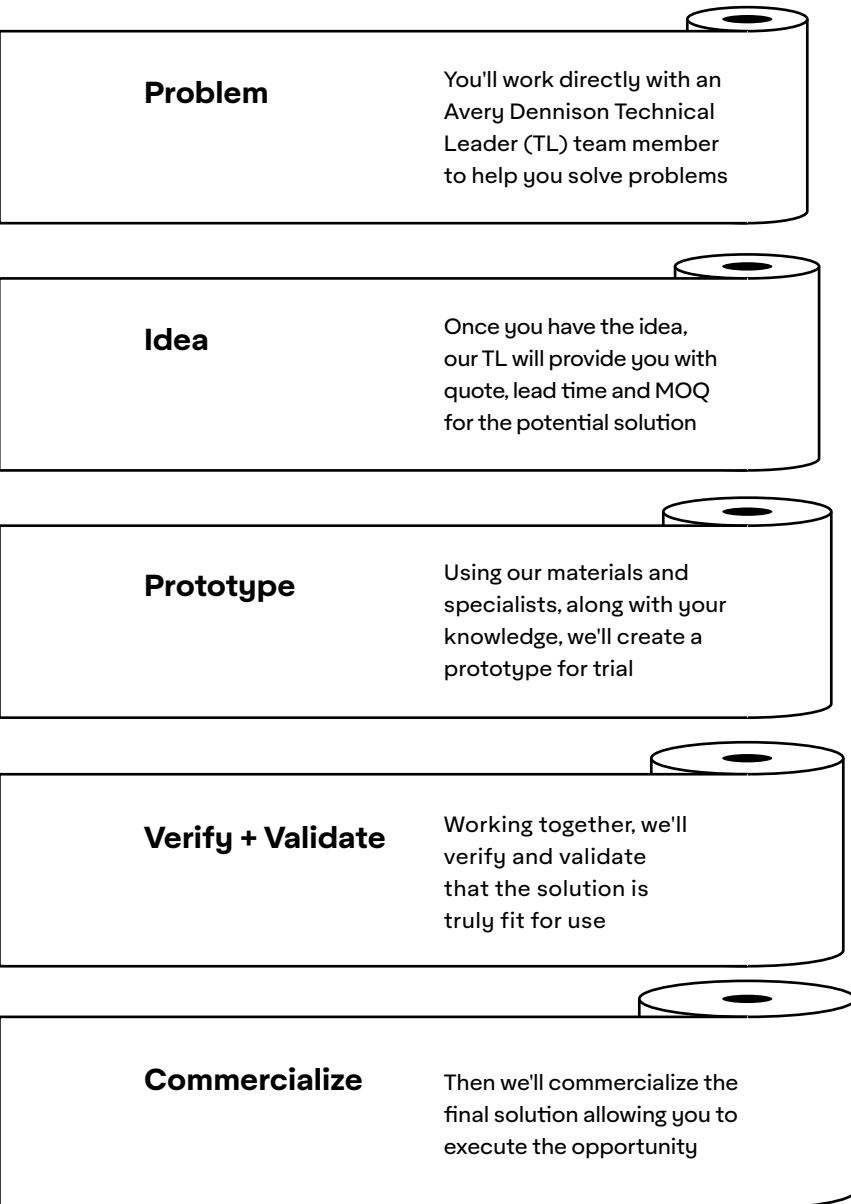




# Customization is an Expert Away



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



**Collaboration. Validation.  
Commercialization.**

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

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

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

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

**Mix &  
Match  
Product →**

# Engineered Solutions and Mix & Match Product Examples

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

## Versatile, flexible way to create select label solutions






Unique product examples

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



### Adhesive Matrix

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

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

AD Connect Q2 | 20



# Select Solutions™ Cover-up Portfolio

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

## Portfolio Characteristics

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

## Applications

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



| Drug Facts  | Purpose   |
|---|---|
| Active ingredients<br>Ibuprofen 100mg   | Analgesic/Anti-inflammatory                               |
| Inert ingredients<br>Sodium hydroxide 0.005%  | Analgesic/Anti-inflammatory                               |
| Uses<br>Relieves minor aches and pains due to arthritis   |   |
| Warnings<br>Do not use if you have ever had an allergic reaction to this product or any of its ingredients.<br>Ask a dentist before use if you have lost or kidney disease your doctor should determine if you need a different dose. |   |
| Directions<br>Take with food and seek medical help right away if allergic reaction<br>Keep out of reach of children. In case of overdose, get medical help or contact your local poison center at 1-800-232-1232.                     |   |
| Directions<br>Rapidly swish in mouth for 30 seconds then spit out do not swallow  |   |
| Age   |   |
| Adults and children 12 years and older  | This is not intended to replace a prescription or filling |
| Children 6 years to under 12 years  | 20mg, every 12 hours do not use more                      |
| Children under 6 years of age   | ask a doctor or your pharmacist                           |
| Inactive ingredients<br>water, 2% hydroxyethylcellulose, purified water, polyethylene glycol, potassium acetate, sodium hydroxide, sodium benzoate  |   |

PLASTIC BOTTLE  
ibuprofen suspension

40 FOR SALE

T09-04-10000-0000-000-000-13



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

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

# Automotive Portfolio

Performance that goes the distance

## Portfolio Characteristics

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

## Applications

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



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

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

# Point-of-Purchase Tire Label Portfolio

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

## Portfolio Characteristics

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

## Applications

- Tires



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

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

# Appliance Portfolio

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

## Portfolio Characteristics

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

## Applications

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



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

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

# Drum Portfolio

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

## Portfolio Characteristics

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

## Applications

- Containers
- Drums

All specifications are BS 5609 section 2 certified.





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

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

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

# Fire Extinguisher Portfolio

New UL® 299 recognized solutions

## Portfolio Characteristics

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

## Applications

- Fire extinguishers
- Safety equipment



AD Connect Q2 | 20

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

PVL=Painesville, OH WCT=West Coast

# HVAC Portfolio

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

## Portfolio Characteristics

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

## Applications

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



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

\*UL®-recognized

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

QTN=Quakertown, PA PTC=Peachtree City, GA FTW=Fort Wayne, IN

# Lawn and Garden Portfolio

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

## Portfolio Characteristics

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

## Applications

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



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

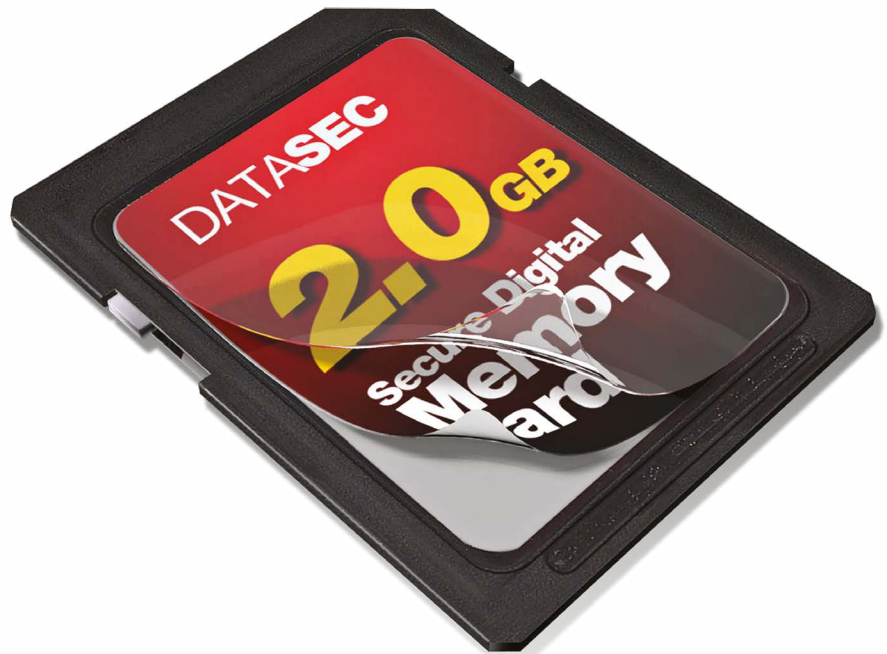
NEE= Neenah, WI PVL=Painesville, OH FTW=Fort Wayne, IN

# Overlaminates Portfolio

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

## Portfolio Characteristics

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





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

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

# Outdoor Overlaminates Portfolio

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

## Portfolio Characteristics

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

## Applications

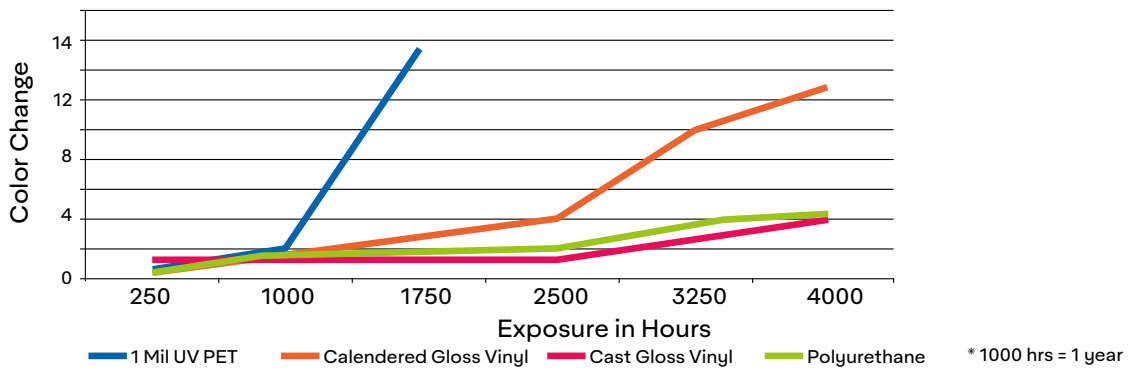
- Harsh environments and tough outdoor exposures to items, such as: heat, cold, rain, snow, chemicals, lubricating oils or gasoline



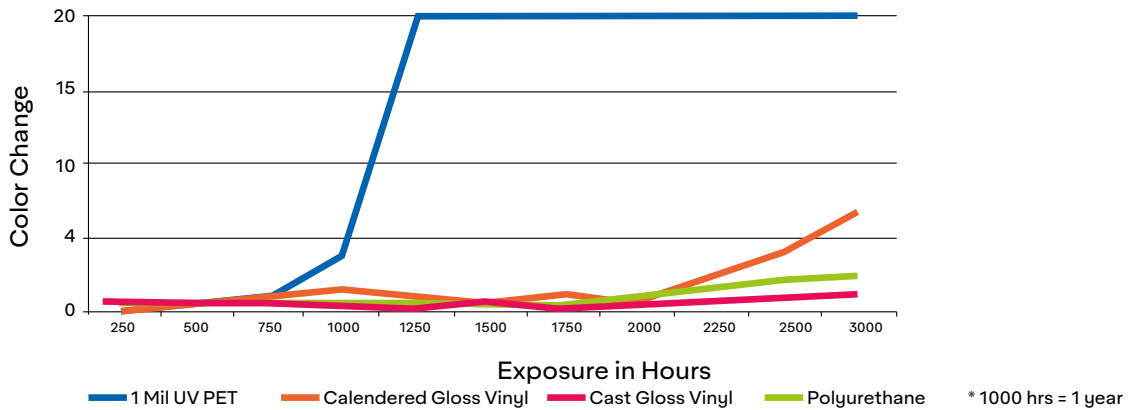
| Spec# | Product Description                              | Width/ Length (In./Ft.) | Location | Lead Time |
|-------|--|-------------------------|----------|-----------|
| 80051 | 2 Mil Cast Gloss Vinyl/S659/1.5 Mil PET          | Stock 60/300            | PVL      | Next Day  |
| 80052 | 3 Mil Calendered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

PVL=Painesville, OH

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



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



# Safety and Warning Labels Portfolio

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

## Portfolio Characteristics

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

## Applications

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



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

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

# Validation Decal Portfolio

## Portfolio Characteristics

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

## Applications

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



**50# SCK Liner**

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

**90# Stay-Flat Liner**

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

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

# Select Solutions™ Food Safety and Rotation Portfolio

Dissolvables and Removables identify and safeguard

## Portfolio Characteristics

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

## Applications

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





| Spec# | Product Description                | Width/Length (In./Ft.) | Location | Lead Time |
|-------|------------------------------------|------------------------|----------|-----------|
| 15666 | Dissolvable FSC®/S2600/40#SCK      | 45/1668                | PVL/DAL  | Next Day  |
|       |                                    | Ready Width™ 15.5/5000 | DAL      | Next Day  |
|       |                                    | Ready Width™ 13/5000   | DAL      | Next Day  |
|       |                                    | Ready Width™ 9/5000    | DAL      | Next Day  |
| 79751 | Dissolvable Paper FSC®/S2600/69#MF | 45/5600 Custom Coat    | PVL      | 5 Days    |
| 54353 | Dispersable FSC®/S2600/40#SCK      | 54/1668                | DAL/PVL  | Next Day  |
| 54443 | DT Dissolvable FSC®/S2600/40#SCK   | 45/1668                | PVL      | Next Day  |
|       |                                    | EXACT™/5000            | PVL      |           |

PVL=Painesville, OH DAL=Dallas, TX

# Rapid-Roll® Flexible Packaging Portfolio

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

## Portfolio Characteristics

- Rapid-Roll FlexPak™ Portfolio features both film-faced and paper-faced pouch materials
- High-barrier sealant films keep contents safely inside
- Select from single-ply to multi-ply lamination combinations to best fit your needs
- New Stand Up Pouch laminations featuring 3 mil sealant films and PET facestocks. Great for direct form, fill and seal, as well as pre-made pouches
- Converting and co-packer education and testing available
- High-impact graphic capability for maximum branding and shelf appeal
- Visit [label.averydennison.com/rapidroll](http://label.averydennison.com/rapidroll) for the complete flexible packaging portfolio offering

## Applications

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



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

NEE=Neenah, WI WCT=West Coast

# Reclosure Portfolio

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

## Portfolio Characteristics

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





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

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



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

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



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

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



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

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

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

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

# Rapid-Roll® Shrink Sleeve Portfolio

## Portfolio Characteristics

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

## Applications

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

\*Applies to 80059



| <b>Spec#</b> | <b>Product Description</b>                | <b>Service</b> | <b>Location</b> |
|--------------|---|----------------|-----------------|
| 79765        | 50 Micron Clear High Shrink PETG          | EXACT™         | DAL, QTN        |
| 80059        | 50 Micron Eklipse™ Shrink PETG            | EXACT™         | DAL             |
| 79793        | 50 Micron Echo High Shrink Co-Polyester   | Stock          | DAL             |
| 79943        | 45 Micron Clear High Shrink PETG          | Stock          | QTN             |
| 79767        | 50 Micron Clear Medium Shrink PETG        | Stock          | DAL, QTN        |
| 79766        | 50 Micron Clear Med Shrink PETG ITC       | Stock          | NEE             |
| 79792        | 50 Micron Echo Medium Shrink Co-Polyester | Stock          | DAL             |
| 79551        | 50 Micron PVC Shrink                      | Custom         | NEE             |
| 79636        | 60 Micron PETG OPT Bright                 | Custom         | NEE, QTN        |

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

# Intelligent Label Portfolio

Solutions for an intelligent, connected and interactive world

## Portfolio Characteristics

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

## Applications

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



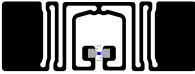
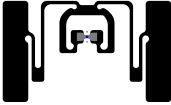














**UHF RFID INLAYS**  
**860-960 MHz, ISO 18000-6C, EPC Class 1 Gen 2**

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

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

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

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

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

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

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

# Security Portfolio

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

## Portfolio Characteristics

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

## Applications

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



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

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

# Direct Mail Portfolio

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

## Portfolio Characteristics

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

## Applications

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



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

# Fluorescent Portfolio

Fluorescents identify and safeguard

## Portfolio Characteristics

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

## Applications

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





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

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

# Bumper Sticker Portfolio

Durable constructions that get noticed

## Portfolio Characteristics

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

## Applications

- Automotives and fleet
- Promotional materials



## Promotion

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

PVL = Painesville, OH

# Select Solutions™ Kiddie Sticker Portfolio

Label constructions that help  
put smiles on faces

## Portfolio Characteristics

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

## Applications

- Books
- Toys and games
- Promotional materials
- Scrapbooking



Promotion

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

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

# Removables Portfolio

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

## Portfolio Characteristics

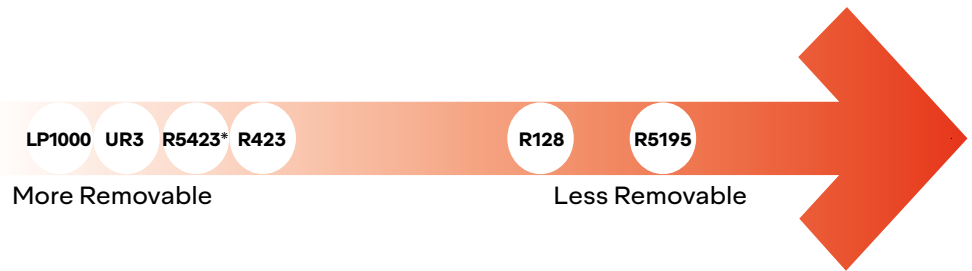
- More than 40 label constructions featuring nine adhesives that include technologies such as microsphere, solvent acrylic, emulsion acrylic and hot melt rubber
- Designed to perform in specific applications on various substrates, such as: plastic, glass, metal and paper

## Applications

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



# Paper



## Removable Adhesives for Paper Components

### Select Solutions Ultra Removable

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

### Removable

|                |  |
|----------------|--|
| R423/<br>R5423 | Removable, low peel adhesive featuring long-term removability, and excellent die cutting and stripping characteristics. Particularly suited for wallpaper promotional labels, high gloss book covers and shelf marking. R5423 is an excellent solution for Monroney labels.  |
| R128           | Removable rubber-based adhesive with high initial tack, internal strength and stable adhesion. R128 is recommended where clean removability is of primary importance. Adhesive can be used on a variety of substrates including glass, metal, plastic and others.  |
| R5195          | General purpose removable adhesive featuring moderate initial tack and minimal adhesion build over time. Its consistent level of adhesion and long-term removability make it suitable for applications on substrates such as glass and plastics. Proven successful for shelf and tote marking used in logistical tracking. |

# Paper

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

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

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



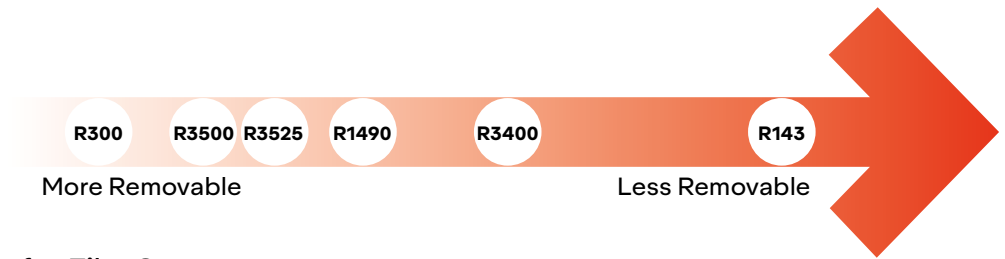
## Paper Products and Service Programs

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

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

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

# Film



## Removable Adhesives for Film Components

### Select Solutions Ultra Removable

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

### Removable

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

# Film

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

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

Recommended - Test in actual application

Recommended - Tighter adhesion

Not Recommended

## Film Products and Service Programs

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

| Spec#        | Product Description                             | Width/Length<br>(In./Ft.) | Location | Lead Time |
|--------------|---|---------------------------|----------|-----------|
| <b>R300</b>  |   |                           |          |           |
| 75150        | Fasson® 2 Mil Clear BOPP TC/R300/1 Mil PET      | 60/1668                   | PVL      | Next Day  |
| 77563        | Fasson® 2.6 Mil White BOPP TC/R300/40#BG        | EXACT™/5000               | PVL      | Next Day  |
| 77652        | Fasson® 2.3 Mil White BOPP TC/R143/1.2 Mil PET  | 54/2500                   | PVL      | 5 Days    |
| <b>R3500</b> |   |                           |          |           |
| 77461        | Fasson® 2.3 Mil White BOPP TC/R3500/1.2 Mil PET | EXACT™/10000              | NEE      | Next Day  |
| 77462        | Fasson® 2 Mil Clear BOPP TC/R3500/1.2 Mil PET   | EXACT™/15000              | NEE      | Next Day  |
| 78148        | Fasson® 2 Mil Clear BOPP TC/R3500/40#SCK        | EXACT™/5000               | NEE      | Next Day  |
| 78149        | Fasson® 2.3 Mil White BOPP TC/R3500/40#SCK      | EXACT™/5000               | PVL      | Next Day  |
| <b>R3525</b> |   |                           |          |           |
| 79625        | Fasson® 2 Mil CL BOPP TC/R3525/1.2 Mil PET      | 60/1668                   | PVL      | 4 Days    |
| <b>R1490</b> |   |                           |          |           |
| 79008        | Fasson® 2.3 Mil White BOPP TC/R1490/1.2 Mil PET | 60/1000                   | PVL      | 7 Days    |
| <b>R3400</b> |   |                           |          |           |
| 78201        | Fasson® 2 Mil Clear BOPP TC/R3400/40#BG         | 60/1668                   | PVL      | Next Day  |
| 78632        | Fasson® 2.3 Mil White BOPP TC/R3400/1.2 Mil PET | 60/1668                   | PVL      | Next Day  |
| 79657        | Fasson® 2 Mil Met BOPP TC/R3400/1.2 Mil PET     | 54/4630                   | PVL      | 5 Days    |
| 78860        | Fasson® 2 Mil Clear BOPP TC/R3400/1 Mil PET     | 60/1668                   | PVL      | Next Day  |
| <b>R143</b>  |   |                           |          |           |
| 75394        | Fasson® PRIMAX® 350/R143/1.5 Mil PET            | EXACT™/5000               | PVL      | Next Day  |
| 77967        | Fasson® PRIMAX® 350/R143/50#SCK ABC             | EXACT™/5000               | PVL      | Next Day  |
| 78578        | Fasson® 2 Mil Clear BOPP TC/R143/1.2 Mil PET    | 60/1000                   | PVL      | Next Day  |
| 77652        | Fasson® 2.3 Mil White BOPP TC/R143/1.2 Mil PET  | 54/2500                   | PVL      | 5 Days    |

PVL=Painesville, OH NEE=Neenah, WI

# Select Solutions™ Apparel Portfolio

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

## Portfolio Characteristics

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

## Applications

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



Retail and Shelf

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

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

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

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

FTW=Fort Wayne, IN PVL=Painesville, OH

# Select Solutions™ Tag Stock Portfolio

Multipurpose for multitasking

## Portfolio Characteristics

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

## Applications

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





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

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

# Select Solutions™ Candle and Soap Portfolio

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

## Portfolio Characteristics

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

## Applications

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



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

PVL=Painesville, OH

# Select Solutions™ Holographic Portfolio

Light and reflection bring brands to life

## Portfolio Characteristics

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

## Applications

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



|                           | <b>Spec#</b> | <b>Product Description</b>                         | <b>Width/Length<br/>(In./Ft.)</b> | <b>Location</b> | <b>Lead<br/>Time</b> |
|---------------------------|--------------|--|-----------------------------------|-----------------|----------------------|
| <b>Holographic Films</b>  | 78976        | 2 Mil Powder PET/S692N/50#SCK                      | 39/1000                           | PVL             | 4 Days               |
|                           | 78973        | 2 Mil Sparkles PET/S692N/50#SCK                    | 39/1000                           | PVL             | 4 Days               |
|                           | 78971        | 2 Mil Crystals PET/S692N/50#SCK                    | 39/1000                           | PVL             | 4 Days               |
|                           | 79016        | 2 Mil Rainbow OPP/S692N/40#SCK                     | EXACT™/5000                       | PVL             | Next Day             |
|                           | 79072        | 2 Mil Crystal OPP/S692N/40#BG                      | 54/1000                           | PVL             | 4 Days               |
|                           | 79579        | 2 Mil Rainbow Seamless PET/S692N/50#SCK            | 30/2500                           | PVL             | 4 Days               |
| <b>Holographic Papers</b> | 02391        | Fasson® FasPrism™ Iridesc/S246/40#SCK              | EXACT™/5000                       | PTC             | Next Day             |
|                           | 08753        | Fasson® FasPrism™ Shear/S246/40#SC                 | 30/1500                           | PTC             | 4 Days               |
|                           | 10938        | Fasson® FasPrism™ Ice/S246/40#SCK                  | 30/1500                           | PTC             | 4 Days               |
|                           | 12071        | Fasson® FasPrism™ Glitter + II/S246/40#SCK         | 30/1500                           | PTC             | 4 Days               |
|                           | 53786        | Fasson® FasPrism™ Rainbow Seamless/<br>S246/40#SCK | 30/1500                           | PTC             | 4 Days               |
|                           | 13645        | Fasson® FasPrism™ Iridesc/R128/40#SCK              | 30/1500                           | PTC             | 5 Days               |
|                           | 19866        | Fasson® FasPrism™ Irid/AT20/44#PK                  | 61/4167                           | PVL             | 5 Days               |

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

# Select Solutions™

## Natural Kraft Paper Portfolio

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

### Portfolio Characteristics

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

### Applications

- Spirits
- Industrial
- Packaging



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

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

# Select Solutions™ Piggyback Portfolio

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

## Portfolio Characteristics

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

## Applications

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





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

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

# Select Solutions™ Transfer Tape Portfolio

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

## Portfolio Characteristics

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

## Applications

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



## Transfer Tape

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

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

# Wine and Spirits Portfolio

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

## Portfolio Characteristics

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

## Applications

- Wine
- Spirits



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

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

| Spec#                      | Product Description   | Width/Length<br>(In./Ft.) | Location | Lead Time |
|----------------------------|---|---------------------------|----------|-----------|
| <b>Uncoated Papers</b>     |   |                           |          |           |
| 54480                      | 60# Fasson® Crush 15% Citrus 40% PCW<br>Wet-Strength FSC® /AT20/1.2 Mil PET   | 60/1668                   | FTW      | Next Day  |
| 54474                      | 60# Fasson® 25% Hemp 75% PCW/AT20/40#SCK                                      | 60/1668                   | FTW      | Next Day  |
| 53248                      | Fasson® 60# Luna Wet-Strength<br>FSC®/S100R/1.2 Mil PET                       | 60/1668                   | FTW      | Next Day  |
| 53243                      | Fasson® 70# Royal White Wet-Strength<br>FSC®/S100RB/1.2 Mil PET               | 60/1668                   | FTW      | Next Day  |
| 53964                      | Fasson® 74# Global White Wet-Strength<br>FSC®/S100RB/1.2 Mil PET              | 39/1668                   | PVL      | Next Day  |
| <b>Black Collection</b>    |   |                           |          |           |
| 54305                      | Fasson® Black Velvet/S100RB/1.2 Mil PET                                       | 39/1668                   | PVL      | Next Day  |
| 16256                      | Fasson® 60# Black Vellum/S100R/44#PK  | 30/4200                   | PVL      | 5 Days    |
| 53660                      | Fasson® 60# Black Vellum/S100R/1.2 Mil PET                                    | 30/1668                   | PVL      | Next Day  |
| 53949                      | Fasson® 70# Classic® Laid Epic Black<br>FSC®/S100RB/1.2 Mil PET               | 30/1668                   | PVL      | Next Day  |
| 53962                      | Fasson® 60# Estate Label® No. 25 Black<br>Wet-Strength FSC®/S100R/1.2 Mil PET | EXACT™ 60/5000            | FTW      | 5 Days    |
| 54304                      | Fasson® 74# Night Skye Black Wet-Strength<br>FSC®/S100RB/1.2 Mil PET          | 60/1668                   | FTW      | Next Day  |
| <b>Luminous Collection</b> |   |                           |          |           |
| 53663                      | Fasson® 67# Brushed Platinum<br>Wet-Strength/AT20N/1.2 Mil PET                | 30/1668                   | WCT      | Next Day  |
| 19923                      | Fasson® 60# Frozen Orion Diamond<br>Wet-Strength FSC®/AT20/44#PK              | 30/1668                   | PVL      | Next Day  |
| 53301                      | Fasson® 60# Frozen Orion Diamond<br>Wet-Strength FSC®/AT20/1.2 Mil PET        | 30/1668                   | PVL      | Next Day  |
| 54304                      | Fasson® 74# Night Skye Black<br>Wet-Strength FSC®/S100RB/1.2 Mil PET          | 60/1668                   | FTW      | Next Day  |
| 54303                      | Fasson® 74# Snowbound White<br>Wet-Strength FSC®/S100RB/1.2 Mil PET           | 60/1668                   | FTW      | Next Day  |
| 53328                      | Fasson® 64# Sparkling Asti<br>Wet-Strength FSC®/Z3338/1.2 Mil PET             | 60/1668                   | WCT      | Next Day  |
| 53246                      | Fasson® 64# White Pearl<br>Wet-Strength FSC®/S100R/1.2 Mil PET                | 60/1668                   | FTW      | Next Day  |
| 16482                      | Fasson® 60# White Shursheen/S100R/44#PK                                       | 60/1668                   | WCT      | Next Day  |

| Spec#                              | Product Description   | Width/Length<br>(In./Ft.) | Location | Lead Time |
|------------------------------------|---|---------------------------|----------|-----------|
| <b>Sensorial Collection</b>        |   |                           |          |           |
| 53662                              | Fasson® 128# Birch Wood/AT20N/1.2 Mil PET                             | 39/1000                   | PVL      | 5 Days    |
| 54305                              | Fasson® Black Velvet/S100RB/1.2 Mil PET                               | 39/1668                   | PVL      | Next Day  |
| 16912                              | Fasson® 70# Cambric Birch/S100RB/44#PK                                | 30/1668                   | WCT      | Next Day  |
| 53605                              | Fasson® 119# Cherry Wood/AT20N/1.2 Mil PET                            | 39/1000                   | PVL      | 5 Days    |
| 54188                              | Fasson® 80# Cotton White<br>Tree Free/S100RB/1.2 Mil PET              | 39/1668                   | PVL      | Next Day  |
| 54477                              | 70# Fasson® 100% Pure Cotton Wet-Strength<br>/S100RB/1.2 Mil PET      | 78/1668                   | FTW      | Next Day  |
| 54479                              | 70# Fasson® 25% Black Cotton Feel Wet-Strength<br>/S100RB/1.2 Mil PET | 78/1668                   | FTW      | Next Day  |
| 54478                              | 70# Fasson® 25% Cotton Feel Wet-Strength<br>/S100RB/1.2 Mil PET       | 78/1668                   | FTW      | Next Day  |
| 54284                              | Fasson® Ruby Velvet/S100RB/1.2 Mil PET                                | 39/1668                   | PVL      | Next Day  |
| <b>Matte Litho (Coated) Papers</b> |   |                           |          |           |
| 19801                              | Fasson® 60# Matte Litho WN/S100R/44#PK                                | 60/1668                   | SEA      | Next Day  |
| 19803                              | Fasson® 60# Matte Litho WN/S100R/1.2 Mil PET                          | EXACT™ 60/5000            | SEA      | Next Day  |
| 19298                              | Fasson® 60# Matte Litho Wet-Strength<br>/AT20/44#PK                   | 78/1668                   | FTW      | Next Day  |
|                                    |   | EXACT™ 78/5000            | SEA      | Next Day  |
| <b>Glossy Papers</b>               |   |                           |          |           |
| 19525                              | Fasson® 70# Premium High Gloss/AT20/1.5 Mil PET                       | 60/1668                   | WCT      | Next Day  |
| 17351                              | Fasson® 60# Cast Gloss FSC®/AT20/44#PK                                | 60/1668                   | FTW      | Next Day  |
| 19637                              | Fasson® 60# Cast Gloss FSC®/AT20N/1.2 Mil PET                         | EXACT™ 60/10000           | FTW, WCT | Next Day  |
| B2405                              | Fasson® 60# Cast Gloss/AT20N/1.2 Mil PET                              | EXACT™ 60/10000           | FTW, WCT | 2 Day     |
| 19638                              | Fasson® 60# Cast Gloss FSC®/S100R/1.2 Mil PET                         | EXACT™ 60/7500            | MTL      | Next Day  |
|                                    |   | EXACT™ 60/10000           | WCT      | Next Day  |
| B2505                              | Fasson® 60# Cast Gloss/S100R/1.2 Mil PET                              | EXACT™ 60/7500            | MTL      | Next Day  |
|                                    |   | EXACT™ 60/10000           | WCT      | Next Day  |
| 01606                              | Fasson® 60# Cast Gloss FSC®/S100R/44#PK                               | 60/1668                   | FTW      | Next Day  |
|                                    |   | EXACT™ 60/5000            | WCT      | Next Day  |
| 19655                              | Fasson® 60# Semi-Gloss Elite™ WN FSC®/AT20N<br>/1.2 Mil PET           | 60/1668                   | FTW      | Next Day  |
|                                    |   | EXACT™ 60/10000           | WCT      | Next Day  |
| 53363                              | Fasson® 60# Semi-Gloss Elite™ FSC®<br>/S100R/1.2 Mil PET              | 60/1668                   | WCT      | Next Day  |



| Spec#                            | Product Description  | Width/Length (In./Ft.)       | Location      | Lead Time |
|----------------------------------|--|------------------------------|---------------|-----------|
| <b>Films</b>                     |  |                              |               |           |
| 79113                            | Fasson® 2 Mil Clear BOPP TC/Z3300/1.2 Mil PET                                  | 60/4167                      | PVL           | 5 Days    |
| 79370                            | Fasson® 2 Mil Metallized BOPP TC/Z3300/1.2 Mil PET                             | 60/4167                      | PVL           | 10 Days   |
| 79683                            | Fasson® High Performance FasClear® TC/S7000 /1.2 Mil Polyester                 | 78/5000                      | WCT           | 1 Day     |
|                                  |  | 78/10000                     | QTN           | 1 Day     |
| 79684                            | Fasson® High Performance PRIMAX® TC/S7000 /1.2 Mil Polyester                   | 78/10000                     | QTN           | 1 Day     |
| <b>HP Indigo Press Printable</b> |  |                              |               |           |
| 53844                            | Fasson® 60# Estate Label® No. 4 Wet-Strength FSC® ITC/S100R/1.2 Mil PET        | 60/4167                      | PVL           | 10 Days   |
| 19991                            | Fasson® 60# Estate Label® No. 4 Wet-Strength FSC® ITC/S100R/44#PK              | 12/5000                      | FTW           | 1 Day     |
| 19915                            | Fasson® 60# Estate Label® No. 8 Wet-Strength FSC® ITC/S100R/44#PK              | 12/5000                      | FTW, WCT, SEA | 1 Day     |
|                                  |  | 13/5000                      | FTW           | 1 Day     |
|                                  |  | 10/5000                      | WCT, FTW      | 1 Day     |
| 19957                            | Fasson® 60# Estate Label® No. 8 Wet-Strength FSC® ITC/S100R/1.2 Mil PET        | 12/5000                      | FTW           | 1 Day     |
|                                  |  | 10/5000, 13/5000             | FTW           | 1 Day     |
| 53338                            | Fasson® 60# Estate Label® No. 8 Wet-Strength FSC® ITC/AT20N/1.2 Mil PET FSC    | 12/5000                      | WCT, FTW      | 1 Day     |
| 19959                            | Fasson® 60# Estate Label® No. 9 Wet-Strength FSC® ITC/S100R/44#PK              | 10/25000, 12/25000, 13/25000 | FTW           | 4 Days    |
| 53271                            | Fasson® 60# Classic Crest® Solar White Wet-Strength FSC® ITC/S100R/1.2 Mil PET | 12/5000                      | FTW           | 4 Days    |
|                                  |  |                              | WCT           | 1 Day     |
| 19962                            | Fasson® 60# Classic Crest® Solar White Wet-Strength FSC® ITC/S100R/44#PK       | 12/5000                      | WCT, FTW      | 1 Day     |
| 19987                            | Fasson® 60# Cast Gloss ITC FSC®/AT20N/1.2 Mil PET                              | 12/5000                      | WCT, FTW      | 1 Day     |
| 19961                            | Fasson® 60# Matte Litho ITC/S100R/44#PK  | 12/5000                      | FTW           | 13 Days   |
| 53102                            | Fasson® 60# Matte Litho Wet-Strength ITC/ AT20/44#PK                           | 10/5000                      | FTW           | 4 Days    |
|                                  |  |                              | FTW, SEA      | 1 Day     |
| 53127                            | Fasson® 70# Bright White Felt Wet-Strength FSC® ITC/S100RB/44#PK               | 10/5000                      | WCT, FTW, SEA | 1 Day     |
|                                  |  | 13/5000                      | WCT, FTW      | 1 Day     |
|                                  |  | 12/5000                      | FTW           | 7 Days    |
| 53384                            | Fasson® 70# Royal White FSC® ITC/Z3338B/1.2 Mil PET                            | 12/25000                     | FTW           | 7 Days    |
| 53340                            | Fasson® 70# Eggshell Felt FSC® ITC/S100RB/1.2 Mil PET                          | 13/5000                      | WCT, FTW      | 1 Day     |
|                                  |  | 12/5000                      | WCT, FTW      | 1 Day     |
| 53493                            | Fasson® 128# Birch Wood ITC/AT20N/40#SCK                                       | 13/10000                     | FTW           | 8 Days    |
| 53606                            | Fasson® 119# Cherry Wood ITC/AT20N/1.2 Mil PET                                 | 13/10000                     | FTW           | 8 Days    |

| Spec#  | Product Description  | Width/Length<br>(In./Ft.) | Location | Lead Time |
|--|--|---------------------------|----------|-----------|
| <b>Laminated Foils and Metallized Papers</b> |  |                           |          |           |
| 15789  | Fasson® 70# Bright Silver Laminated Foil/<br>S100R/44#PK                                 | 60/1668                   | PVL      | Next Day  |
| 53459  | Fasson® 70# Dull Silver Laminated Foil/AT20<br>/1.5 Mil PET                              | 60/1668                   | WCT      | Next Day  |
|  |  | EXACT™ 60/10000           | WCT      | Next Day  |
| 53351  | Fasson® 56# MaxFlex™ Bright Silver<br>FSC®/S100R/44#PK                                   | 60/1668                   | FTW, WCT | Next Day  |
|  |  | EXACT™ 60/5000            | WCT      | Next Day  |
| 53352  | Fasson® 56# MaxFlex™ Bright Silver<br>FSC®/AT20/40#SCK                                   | EXACT™ 60/5000            | FTW      | Next Day  |
|  |  | EXACT™ 60/10000           |          | Next Day  |
| 53380  | Fasson® 56# MaxFlex™ Bright Silver<br>FSC®/AT20/1.0 Mil PET                              | EXACT™ 60/10000           | PVL      | Next Day  |
| 53381  | Fasson® 56# MaxFlex™ Bright Silver<br>FSC®/AT20/1.2 Mil PET                              | EXACT™ 60/10000           | PVL, WCT | Next Day  |
| <b>Welded Papers</b>                         |  |                           |          |           |
| 53325  | Fasson® 60# Uncoated Litho Wet-Strength FSC®<br>/OPP Weld/Z3338/1.2 Mil PET              | 60/10000                  | FTW      | 5 Days    |
| 53007  | Fasson® 60# Uncoated Litho Wet-Strength FSC®<br>/OPP Weld /AT20N/1.2 Mil PET             | 60/10000                  | WCT      | 1 Day     |
| 53918  | Fasson® 60# Uncoated Litho Wet-Strength FSC®<br>/OPP Weld/S100R/1.2 Mil PET              | 60/10000                  | FTW      | 5 Days    |
| 53933  | Fasson® 60# Estate Label® No. 4 Wet-Strength<br>FSC®/PET/AT20N 1.2 Mil PET               | 60/4167                   | PVL      | 10 Days   |
| 53696  | Fasson® 60# Estate Label® No. 8 Wet-Strength FSC®<br>Weld/OPP Weld/S100RB/1.2 Mil PET    | 60/10000                  | FTW      | 5 Days    |
| 53024  | Fasson® 60# Estate Label® No. 8 Wet-Strength<br>FSC®/PET Weld/S100RB/1.2 Mil PET         | 60/5000                   | WCT      | 1 Day     |
| 53816  | Fasson® 60# Estate Label® No. 8 Wet-Strength<br>FSC®/PET Weld/AT20N/1.2 Mil PET          | 60/4167                   | PVL      | 10 Days   |
| 18523  | Fasson® 60# Estate Label® No. 8 Wet-Strength<br>FSC®/PET Weld/AT20N/44#PK                | 60/4167                   | PVL      | 10 Days   |
| 19838  | Fasson® 60# Estate Label® No. 9 Wet-Strength<br>FSC®/PET Weld/S100RB/44#PK               | 60/4167                   | PVL      | 10 Days   |
| 53817  | Fasson® 60# Estate Label® No. 9 Wet-Strength<br>FSC®/PET Weld/AT20N/1.2 Mil PET          | 60/4167                   | PVL      | 10 Days   |
| 53898  | Fasson® 60# Classic® Linen Solar White<br>Wet-Strength FSC®/OPP Weld/AT20N/44#PK         | 60/10000                  | FTW      | 5 days    |
| 53942  | Fasson® 60# Classic Crest® Natural White<br>Wet-Strength FSC®/PET Weld/AT20N/1.2 Mil PET | 60/4167                   | PVL      | 10 Days   |

| Spec#                | Product Description   | Width/Length<br>(In./Ft.) | Location | Lead Time |
|----------------------|---|---------------------------|----------|-----------|
| <b>Welded Papers</b> |   |                           |          |           |
| 53992                | Fasson® 60# Classic® Linen Solar White<br>Wet-Strength FSC®/PET/S100R/1.2 Mil PET | 60/10000                  | FTW      | 28 Days   |
| 54103                | Fasson® 60# Envi Wet-Strength 100% PCW FSC®<br>/OPP Weld/S100R/1.2 Mil PET        | 60/10000                  | FTW      | 5 Days    |
| 54095                | Fasson® 70# Bright White Felt Wet-Strength FSC®<br>/OPP Weld/S100RB/1.2 Mil PET   | 60/1668                   | WCT      | Next Day  |
| 53232                | Fasson® 70# Bright White Felt Wet-Strength FSC®<br>/PET Weld/S100RB/44#PK         | 60/5000                   | WCT      | 1 Day     |
| 54072                | Fasson® 60# Cast Gloss FSC®/PET Weld/S100R<br>/1.2 Mil PET                        | 60/4167                   | PVL      | 10 Days   |
| 53945                | Fasson® 70# Premium High Gloss FSC®/PET Weld<br>/AT20N/1.2 Mil PET                | 60/4167                   | PVL      | 10 Days   |
| 53926                | Fasson® 60# Matte Litho WN/PET Weld/AT20N/44#PK                                   | 60/4167                   | PVL      | 10 Days   |
| 53837                | Fasson® 67# Brushed Platinum Wet-Strength<br>/PET Weld /AT20N/1.2 Mil PET         | 30/8333                   | PVL      | 12 Days   |
| 54236                | Fasson® 60# Classic Crest® Solar White FSC®/OPP<br>/AT20/1.2 Mil PET              | 60/10000                  | WCT      | 5 Days    |
| 79708                | Fasson® 60# Semi Gloss FSC® /OPP/AT20/1.2 Mil PET                                 | 60/10001                  | FTW      | 5 Days    |

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

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

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