AVERY DENNISON

**Insights and perspective
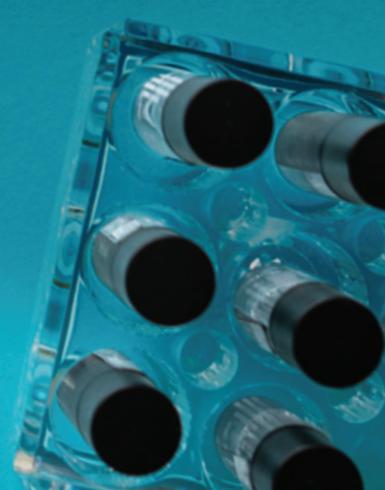to help your business grow**

AD Connect

Shopping Reinvented

TrueCut™ All-Temp
Adhesive Technology

Expanded Rapid-
Roll® Functional
Packaging Portfolio

Features

Packaging that pops

How our new TC-2000 topcoat can help converters produce packaging with shelf appeal
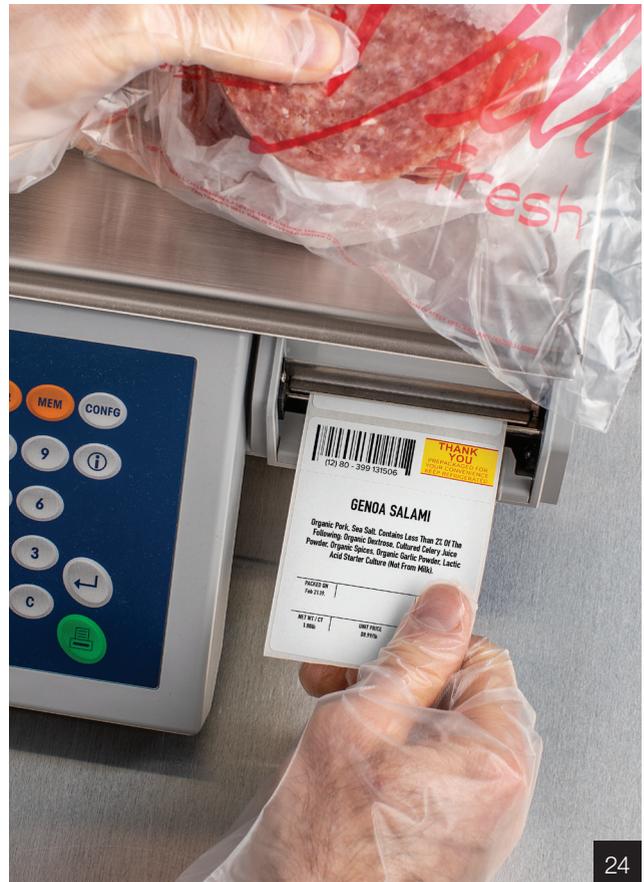
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BS 5609-certified labels made easy

The expanded Avery Dennison Drum Portfolio makes choosing label materials a breeze

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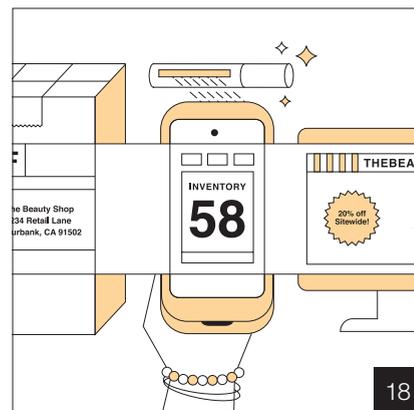## New functional packaging offerings roll with consumers

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It's about to get even easier to do business together

We seek answers in every part of the value chain, including our everyday interactions with customers. We make it a priority to have conversations with converters about how we can be even easier to work with, day in and day out. One topic that often rises to the top of those conversations is whether our website works for our customers.

The Web has changed a lot since our current website was introduced. We've all grown to expect shopping and buying online to be easy. This expectation, cultivated in B2C e-commerce, has bled into B2B. So I don't mind being frank, and saying that I know our website is behind the times. We hear you—loud and clear.

I'm delighted, therefore, to tell you about our investment in a new e-commerce platform for our site. It's a fully upgraded, online system that will make it even easier for you to do business with Avery Dennison, saving you time and effort. It will also be a platform for even more innovation in the future, aimed at deepening our partnership.

Scheduled to launch in August 2019, the new Avery Dennison e-commerce system will—from day one—represent a leap forward in a number of key areas.

As I write this column, the e-commerce platform is in the home stretch of its initial development. I've had the opportunity to do a "walk through," and I'm confident it will address the most

Ordering
Order products from our portfolios, samples and offcuts; view an order's status and your order history

Claims
Report a claim, view the status of a claim, and your claim history

Pricing
Access the Avery Dennison price list, make a pricing request, and track rebate status

Product Finder
Quickly and easily pinpoint the right product material for a specific need, find and order samples, and access product data sheets

Account Management
Manage/update your contact information, document/mail/email preferences

Proactive Notifications
Get automated system-generated notifications to alert you to a change in status for orders, claims and more

Reporting
Access your customer scorecard, order history, and claims reports

Landing page
Easily access all the above through a redesigned landing page for your account

critical customer feedback and needs. The bottom line: It's about to get even easier to do business together. Expect to hear more details as we approach the launch date. The platforms's launch will represent a milestone, but not a finish line. We'll continue to explore ways to make the site even easier to use, and even better, integrate with your own systems.

Of course, we'll continue to seek — and to rely on — your input to keep us moving forward. That's such a critical part of innovation at Avery Dennison. I invite you to connect with me on LinkedIn, or simply share your thoughts with your Avery Dennison representative.

Thank you for your business and we look forward to continuing to enhance your experience with us and build on our relationships with you to enable your continued success. **AD**

Packaging that pops

How our new TC-2000 topcoat can help converters produce packaging with shelf appeal

This issue of AD Connect explores some of the ways consumer behavior and the shopping environment are evolving as we approach the third decade of the century. One of the phenomena we look at is the increasingly competitive nature of the retail space, and the challenge for brand owners to find creative ways to make their packaging stand out on store shelves (see "Shopping Redefined," on page 18).

Of course, this challenge is shared by the packaging converters with whom these brands partner. In response,

converters are increasingly turning to newer print technologies, such as TC-2000, and techniques that can help them deliver packaging that pops.

Of particular note is an increase in the use of UV curable technologies and heavier ink laydown to create the striking, colorful looks that grab consumers' attention. Converters are also making greater investments in digital printing, looking to leverage that platform's quality output and flexibility. In a few short years, UV and digital technologies have made the turn from "emerging" to "mainstream."

UV Flexo
Clear BOPP

100% Arabica Coffee

of terra

Cold Brew

ICED COFFEE

WITH VANILLA CREAM

10 hour brew

48 FL OZ (1.42L)

UV Screen
Clear BOPP

Letterpress
White BOPP

Letterpress
White BOPP

Letterpress
White BOPP

UV Inkjet
White BOPP

→

Water-based
Flexo
White BOPP

Solvent
Gravure
Clear BOPP

Here are ways packaging designers are responding to this trend.

— **Going bold with color and type**
This is not just about using bold colors and/or typefaces in a design, but using them in a bold way. For example, some designers are using bold typefaces to replace images. The approach is a powerful way to make an impression on the store shelf and stand out from the competition.

— **The "fresh legacy" trend**
Fresh legacy refers to the use of specific visual design elements that help showcase the history and story of a brand. This could include seals, vintage photos, and/or retro-inspired typography. Many newer brands are taking these design cues and applying them to give the feel of having a 'legacy.'

— **Use of gradients**
Once considered just a background detail, the use of color gradients as a primary design detail is fast becoming a significant trend in packaging design. The tactic gives designs depth, freshness, uniqueness, and greater shelf appeal.

An evolving portfolio for changing trends

The Avery Dennison Digital Materials portfolio has evolved over the years to support such trends.

Today, we offer a broad and growing selection of label and packaging solutions optimized for flexographic, electrophotographic, and UV and water-based inkjet printing technologies. We also work closely with OEMs to ensure our products are fully compatible with the equipment in converters' pressrooms.

Our latest technological innovation is just the latest chapter in this evolution.

Introducing our all-in-one film topcoat

TC-2000 is an all-in-one film topcoat, engineered to deliver optimal performance, regardless of the print technology: water-based flexo, UV flexo, UV screen, or UV inkjet.

Developed internally, with a proprietary chemistry, the new product will replace our legacy TC-1000 on all topcoated prime film BOPP label constructions.

The new TC-2000 topcoat ensures a strong bond between ink and film, allowing the converter to lay down the heavier inks needed to achieve the sharp images, bolder looks and greater shelf appeal brands want.

TC-2000 offers three key benefits.

— **Improved ink anchorage**
Compared to our legacy topcoat product, TC-2000 offers better ink anchorage. This makes it easier for converters to leverage a heavier ink lay to produce images and text with deeper coloration and greater sharpness. In our customer trials with TC-2000, we've found that converters using UV print platforms can often achieve such results without the use of primers or a corona treatment step. This saves time and effort, producing great results at a greater profit margin.

— **Added UV inkjet printability**
Digital printing is a growing force in marketplaces ranging from food and beverage to consumer goods to industrial. With its ability to produce outstanding results with UV inkjet printing, TC-2000 can help converters expand their business by leveraging digital growth opportunities in these areas.

— **Reduced complexity / greater efficiency**
TC-2000 is engineered for performance across a wide range of print technology platforms. This helps converters simplify their ordering and stocking needs, while also helping them leverage our EXACT™ programs on core film products.

Seeking growth in a changing industry

Our industry has changed dramatically in recent years, and we've made significant investments toward keeping our portfolio aligned with the cutting edge of conversion technology. As consumers' desires and brand owners' needs continue to evolve, packaging converters can count on us to deliver solutions to help them differentiate and grow their business.

TC-2000 is just such a solution. To learn more about the product, please contact your Avery Dennison sales representative, or visit label.averydennison.com/digital. **AD**

BS 5609-certified labels made easy

The expanded Avery Dennison Drum Portfolio makes choosing label materials a breeze

The Avery Dennison Drum Portfolio includes a wide selection of printing materials that are certified for BS 5609 sections 2 and 3. These certifications encompass specific label constructions for printing on specific OEM equipment. Our Drum Portfolio has grown as this market has grown, and as shippers have adopted a wider array of printing platforms.

Today, the portfolio includes offerings for the commonly used flexographic, laser, thermal transfer, and UV Inkjet OEM printers used in drum printing. More recently, the portfolio has again expanded to align with the growing trend of water-based inkjet drum-label printing.

A portfolio that makes BS 5609 materials selection easy

It's likely that very few people involved in drum labeling would write "BS 5609" and "easy" in the same sentence. BS 5609 represents a strict and specific set of rules to ensure labels can withstand the harshest conditions.

When converters do business in the maritime drum and container space, there really is no alternative. All label materials—adhesives, facestocks, and inks—must be compliant and certified for the BS 5609 standard.

For many Avery Dennison customers, however, "BS 5609 made easy" rings true—and has for a long time. We've invested in the technology, the expertise, and the OEM relationships necessary to create a portfolio of products and testing services that removes many of the toughest hurdles faced by converters who serve maritime shippers.

A broad and growing portfolio

Our product portfolio is built on a foundation of proprietary adhesives. These offer high repositionability, fast wet-out, and outstanding durability with long exposure to the harsh elements of marine environments. It also features facestocks certified for not only flexographic, laser, and thermal transfer, but inkjet.

These constructions can be used on a variety of surfaces, including painted steel, polyethylene drums, totes and super sacks. All have passed BS 5609 Marine Immersion label testing.

Aligning with the water-based inkjet trend

Most recently, we've grown our portfolio to align with trends in printing platforms used for BS 5609 labels. We've offered constructions that are BS 5609-certified for Epson

water-based inkjet printers since that company introduced the trend a few years ago. Today, we're seeing more OEMs enter the space—such as Primera, NeuraLabel, Afina, and Colordyne. We're working closely with these companies to test and certify our materials for their equipment as we continue to expand our portfolio.

End-to-end technical and customer support

As with any Avery Dennison product, we offer technical support spanning simple answers and product selection guidance, to more in-depth services. Our Global Client Services Laboratory (see article, page 16), can conduct an array of tests to ensure a converter's preferred label construction is compliant. Compared to third-party testing, our lab offers similar confidence with a much faster turnaround.

The bottom line is that there really is little reason for label converters to stress over compliance with BS 5609. Avery Dennison offers the solutions shippers need. **AD**

To learn more about our portfolio of BS 5609-certified drum label solutions— including those for water-based inkjet platforms—and support options, contact your Avery Dennison sales representative, or visit label.averydennison.com.

New functional packaging offerings roll with consumer trends

Been to the grocery store recently? It's hard to miss the sheer number of products including snacks and dry food mixes now packaged in Stand-Up Pouches. In the refrigerator, beverages such as premium nut milks and protein infused drinks are being packaged in white, UV-blocking shrink film.

These and a wide range of other trending packaging products are available from the Avery Dennison Rapid-Roll® Portfolio. Converters can lean on us to grow their business in this expanding world of packaging.

Evolved packaging for evolving consumer trends

Packaging trends continue to support the needs of on-the-go consumers. These needs include portion control, ease of opening, reclosure, light weight, convenience and a desire to know the food is fresh. Sustainability—using fewer resources, and putting less in landfills—has become top of mind as well.

How do we know? Avery Dennison recently conducted a series of independent consumer market studies. These studies confirmed and validated what consumers value and what they will likely pay more for. Our recently published white paper, "Consumer Perceptions of Functional Packaging," found at label.averydennison.com/functional, has the detailed findings.

$\rightarrow$

New opportunities for converters

Brand owners are focused on shelf appeal. They want high-end graphics, new shapes and 360-degree advertising space. Of course, they also want to provide fresh products to their customers and their brands often depend on it.

These packaging and consumer trends bring new growth opportunities for label and packaging converters, while driving additions to our product portfolios. Two of the newest offerings, now available through the Rapid-Roll® Portfolio, deliver the kind of functionality shoppers seek, while exuding shelf appeal that grabs their attention.

Stand-Up Pouch

Stand-up pouches are growing at a rate of 7.9 percent, according to a 2018 publication by Century Flexible Packaging, with the format used in 70–75 percent of new product launches. This fast growing opportunity sees pouches that are clear, white and metallized. Structures can be printed on a flexo press, and help add diversity to a converter's offerings.

Our Stand Up Pouch products are made with a 3 mil sealant film that easily accommodates zippers, spouts and other functional packaging add-ons. These structures can be supplied as roll stock for form, fill and seal; or can be supplied as pre-made pouches.

It's easy to understand why stand-up pouches are growing so fast. They use less material than many other formats, weigh less, and lend themselves well to "grab-and-go" positioning. For brand owners fighting for consumers' attention, pouches help provide critical shelf appeal. They feature a "360-degree" billboard for artwork and branding, with the look and feel of a high performance film.

**Pentalabel® eklipse™
Light Blocking Shrink Film**

With 3.9 percent annual growth, according to a 2017 report by World Tea News, ready-to-drink (RTD) has become the fastest growing beverage category. Many consumers of these beverages want to know the packaging is doing all it can to keep drinks fresh. According to Avery Dennison market research, 43 percent of shoppers seek packaging features that offer protection of ingredients.

In response to these trends, we've added Pentalabel® eklipse™ light-blocking shrink film to the Rapid-Roll Portfolio. It's an opaque shrink film that blocks nearly 100 percent of UV light. In fact, third party testing has shown that a PET bottle wrapped with eklipse is as effective at blocking UV as a heavy, HDPE plastic container. It's the brightest white opaque film technology available, features high shrink properties, and is very compatible with both glossy and matte varnishes.

The eklipse film is an innovative, cost-effective and process-efficient solution for converters and brand owners. It delivers the protection consumers demand, with an easy-to-convert film that works with highly-recyclable PET bottles. There's no need for additional flood coat printing to create the light barrier, reducing processing time and maintenance costs.

And while it's ideal for many opportunities in the RTD category, eklipse has potential for applications such as functional beverages, cannabis, organic products, health and beauty, and products in hot air tunnels.

Meet a wide range of needs with Rapid-Roll®

With more than 350 stock products, our Rapid-Roll Portfolio is designed to meet a wide range of needs in food and beverage, health and beauty, personal care, and other market segments. Products are offered in slit and ship press-ready rolls, and with low MOQs. Same or next-day shipping is available on about 90 percent of SKUs.

Both Stand Up Pouch and eklipse are now available in the Portfolio. To learn more about how you can leverage these offerings to grow your business, contact your Avery Dennison representative, or visit label.averydennison.com. **AD**

To read our white paper, "Consumer Perceptions of Functional Packaging," visit label.averydennison.com/functional.

Global Client Services Laboratory

Customers lean on our Lab to leverage expertise, save time and avoid expense when bringing UL 969, BS 5609 and CSA-certified labels into the market with an accredited lab

This is the latest in our series of AD Teams columns looking at our ADvantage technical teams. In this issue, we'll visit with our Global Client Services Laboratory.

Testing for UL 969, and more
Based in our Mentor, Ohio Innovation Center, the Global Client Services Laboratory performs testing services in support of a range of certifications and OEM specifications. The Lab is just one of four in the US to be certified for the UL 969 standard for label and marking systems for durable goods. With this status, the Lab can test and approve a customer's label construction against the UL 969 standard, send the results to UL, and give the customer the green light to adopt that construction.

The Lab is also certified for testing against the Canadian CSA 22.2 No. 0.15-15 adhesive labels standard and BS 5609 protocol for printed adhesive labels in marine environments. And, as an ISO 17025 accredited facility, the Lab supports customers working in the automotive industry.

"The Global Client Services Lab really sets us apart," says Ajay Desai, Technical Marketing Manager, Durables. "Often when a label converter wants an opportunity with its customer, that converter needs to validate the label's performance against these standards. We can take that off the converter's shoulders."

"It comes down to speed and cost," says Don Berlin, Technical Project Leader, Durables "A customer working directly with UL can be faced with weeks in UL's first in/first out queue, then maybe months to complete certain tests. And the costs may run into the thousands. Simple adoption, on the other hand, is relatively inexpensive, and we can cut much of the time and cost out of the process."

A core team backed by experienced technicians
The Lab "team" consists of a core of six experts, collectively with over 100 years of industry experience. This core works with our sales and technical service teams to identify customers

in need, propose appropriate test protocols, execute the testing, and document and communicate the results.

The core is backed by a larger group of technicians who conduct the laboratory testing. For UL, the team performs standard atmosphere, minimum temperature, maximum temperature, humidity, and immersion for water, oil and fuel. For BS 5609, capabilities include sand abrasion and adhesion testing.

The team's depth and breadth of experience reaps benefits beyond straightforward testing. Don recalls a solution to a recent customer request that involved his reaching out to contacts at the three leading manufacturers of thermal transfer ribbons. "It was an out-of-the box request. We turned to our manufacturer contacts to give us some additional options, and were able to test those quickly in our lab to get the customer the solution they needed."

A continued investment
The team also regularly reviews opportunities to expand testing capabilities. Recently, the Lab invested in a multi-cycle test chamber that allows a technician to perform hot, cold, and room temperature testing with a single piece of equipment. Such investment helps the Lab work more efficiently, and ultimately increases its ability to provide this service to customers. **AD**

To learn more about the Global Client Services Laboratory and its capabilities, and discuss how it might help you take advantage of opportunities in Durables and other segments, contact your Avery Dennison representative.

The Global Client Services Lab team

Ajay Desai
Avery Dennison experience:
31 years

Areas of focus:
Management of BS 5609 (drum), automotive and general industrial testing

Don Berlin
Avery Dennison experience:
27 years

Areas of focus:
Management of UL, c-UL, CSA and general industrial testing

Mark Alessandro
Avery Dennison experience:
6 years

Areas of focus:
Global weathering & durability; Automotive material specifications & test method development

Scott Hawkins
Avery Dennison experience:
29 years

Areas of focus:
R&D Lab leader, UL Signatory

Donna Rodgers
Avery Dennison experience:
12 years

Areas of focus:
R&D Technician/UL, CSA and automotive testing

Jerry Lakatos
Avery Dennison experience:
6 years

Areas of focus:
R&D Technician/ BS 5609 testing

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INVENTORY
58

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Sitewide!

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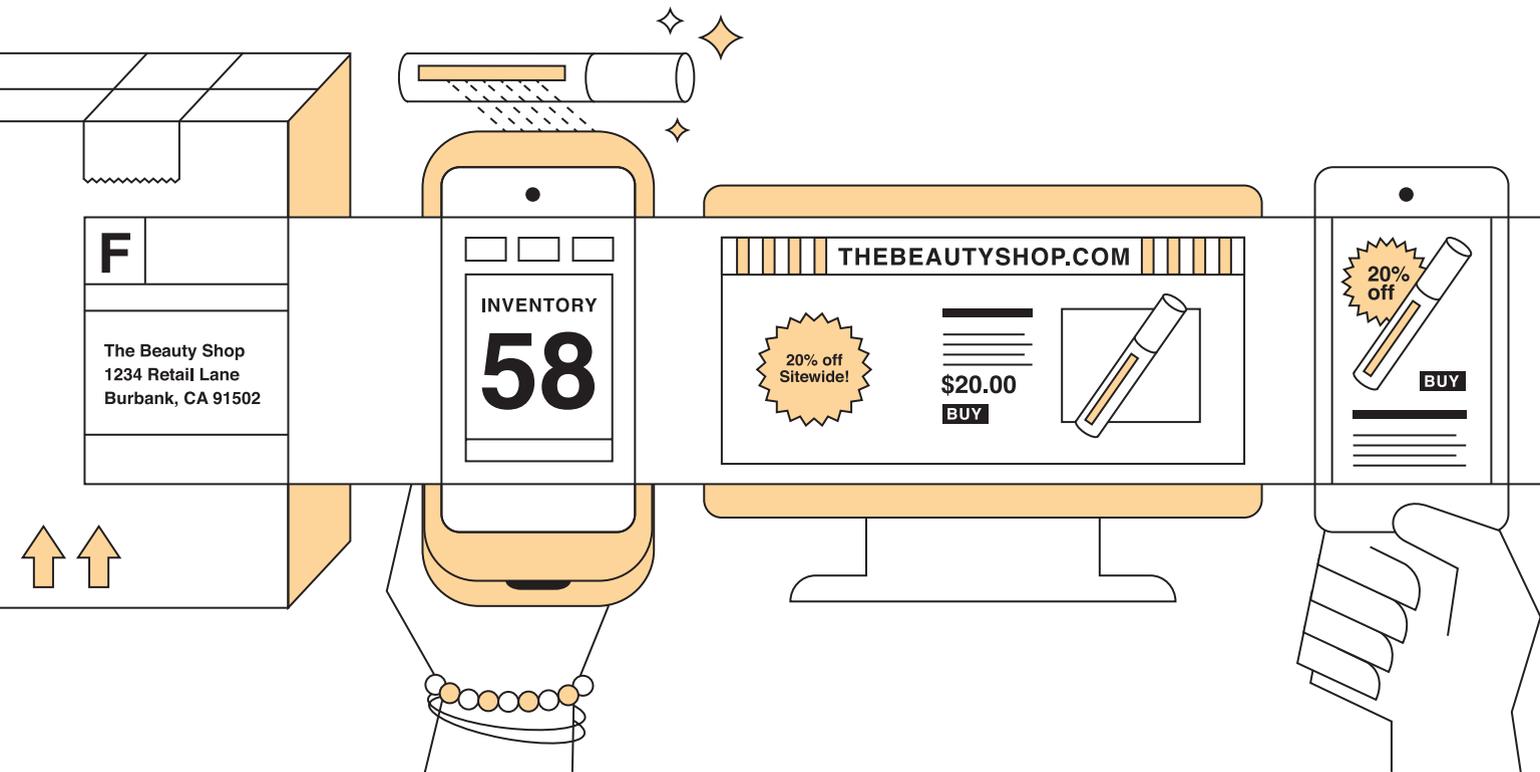
Shopping reinvented

The shopping landscape has changed a lot in the last few decades, and much of that change has been prompted by the growth of e-commerce. As this change continues, the needs of both brand owners and the label and packaging converters they lean on will evolve as well. We can offer insight into these changes, along with solutions to help both brand owners and converters adapt.

The demise of brick and mortar may be exaggerated
Most readers of AD Connect can probably remember a time when shopping was pretty straightforward. It involved traveling to a brick-and-mortar store, looking around until finding the right products (only occasionally placing a "special order"), then paying at a cash register and carting it all back home.

Most readers can probably also remember a time, within the past few years, when this model was considered endangered. As headlines told of the demise of another retailer, it was easy to think that e-commerce would soon make "going to the store" just a memory.

Well, not so fast.

It's true that some of the familiar retailers we grew up with are no longer around, or are teetering on the brink. But reports of the death of brick and mortar in the digital age may be greatly exaggerated.

**An evolved shopping experience
for an empowered consumer**

According to a recent article in Forbes, "The retail industry has undergone a significant transformation over the past decade, and it continues to evolve quickly …. Retailers must adapt to new shifts in demographics, attitudes and consumer preferences."

Think about that brick-and-mortar experience now. Today's consumer perhaps still goes to the store for the instant gratification, the ability to touch and feel products, and to maybe ask a few questions. But he or she can also pull out a smartphone to learn about brands, read product reviews, and compare pricing to make a more confident purchase.

→

And, if that shopper doesn't find exactly the right item in the store—or if the shopping experience is simply perceived as lacking, out comes the phone again. Chances are the sought-after product is available online from multiple competing retailers, and can be purchased right then and there.

So, the good news is that this evolution seems to make room for both e-commerce and brick and mortar experiences. But retailers that want to thrive are rethinking their approach for today's more empowered and demanding consumer.

Four consumer trends we're watching
As this evolution continues, we're seeing some key trends emerge related to labels and packaging. In a recent report, the Avery Dennison Market Research team gathered data and background on several of them.

1. E-commerce continues to grow
According to Digital Commerce 360, e-commerce accounted for $2.86 trillion in global sales, and $552 billion in US sales in 2018. The channel is growing at a CAGR of 18 percent globally, and 13 percent in the US. Driven by the desire for convenience, 75 percent of Americans bought something online in 2018.

Probably none of this is surprising. What is interesting to note, though, is that the majority of people who shop online state they still prefer the experience of shopping with a brick and mortar retailer.

Additionally, in 2017, 100 million consumers bought items from a direct mail catalog, according to Retaildrive. And almost 40 percent of apparel shoppers and more than 33 percent of electronics shoppers first learned about products through direct mail.

This means that retailers need to take an omni-channel approach, combining and optimizing the convenience of online with the more personal and immersive experience of brick and mortar. Companies may also need to rethink product packaging to ensure it's appropriate for each channel.

2. The subscription-based shopping model has gone mainstream
Subscription-based models have been around for a long time, but have evolved in recent years with the dawn of e-commerce. Modern examples include meal services such as Blue Apron, and clothing services such as StitchFix.

According to StopAd, the subscription model has grown 100 percent over the

past five years, with 15 percent of online shoppers signing up to receive a service in 2018. Globally, the market was valued at $2.8 billion in 2016.

The bottom line is that as consumer behavior has changed, the subscription shopping model has gone mainstream.

As with the growth of broader e-commerce, the growth of subscription shopping should prompt companies to make sure their packaging is optimized.

3. Shippers are expanding their capabilities

The growth of e-commerce is having a downstream effect on shipping and logistics. According to Accenture, the global courier/parcel segment is growing by about 5 percent year-over-year, and is expected to reach $343 billion by 2020.

This is a boon for companies operating in the space, but it also places them under additional pressure to keep up with the demand. Expect these companies to continue to invest in better technologies, operations, and packaging innovations.

4. Consumers are more connected than ever

According to Pew, there are now approximately 256 million smartphone users in the US. The market has become saturated, as almost eight in 10 Americans now carry devices with capabilities that were barely imaginable a little over a decade ago.

These devices are also doing more than ever. According to NFC Forum, there will be 2.2 billion near-field communications (NFC)-enabled handsets worldwide by 2020.

This technology is helping fuel consumers' desire to connect with products and companies through labeling and packaging that communicates brand values and stories. NFC Forum goes on to state that 90 percent of consumers use their smartphones while in a store.

1.6 million YouTube videos are devoted to the unboxing experience
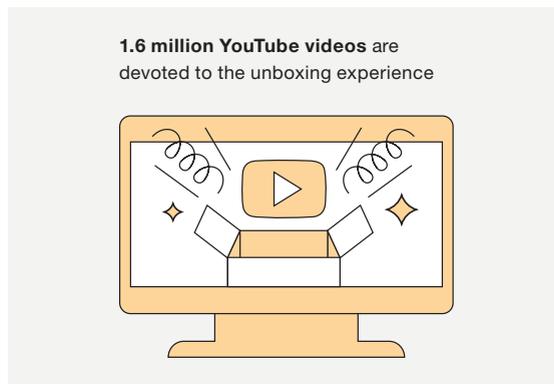
(Source: Google)

Consumer trends and the label and packaging industry

The bottom line is that shopping is indeed being redefined. Today's consumers are more demanding than ever. They expect to be able to connect with brands, buy, and have consistent product experiences—whether online or in-store.

It follows that converters are being asked to do more than ever: be more innovative, more creative, and more efficient with both processes and materials.

That brings us back to our commitment to helping you grow your business by responding to these trends. Lean on Avery Dennison to understand what's happening out there, and get the solutions you need to make the most of it.   **AD**

Sustainable label options

Our Wine and Spirits Collection includes a growing selection of label materials that align with the sustainability and organic trends in the wine segment. They're designed to help you help your customers tell their story, create shelf appeal, and gain credibility with discerning customers.

Sustainability and organic trends in wine
Recent issues of AD Connect have devoted a lot of space to sustainability in labels and packaging. This trend is affecting a wide range of markets and segments, from mass-produced consumer goods to craft food and beverages.

It's a growing force in the wine segment as well. The Sonoma County Winegrowers Association, for example, is progressing toward its goal of making the region 100 percent sustainable by the end of 2019. According to its most recent report (2017), 72 percent of Sonoma's vineyard acres have been certified sustainable by third party audit. And according to Wine Intelligence, "Wines offering a sustainability and

environmental connection have the best chance of success within the alternative wine category…"

Closely related is the organic trend. A story in BeverageDaily.com, using insight from Wine Intelligence, states that organic is the niche with the greatest growth potential. The category accounts for 2.8 percent of global wine sales, and has grown at an average of 20 percent over the last seven years.

We anticipate these trends to continue. We also anticipate winemakers to increasingly seek out label and packaging options that align with these trends and deliver shelf appeal that moves bottles from store shelves to shopping carts.

Sustainable wine labels from Avery Dennison
Our Wine and Spirits Collection is built on a foundation of patented adhesive and coating technologies, and a selection of facestock materials that help converters respond to segment trends. Some of our most recent additions tap responsibly sourced and PCW materials to

help wine brands align with the sustainability and organic trends.

Responsibly-sourced materials
Avery Dennison offers hundreds of facestocks made with FSC®-certified paper or other renewable resources. Here are two options, now available through our Wine Collection.

— **Fasson® 60# Grape Touch**
Connoisseurs and casual wine fans alike ought to appreciate the novelty of our Grape Touch™ facestock. In a phrase, "what's on the bottle is what's in the bottle." Exclusive to Avery Dennison, Grape Touch is made with 15 percent grape waste sourced from wine production, and 40 percent overall PCW. It features an attractive, natural color.

— **Fasson® 80# Cotton White Tree Free**
This organic facestock option is tree-free, and made from recycled cotton fibers. Thick and highly embossable, 80 Percent Cotton adds a touch of elegance and loads of shelf appeal to any bottle.

Fasson® 60# Grape Touch

Fasson® 80# Cotton White Tree Free

Fasson® Estate Label® No. 14

Fasson® Snowbound™ White

Post-consumer materials

While great for sustainability, PCW materials have not always had a reputation for high quality. That's changing, and our Wine Collection features three new label constructions, made with PCW material, that deliver a combination of performance, shelf appeal, and eco-friendliness.

— **Fasson® Estate Label® No. 14**
The Estate Label brand probably needs no introduction: It's standard of excellence is established. With Estate Label No. 14, winemakers can combine that

standard with sustainability. It's a 100 percent post-consumer-waste (PCW) paper label that maintains color and strength, even when wet.

— **Fasson® Snowbound™ and Fasson® Night Skye™**
Rich white or deep black? Take your pick. Snowbound and Night Skye are recent additions to our Luminous collection of FSC paper facestocks that offer an attention-grabbing, effervescent effect. Both contain 40 percent PCW, so consumers can continue to feel that "glow" long after purchase.

Not quite sure what you need? Let us make it for you

Our Wine Collection is indeed growing, but we know the search for the perfect label construction might go beyond what we currently offer. That's where our Engineered Solutions can step in. We can source any combination of facestock and adhesive—from our broader portfolio or supplier base—to produce a label that will fit the need. To learn more, just contact your Avery Dennison sales representative. **AD**

For more information about our Wine Collection, visit label.averydennison.com.

New adhesive offers performance and sustainability for shipping and logistics applications

Introducing TrueCut™ All-Temp Adhesive Technology

Avery Dennison TrueCut™ All-Temp Adhesive Technology (AT2550) is not simply another adhesive choice for thermal label constructions. This innovative, new, technology offers a unique combination of benefits to label converters and end users looking for better performance and greater sustainability.

Purpose-built for paper facestocks, and specially designed for shipping, weigh scale, and warehouse and logistics applications, TrueCut All-Temp is engineered to perform across an exceptionally broad range of temperatures. It produces less ooze than the standard pressure sensitive adhesives used in these applications. And, as part of the Avery Dennison ClearIntent™ Portfolio of sustainable products, TrueCut All-Temp adhesive enables recycling by addressing one of the biggest processing challenges currently faced by recyclers and paper companies.

A little cold won't bother this adhesive

TrueCut All-Temp adhesive provides a minimum application temperature of -20 degrees Fahrenheit, and a service temperature range of -65 to 200 degrees. This cold temperature performance covers a range of substrates, including corrugated, glass, and HDPE/LDPE plastics.

This makes TrueCut All-Temp the adhesive of choice for cold application environments. It's ideal for a wide spectrum of applications during northern winters, along with cold warehouses, freight depots, laboratories and food packaging lines.

Cleaner rolls for faster converting

TrueCut All-Temp produces less ooze than the standard adhesives used in these applications. In fact, testing at Avery Dennison shows the product's rate of ooze is up to 30 percent lower than that of standard adhesives.

Constructions featuring TrueCut All-Temp are thus less prone to adhesive transfer, in which the sides of a roll of labels can become gummy with oozing adhesive. Cleaner rolls can mean less maintenance and more uptime at the point of application, helping users operate more efficiently.

Recycler-friendly formulation

Fully repulpable, TrueCut All-Temp meets the testing criteria of the Tag and Label Manufacturing Industry (TLMI) Recycling Compatible Adhesive LRP-2 Lab Test Protocol. These tests confirm that the adhesive meets key criteria of the recycling industry, and that it can be fully recycled.

This compatibility means TrueCut All-Temp addresses one of the biggest challenges faced by paper recyclers. It reduces processing problems caused by "stickies," and the effect of these problems on recycling profitability.

So, what are stickies? During the recycling process, standard adhesives can transform into small, gummy particles — referred to as stickies. These build up on equipment, and produce defects in the final product. This leaves paper companies to deal with more downtime and cleanup, while forcing down the selling price for their recycled paper.

Stickies cost paper companies an estimated $700 million per year. TrueCut All-Temp can help companies claw back those losses, and improve the overall economics of recycling.

"TrueCut All-Temp adhesive technology is a more responsible solution for thermal paper labeling," says Michael LeRoy, Prime Paper Product Manager. "This advance comes at a critical time for the packaging industry, which is dealing with the explosion in online shopping and shipping, as well as the increased pressure to recycle more of that waste stream."

Sustainable solutions for a range of needs

TrueCut All-Temp complements our TrueCut General Purpose adhesive (product number S2550). Both meet the criteria of our ClearIntent Portfolio of sustainable solutions. **AD**

To learn more about these innovative adhesives, visit label.averydennison.com, or contact your Avery Dennison representative.

A more intelligent food value chain

Intelligent labels are starting to disrupt the food industry; new Avery Dennison technology can help accelerate adoption

RFID has been a disruptive phenomenon in multiple industries, including Food and Beverage. Now, a new Avery Dennison technology, WaveSafe,™ is helping food companies address one of the barriers to even wider adoption—safety issues related to the lack of compatibility of RFID inlays and microwave ovens.

How Intelligent Labels are being used in the food industry

Intelligent Labels—those containing an RFID inlay—are proving useful at multiple stages throughout the food value chain. With the ability to store and communicate data to players all along the farm-to-table route, the technology is helping the industry give consumers more reason to feel confident about the food they buy.

We may be just scratching the surface of the technology's potential, and already we're seeing it put to a variety of benefits for producers, distributors, and consumers.

— **Farm/Ranch:** Intelligent Labels can be applied to a food product at its source; integrating into a blockchain and enabling traceability and authentication through to the consumer.

— **Processor:** Intelligent Labels allow processing plants to automate scanning, improving speed and efficiency and helping reduce human error.

— **Distributor:** Similarly, Intelligent Labels allow distribution centers to gain efficiency and accuracy, while being able to better monitor expiration dates and manage inventory more efficiently

— **Retailer:** Intelligent Labels give grocers and other retailers more accurate item/case level scanning and expiration date management. The technology is also being used to enable instant checkout, reducing the checkout process to just under 5 seconds.

— **Consumer:** The buyer reaps a variety of benefits from Intelligent Labels. By accessing RFID-stored data, he or she can be confident of the food's authenticity and freshness. RFID enabled data can also be integrated with smart appliances, providing added convenience and confidence.

The microwave oven barrier
Of course, hardly any new technology grows in a perfectly straight line, and the adoption of RFID in the food industry has come with some bumps in the road.

Interestingly, one of the key barriers to broader adoption has been the incompatibility of RFID inlays with microwave ovens. In more direct terms, microwaves can cause an RFID inlay to produce electrical arcs, overheat, and even catch on fire. This issue has been enough to deter many protein companies from making a broader investment in the technology, in spite of its many benefits.

WaveSafe™ is safe for use in microwave ovens
With 10 years of development behind it, Avery Dennison has launched WaveSafe™ technology. It's an Intelligent Label solution that, when used as recommended, simply and effectively addresses the issue of microwave compatibility. Using a proprietary design that encapsulates the electronics in a protective sheath, the RFID inlay becomes microwave safe during a defrost cycle when applied to protein packaging.

"Actually, the styrofoam container will fail before the inlay will," says Jay Wittmann, Associate Product Manager at Avery Dennison. "This is a first-of-its kind technology that overcomes some of the barriers to greater adoption for RFID in the food industry."

Jay continues, "We're seeing tremendous growth for Intelligent Label applications across a number of segments: cosmetics to aviation, automotive to food. The technology is helping companies work more efficiently, avoid waste and errors, fight counterfeiting, ensure the freshness of products, and ultimately forge even closer relationships with their customers."

An opportunity for label converters
The disruption of these and other industries with RFID technology provides a tremendous opportunity for label converters. Avery Dennison is the world's largest RFID partner, and our Intelligent Label solutions are helping improve inventory management and loss prevention across the value chain, while helping brands enhance the consumer experience.   **AD**

To learn more about the Avery Dennison Intelligent Label portfolio, including the new WaveSafe™ technology, visit label.averydennison.com/intelligentlabel, or contact your Avery Dennison representative.

A Collection of Ideas from the Avery Dennison Concept Lab

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Spec# 53301 Fasson® 60# Frozen Orion Diamond Wet-Strength FSC®/AT20/1.2 Mil PET

Spec# 54305 Fasson® 150# Black Velvet/S100RB/1.2 Mil PET

Spec# 53962 Fasson® 60# Estate Label® No. 25 Black Wet-Strength FSC®/S100R/1.2 Mil PET

Spec# 54189 Fasson® 60# Grape Touch /AT20N/1.2 Mil PET

Spec# 54284 Fasson® 150# Ruby Velvet/SR100RB/1.2 Mil PET

Customization is an Expert Away

Select Solutions™
Mix & Match &
Engineered Solutions

Problem

You'll work directly with an Avery Dennison Technical Leader (TL) team member to help you **solve problems**

Idea

Once you have **the idea**, our TL will provide you with quote, lead time and MOQ for the potential solution

Prototype

Using our materials and specialists, along with your knowledge, we'll create a **prototype** for trial

Verify + Validate

Working together, we'll **verify and validate** that the solution is truly fit for use

Commercialize

Then we'll **commercialize** the final solution allowing you to execute the opportunity

Collaboration. Validation. Commercialization.

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

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

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

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

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	C2510	S490	S4600	S2501	S692N	S8001	S8015
Low Surface Energy	Excellent	Excellent	Excellent	Excellent	Poor	Excellent	Good	Poor	Good	Excellent
High Surface Energy	Excellent	Good	Excellent	Good	Excellent	Good	Poor	Good	Good	Excellent
Tough Substrates	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Good	Excellent	Good	Not Recommended	Good	Not Recommended
Curved (>1")	Poor	Good	Excellent	Good	Good	Good	Good	Good	Excellent	Excellent
Curved (<1")	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Excellent	Not Recommended	Not Recommended	Excellent	Excellent
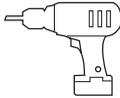
Not Recommended　　　Good　　　　　　　　　　　Excellent

Prime Paper

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

Variable Information

		40#SCK	50#SCK	40#BG	69#MF	1.2 Mil PET	1.5 Mil PET
TT1C	S246		14443			53507	
	C2510	53527				53512	
	R423	98203					
	S4600		53551		53569		
TT2C	S246		02329				
	R423	96029					
DT 300HD	S4600	53542		53559	53568		
	R423	53869					

Prime Film

		40#SCK	50#SCK	40#BG	69#MF	1.2 Mil PET	1.5 Mil PET
2 Mil Clear BOPP TC	S692N				79267		79184
	S2501				79268	79164	
	R3400				79495		
	S8001			79234	79269	79153	
	S8015	79295	79305				

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

		40#SCK	50#SCK	40#BG	69#MF	1.2 Mil PET	1.5 Mil PET
2.3 Mil White BOPP TC	S246	78788	79140				
	C2510		79141				
	R3400			79486	79496		
	S692N				79270		
	S2501		79205	79224	79272		79187
	S4600			79215			
	S8001			79235	79273	79154	
2.6 Mil White BOPP TC	C2510		79142				
	S692N				79274		76999
	R3400			79487			
	S2501		79206		79276		79188
	S4600		79201	79216	79275		
	S8001			79236			
	S8015			79315			
2 Mil Metallized BOPP TC	S246		79143				
	C2510		79144				
	S2501				79285		
	S4600		79203	79218	79284		
	S8001		79211	79233	79266		
	S8015		79310				
Primax® 250	R3400					79657	
	S692N						76993
	S2501		79207		79280	79167	
	R3400				79499		
	S8001		79213	79237	79281		
FasClear® 250	S2501				79282		
	S8001				79283		79180
	S8015	79299					

Durable Film

		40#SCK	50#SCK	40#BG	69#MF	1.2 Mil PET	1.5 Mil PET
2 Mil Clear Print-Treated PET	S2501			79230			
	S8001				79259		79090
	R3400		79491				
2 Mil White Print-Treated PET	S4600			79219	79287		
	S8001				79256	79158	79181
	S8015	79301		79319		79293	
	R3400				79508		
2 Mil Matte Chrome PET TC	S2501				79260		
	S4600				79261		
	S8001				79262	79159	
3 Mil Synthetic Paper	S2501				79263		
	S4600				79264	78427	
	S8001	79199		79239	79265	79160	
	S8015	79304					
	R3400		79494		79510	79519	

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

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

Select Solutions™ Cover-up Portfolio

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

Portfolio Characteristics

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

Applications

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

Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time
15477	Semi-Gloss Elite™ FasCover™ 2/AT20/40#SCK	EXACT™/2500	WCT	Next Day
		EXACT™/5000	FTW	
19185	54# Semi-Gloss FasCover™ 2/C2500/40#SCK	EXACT™/5000	PTC	Next Day
07636	60# Cast Gloss FasCover™ 2/AT20/40#SCK	EXACT™/5000	FTW	Next Day
13601	Trans-Therm® 1C FasCover™ 2/AT20/40#CK	EXACT™/5000	PTC	Next Day
06263	Matte Litho FasCover™ 2/AT20/40#SCK	78/1668	FTW	Next Day
15562	Direct-Therm 200HD FasCover™/AT20/40#SCK	60/1668	PVL	Next Day
53825	Inverted-Face MaxFlex™ Bright Silver/S246/40#SCK	30/1500	PTC	4 Days
08192	Inverted-Face Bright Silver Foil/S246/40#SCK	30/1500	PTC	4 Days
75312	Inverted-Face Metallized Primax® 250/S1000/44#PK	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	NEE	1 Day	✓	✓		
		EXACT™/1668						
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#SCKABC	Custom Coat/1668	PVL	5 Days	✓	✓	✓	
78385	2 Mil White PET TC/S8001/50#SCK	EXACT™/5000	PVL	1 Day	✓			✓
78401	3 Mil Synthetic Paper/S8001/50#SCK	EXACT™/5000	PVL	1 Day	✓			✓
78387	2 Mil Matte Chrome PET/S8001/50#SCK	EXACT™/5000	NEE	1 Day	✓			✓
79653	2 Mil White PET TC/8049A/EZ Liner	Custom Coat/1000	PVL	4 Days	✓	✓	✓	
79654	2 Mil Brushed Chrome PET TC/8049A/EZ Liner	Custom Coat/1000	PVL	4 Days	✓	✓	✓	
*79732	2 Mil White PET TC/S8029/50# SCK ABC	Single Roll/2500	PVL	4 Days	✓	✓	✓	
		Stock/1668	PVL	1 Day			✓	
Overlaminates								
77855	1 Mil Clear Print-Treated PET/S730/1 Mil PET	EXACT™/5000	NEE	1 Day				
77841	1 Mil Clear PET TC/S8020/40# BG	Ready Width™ 6/5000	PVL	1 Day				
		Ready Width™ 12/5000						
Products designed to be tamper evident								
78194	2 Mil White Void PET TC/S8015W/50#SCK	EXACT™/1700	NEE	1 Day	✓	✓		
78195	2 Mil Silver Void PET TC/S8015/50#SCK	EXACT™/1700	NEE	1 Day	✓	✓		
Labels designed to adhere to silicone or silicone-treated surfaces								
*79438	1.5 Mil White PET TC/S8092/3 Mil PET	Single Roll/850	PVL	1 Day				

PVL=Painesville, OH　　NEE=Neenah, WI

✓ = Performs on designated substrates

Point-of-Purchase Tire Label Portfolio

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

Portfolio Characteristics

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

Applications

– Tires

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

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

Appliance Portfolio

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

Portfolio Characteristics

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

Applications

– Washers and dryers
– Refrigerators
– Microwaves
– Coffee makers
– Televisions
– Toasters/toaster ovens
– 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

Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time
Print Method: Laser				
78037	3.4 Mil Lasercode DL TC/S4600/79#CCK	EXACT™/5000	PVL	Next Day
	BS 5609 Section 2 Yes **BS 5609 Section 3** Lexmark C792E, Primera CX1200, NeuraLabel 500e			
54162	2 Mil White Laser PET/S4600/66#PK	Stock/1668	PVL	Next Day
	BS 5609 Section 2 Yes **BS 5609 Section 3** Lexmark C792E			
Print Method: Thermal Transfer & UV Inkjet				
79572	3.7 Mil Smudgeproof Kimdura®/S4600/50#SCK	EXACT™/5000	PVL/FTW/WCT	Next Day
	BS 5609 Section 2 Yes **BS 5609 Section 3** Cab: ITW B324 Black +B324 Red Resin, ITW B128 Black+B120 Red, Zebra: ITW B128 Black+B120 Red, Zebra: limak SP330 Black+DC300 Ruby Red, Zebra: Armor AXR 8 Black+AXR600R Red, Zebra: ITW B324 Black +B324 Red Resin, Zebra: ITW CP TR5940 Black+TR5440 Red, Datamax: Armor AXR 8 Black+AXR600R Red, Datamax: ITW B324 Black +B324 Red Resin, Datamax: ITW CP TR5940 Black+TR5440 Red, Microplex: AXR7/600, Jetrion: 4000 Series for 4900 Press, Jetrion: 4950, DNP TRX-50 Black, Durst Tau330 Black, Zebra: Armor AXR1/AXR600R			
Print Method: Thermal Transfer & UV Inkjet				
72197	Fasson® 4 Mil TransCode®/S475/50#SCK	EXACT™/5000	NEE/WCT	Next Day
	BS 5609 Section 2 Yes **BS 5609 Section 3** Zebra: DNP R300 Black+R510 Red, Zebra: ITW B128 Black+B120 Red, Zebra: limak SP330 Black+DC300 Ruby Red, Zebra: Armor AXR 8 Black+AXR600R Red, Zebra: limak SP575 Black+DC300 Ruby Red, Zebra: ITW B324 Black+B324 Red Resin, Zebra: ITW CP TR5940 Black+CP TR5440 Red, Zebra: Astromed RY Black+RAE Red, Datamax: DNP R300 Black+R510 Red, Data: limak SP330 Black+DC300 Ruby Red, Datamax: Armor AXR 8 Black+AXR600R Red, Data: limak SP575 Black+DC300 Ruby Red, Datamax: ITW B324 Black +B324 Red Resin, Datamax: ITW CP TR5940 Black+CP TR5440 Red, Durst Tau330, Jetrion: 4000 Series for 4900 Press, Jetrion: 4950, Mark Andy Digital One, Zebra: Armor AXR1/AXR600R , Zebra: Armor AXR1/AXR600R			
79480	2.6 Mil Synthetic Paper/8020/50#SCK	Stock/1000	PVL	Next Day
	BS 5609 Section 2 Yes **BS 5609 Section 3** Zebra: ITW B324 Black +B324 Red Resin, Zebra: DNP, R300 Black+R510 Red, Zebra: ITW B128 Black+B120 Red, Zebra: Armor AXR 8, Black+AXR600R Red, Datamax: ITW B324 Black +B324 Red Resin, Datamax: Armor AXR 8 Black+AXR600R Red, Jetrion: 4000 Series for 4900 Press, Zebra: AXR1/AXR600R, limak SP330 Black/ DC300 Ruby Red			

Spec#	Product Description	Width/ Length (In./Ft.)	Location	Lead Time
Print Method: Inkjet				
79348	Fasson® 5 Mil Matte Inkjet DL Kimdura®/S4600/50#SCK	EXACT™/2500	PVL	Next Day
	BS 5609 Section 2 Yes **BS 5609 Section 3** Epson C831, TMC3400, TMC3500, NeuraLabel 300x			
79724	Fasson® 3.4 Mil Matte White SYN WBIJ/S4600/50#SCK	EXACT™/10000	PVL	Next Day
	BS 5609 Section 2&3 Epson C831, TMC3400, TMC3500			
Print Method: Flexo				
79572	3.7 Mil Smudgeproof Kimdura®/S4600/50#SCK	EXACT™/5000	PVL/FTW/ WCT	Next Day
	BS 5609 Section 2 Yes **BS 5609 Section 3** **Flint corona treatment:** Flint Force (all colors) - No Varnish, Flint Force (all colors) - Varnish (Flint UVF 02052) **Environmental Ink (corona treated):** DR III FR Ink (all colors) - No Varnish, Films III Ink (all colors) - No Varnish, Wikoff: PolyTech XR (all colors) - No Varnish			
72197	Fasson® 4 Mil TransCode®/S475/50#SCK	EXACT™/5000	NEE/WCT	Next Day
	BS 5609 Section 2 Yes **BS 5609 Section 3** **Flint no corona treatment:** Flint Force (all colors) - Non Varnish, Flint Force (all colors) - Varnish (Flint UVF 02052) **Environmental Ink (corona treated):** DR III FR Ink (all colors) - No Varnish, Films III Ink (all colors) - No Varnish **Actega:** Optifilm Ink (all colors) - Varnish (Flint UVF 02052), Versifilm Ink (all colors) - Varnish (UVF 02052) Wikoff: PolyTech XR (all colors) - No Varnish			
79480	2.6 Mil Synthetic Paper/8020/50#SCK	Stock/1000	PVL	Next Day
	BS 5609 Section 2 Yes **BS 5609 Section 3** **Flint no corona treatment:** Flint Hydrofilm Ace (all colors)- Varnish (Flint UVF 02052) **Environmental Ink (corona treated):** DR III FR Ink (all colors) - No Varnish, Films III ink (all colors) - No Varnish, Wikoff: PolyTech XR (all colors) - No Varnish			

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

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 Overlaminate	EXACT™/2500	NEE/PVL	Next Day
79325	Fasson® 1 Mil Clear UV PET/S3000/1 Mil PET Overlaminate	Stock 60/1668	PVL	Next Day
77843	Fasson® 1 Mil Matte PET/S8020/40#BG Overlaminate	Stock 60/1668	PVL	Next Day

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

Overlaminates Portfolio

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

Portfolio Characteristics

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

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

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

Outdoor Overlaminates Portfolio

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

Portfolio Characteristics

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

Applications

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

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

PVL=Painesville, OH

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

* 1000 hrs = 1 year
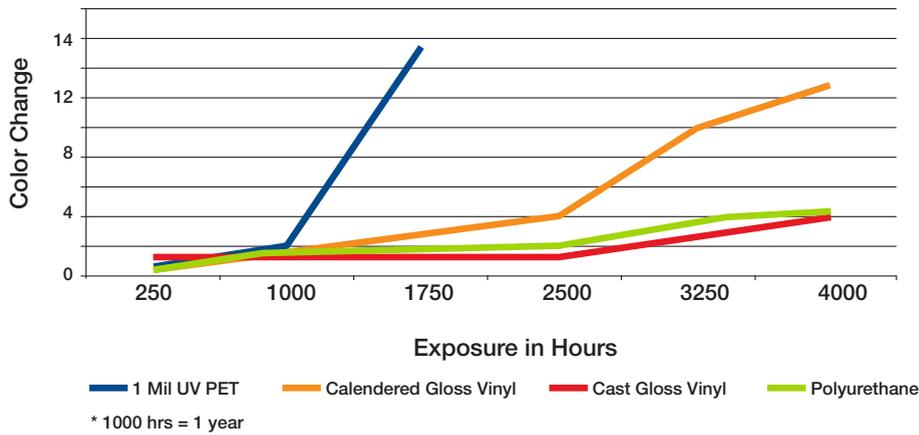
Xe Arc Testing UV Flexo Ink (Black) - PVC Base

* 1000 hrs = 1 year
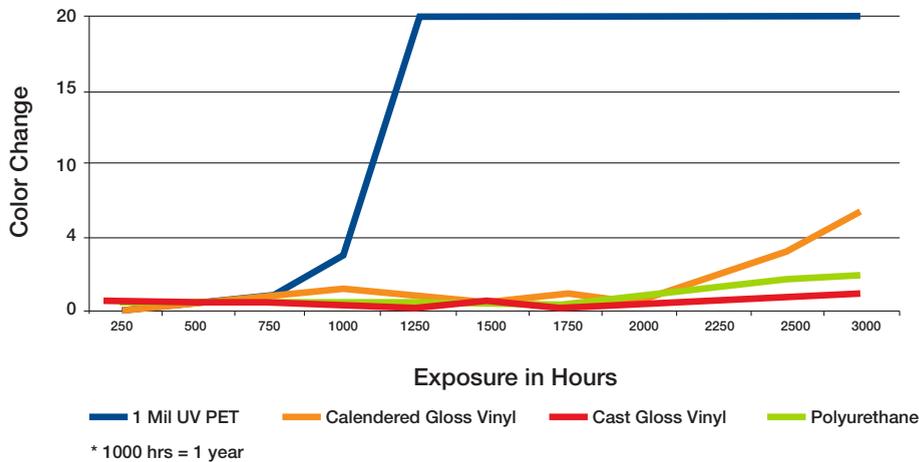
Safety and Warning Labels Portfolio

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® 3.0 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 Overlaminate	Stock 60/1668	PVL	Next Day
77843	Fasson® 1 Mil Matte PET/S8020/40#BG Overlaminate	Stock 60/1668	PVL	Next Day

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

Val 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
White	27995	WH VAL DECAL 50#		27252	WH VAL DECAL 50#
Red	27244	RED VAL DECAL 50#		27245	RED VAL DECAL PRT WM 50#
Orange	27246	ORANGE VAL DECAL 50#		27247	ORANGE VAL DECAL WM 50#
Yellow	27242	YELLOW VAL DECAL 50#		27243	YELLOW VAL DECAL PRT WM 50#
Green	24250	GREEN VAL DECAL 50#		27251	GREEN VAL DECAL PRT WM 50#
Blue	27248	BLUE VAL DECAL 50#		27249	BLUE VAL DECAL WM 50#
Magenta	25301	MAGENTA VAL DECAL 50#		27254	MAGENTA VAL DECAL PRT WM 50#
Yellow Green	25302	YEL GRN VAL DECAL 50#		27255	YEL GRN VAL DECAL PRT WM 50#
Lemon Yellow	25300	LEMON YEL VAL DECAL 50#		27253	LEM YL VAL DECAL WM 50#
Gold	25303	GOLD VAL DECAL 50#		27256	GOLD VAL DECAL PRT WM 50#

90# Sta-Flat Liner					
	Non-watermarked			**With Official Watermark**	
	Spec#	Product Description		Spec#	Product Description
White	27996	WH VAL DECAL 90#		27270	WH VAL DECAL PRT WM 90#
Red	27999	RED VAL DECAL 90#		28000	RED VAL DECAL PRT WM 90#
Orange	28001	ORANGE VAL DECAL 90#		28002	ORANGE VAL DECAL PRT WM 90#
Yellow	27997	YELLOW VAL DECAL 90#		27998	YELLOW VAL DECAL PRT WM 90#
Green	27268	GREEN VAL DECAL 90#		27269	GREEN VAL DECAL PRT WM 90#
Blue	28003	BLUE VAL DECAL 90#		28004	BLUE VAL DECAL PRT WM 90#
Magenta	25331	MAGENTA VAL DECAL 90#		27281	MAGENTA VAL DECAL PRT WM 90#
Yellow Green	25332	YEL GRN VAL DECAL 90#		27282	YEL GRN VAL DECAL PRT WM 90#
Lemon Yellow	25330	LEMON YEL VAL DECAL 90#		27280	LEMON YEL VAL DECAL PRT WM 90#
Gold	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 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 PPR SC/S2600/40#SCK	45/1668	PVL	Next Day
		Ready Width™ 15.5/5000	DAL	Next Day
		Ready Width™ 13/5000	DAL	Next Day
		Ready Width™ 9/5000	DAL	Next Day
53538	DT DISLV PPR/S2600/40#SCK	45/1668	PVL	Next Day

For removables products go to our removable guide on page 81
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 for the complete flexible packaging portfolio offering

Applications

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

Spec#	Product Description	Location	Lead Time
54025	ChemControl Ultra	NEE	Next Day
79537	ChemControl Premium Ultra	NEE	Next Day
79340	White StickPak LDPE 280 HB	NEE	Next Day
78432	White StickPak Metallocene 300 HB	NEE	Next Day
78831	Silver StickPak Metallocene 300 HB	NEE	Next Day
79343	White StickPak Surlyn® 280 HB	WCT	Next Day
79344	Silver StickPak Surlyn® 280 HB	NEE	Next Day
79778	Easy Open WH Cello StickPak Surlyn®	NEE	Next Day
75758	White Cosmetic Web 350 SB	NEE/WCT	Next Day
75760	Silver Cosmetic Web 350 SB	NEE	Next Day
79332	White Cosmetic Web 350 HB	NEE/WCT	Next Day
79333	White Cosmetic Web 350 HB	NEE/WCT	Next Day
77553	White Cosmetic Ultra 370 HB	NEE	Next Day
78857	Silver Cosmetic Web 370 HB	NEE	Next Day
79334	White Cosmetic Ultra+ 530 HB	NEE	Next Day
79335	Silver Cosmetic Ultra+ 530 HB	NEE	Next Day
79122	White Multi-ply Snack Web 260 SB	NEE	Next Day
79123	White Multi-ply Snack Web 260 HB	NEE	Next Day
79125	Clear Multi-ply Snack Web 260 HB	NEE	Next Day
79850	25# PPFP 305	NEE	Next Day
79851	35# PPFP 360	NEE/WCT	Next Day
79852	25# PPFP W-SURLYN 360	NEE	Next Day
75746	25# PPMOPP 260	NEE	Next Day
75742	35# PPMOPP 330	WCT	Next Day
78918	48GA GL PET FLEXPAK OVERLAM	NEE	5-7 Days
79934	**Clear Multi-ply SUP 360 HB EXACT™** New!	NEE	Next Day
79935	**White Multi-ply SUP 360 HB EXACT™** New!	NEE	Next Day
79936	**Metallized Multi-ply SUP 360 HB EXACT™** New!	NEE	Next Day

NEE=Neenah, WI   WCT=West Coast

Select Solutions™ Reclosure Portfolio

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

Portfolio Characteristics

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

	Applications: 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 – High-Performance, Approved for Direct Food Contact	» Stable, Smooth Peel Back » Low Odor » Excellent Adhesion Rebuild » Broad Substrate Performance » **NEW** FCN 1716 Direct Food Contact and Reheating of Prepared Food Compliant

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
78578	Fasson® 2 Mil Clear BOPP TC/R143/1.2 Mil PET	54/1668	NEE	Next Day
		60/1000	PVL	7 Days
79846	Fasson® 1 Mil Clear Print Treated Polyester/ R1490/.8M Heat Seal Polyester	60/1668	PVL	Next Day
79904	Fasson® 1 Mil Clear Print Treated Polyester/ R1450A/.8M Heat Seal Polyester New!	60/1668	PVL	Next Day
79892	Fasson® 1 Mil Clear Print Treated Polyester/ R3400/1.2M Heat Seal Polyester New!	60/1668	PVL	Next Day
79891	Fasson® 1 Mil Clear Print Treated Polyester/ R300A/1.2M Heat Seal Polyester New!	60/1668	PVL	Next Day

NEE=Neenah, WI   PVL=Painesville, OH

Rapid-Roll® Shrink 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

Applications

– Alcoholic and Non-Alcoholic Beverage
– Food
– Household Chemicals
– Personal Care

Spec#	Product Description	Service	Width	Length (ft)	Location	Lead Time
79765	50 Micron Clear High Shrink PETG	EXACT™	52"	10000	DAL, QTN	1-2 days
79552	45 Micron Clear High Shrink PETG	Stock	52"	1669	QTN	1-2 days
79767	50 Micron Clear Medium Shrink PETG	Stock	52"	1668	DAL, QTN	1-2 days
79766	50 Micron Clear Med Shrink PETG ITC	Stock	13"	1668	NEE	1-2 days
79551	50 Micron PVC Shrink	Custom	Pre-Slit	Call	NEE	Call
79636	60 Micron PETG OPT Bright	Custom	Pre-Slit	Call	NEE, QTN	Call
80059	50 Micron Eklipse Shrink PETG	Stock	54.5"	1668	DAL	1-2 days

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

Name	Design	Size	Chip	Applications
UHF RFID INLAYS **860-960 MHz, ISO 18000-6C, EPC Class 1 Gen 2**				
AD-160		2.36 x 0.16 in 60 x 4 mm	U7	- Cosmetics and item-level retail - Personal care products
AD-163			U8	
AD-171		1.06 x 0.55 in 27 x 14mm	M5	- Apparel and other item-level retail - Pharmaceutical and healthcare
AD-173			U8	
AD-172		0.87 x 0.49 in 22 x 12.5 mm	U7	- Jewelry - Supply chain, inventory and logistics
AD-180		1.02 in Diameter 26 mm Diameter	U7	- Cosmetics and item-level retail
AD-226		3.74 x 0.32 in 95 x 8.15 mm	G2iM	- Apparel and item-level retail - Supply chain, inventory and logistics - Returnable transport units (RTUs)
AD-229			R6/R6-P	
AD-236		2.76 x 0.57 in 70 x 14.5 mm	U7	- Supply chain, inventory and logistics - Apparel and item-level retail - Home essentials
AD-237			R6/R6-P	
AD-238			U8	
AD-301		1.18 x 0.59 in 30 x 15 mm	R6/R6-P	- Children accessories - Fashion jewelry and sunglasses
AD-310		1.63 x 1.14 in 41.4 x 29mm	U8	- Apparel and item-level retail - Supply chain, inventory and logistics - Home essentials
AD-320 ETSI AD-320 FCC		1.63 x 0.63 in 41.4 x 16 mm	U7	- Apparel and item-level retail - Supply chain, inventory and logistics - Pharmaceutical and healthcare
AD-321 ETSI AD-321 FCC			R6/R6-P	
AD-324 ETSI AD-324 FCC			U8	
AD-350		2.99 x 0.236 in 76 x 6 mm	U8	- Apparel and other item-level retail
AD-370		2.09 x 0.75 in 53 x 19 mm	U7	- Apparel and item-level retail *Also available in narrow-edge leading format - Aviation asset tracking - Automobile
AD-372			U8	
AD-373			U7XM	

	UHF RFID INLAYS 860-960 MHz, ISO 18000-6C, EPC Class 1 Gen 2			
Name	**Design**	**Size**	**Chip**	**Applications**
AD-380		1.97 x 1.18 in 50 x 30 mm	G2iM	- Supply chain, inventory and logistics - Industrial and automotive - Apparel and other item-level retail - Home essentials - AD-383 is also available in narrow-edge leading format
AD-383			U7	
AD-384			R6/R6-P	
AD-385			U8	
AD-454		2.75 x 0.75 in 70 x 19 mm (label dimensions)	R6-P	- Metal and Liquids - Industrial & Electronics - Available in label format only
AD-456		2.52 x 0.709 in 64 x 6 mm (label dimensions)	U8	- Metal and Liquids - Food & Beauty - Available in label format only
AD-550		1.5 x 2.99 in 38 x 76 mm	M5	- Supply chain, inventory and logistics - Aviation baggage tracking
AD-661		3.55 x 0.75 in 90 x 19 mm	R6/R6-P	- Automotive and glass - Personal ID badges & race timing
AD-662			UCODE DNA	
AD-663			U7XM/ U7XM+	
AD-665			U8	
AD-680		1.97 x 1.97 in 50 x 50 mm	R6/R6-P	- Supply chain management - Package tracking - Asset tracking
AD-681		1.97 x 1.97 in 50 x 50 mm	M4D/ M4QT M4i	
AD-806		0.63 x 0.63 in 16 x 16 mm	U7	- Healthcare and item-level retail - Supply chain, inventory and logistics
AD-810		.63 in (diameter) 16 mm (diameter)	R6	- Pharmaceutical and healthcare - Cosmetics and other item-level retail
AD-850		0.406 in (diameter) 10.3 mm (diameter)	M4QT	- Pharmaceutical and healthcare - Near-Field applications

HF RFID INLAYS **13.56 MHz, ISO-15693, 18000-3 Mode 1**					
Name	**Design**	**Size**	**Chip**	**User Memory**	**Applications**
AD-709x		1.85 x 1.85 in 47 x 47 mm	NXP ICODE SLIX	896 bit EEPROM Read/Write	- Library, media, documents and files
AD-714x		1.77 x 3 in 45 x 76 mm	NXP ICODE SLIX	896 bit EEPROM Read/Write	- Contactless cards and tickets - Library, media, documents and files
AD-730x		1.22 x .55 in 31 x 14 mm	NXP ICODE SLIX	896 bit EEPROM Read/Write	- Pharmaceutical and healthcare

NFC RFID INLAYS **13.56 MHz, ISO-14443, Type A**					
Name	**Design**	**Size**	**Chip**	**Memory**	**Applications**
AD-721		0.827 in (diameter) 21 mm (diameter)	NXP NTAG213	144 bytes Read/Write	
AD-740		1.50 x 0.89 in 38 x 22.5 mm	NXP Ultralight EV1	384 bit Read/Write	- Retail environment - Print media - Miscellaneous applications
AD-750		0.709 x 0.315 in 18 x 8 mm	NXP NTAG213	144 bytes Read/Write	
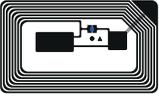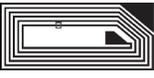
Ask your Avery Dennison Sales Representative or visit label.averydennison.com/ilab to schedule a tour of the new iLab in Mentor, Ohio, where you and your customers can experience first-hand the power of Intelligent Label solutions.

* 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.

Select Solutions™ Security Portfolio

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

Portfolio Characteristics

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

Applications

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

Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time
Tamper Evident Paper				
19348	Fasson® Tamper Resistant Litho/S814/40#SCK	EXACT™/5000	PVL	Next Day
08417	Fasson® Tamper-Resistant Litho/S246B/40#SCK	30/1668	PTC	10 Days
Void				
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
Frangible Film				
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
SharpTear™				
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=Peach Tree City, GA

Select Solutions™ 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
00940	ReDeem-a-LBL/S246/40#SCK	30/1500	PTC	4 Days
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	30/1500	PTC	4 Days
54271	Red Fluor/R195/40#SCK	60/4200	PVL	10 Days
54267	Chart Fluor/R195/40#SCK	60/1000	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	60/1000	PVL	Next Day
54263	Chart Fluor/R128/40#SCK	30/1500	PTC	4 Days
54264	Green Fluor/R128/40#SCK	30/1500	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 xx

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

Select Solutions™ 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

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

PVL = Painesville, OH

Select Solutions™ Kiddie Sticker Portfolio

Label constructions that help put smiles on faces

Portfolio Characteristics

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

Applications

– Books
– Toys and games
– Promotional materials
– Scrapbooking

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

Select Solutions™ 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

LP1000 UR3 R5423* R423   R128   R5195

More Removable   Less Removable
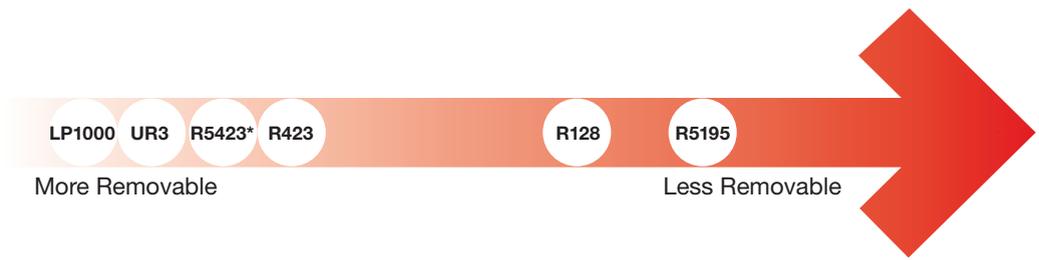
Removable Adhesives for Paper Components

Ultra Removable

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.
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.

Removable

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

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)	🟩 tighter	🟩 tighter	🟩 tighter	🟩 tighter	🟩 tighter
	Polyethylene - High Density (HDPE)	🟩	🟩	🟩	🟩	🟩
	Polyethylene Terephthalate (PET)	🟩	🟩	🟩	🟩	🟩
Glass	Polyethylene Coated	🟩	🟩	🟩	🟩 tighter	🟩
	Window (annealed)	🟩	🟩	🟩	🟩	🟩
	Automotive (tempered)	🟩	🟩	🟩	🟩	🟩
Metal	Powder Coated (smooth PET)	🟩	🟩	🟩	🟩 tighter	🟩
	Painted (alkyd enamel)	🟩	🟩	🟩	🟩	🟩
	Stainless Steel	🟩	🟩	🟩	🟩	🟩 tighter
Paper	Recycled Corrugated	🟩	🟩 tighter	🟩 tighter	🟩 tighter	🟩 tighter
	Bond (uncoated)	🟩	🟩	🟩	🟩	⛔
	Glossy (coated)	🟩 tighter	🟩	⛔	⛔	⛔

Based on 6 week testing of practical removability rating and failure mode

*Peel and tack are measured in lb./inch

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

Paper Products and Service Programs

Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time
LP1000				
54148	Fasson® DT 200HD FSC®/LP1000/40#SCK **NEW**	EXACT™/5000	PVL	Next Day
54149	Fasson® 60# Semi-Gloss /LP1000/40#SCK **NEW**	EXACT™/5000	PVL	Next Day
UR3				
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
R423/R5423				
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
R128				
01991	Fasson® 50# DSX™ FSC®/R128/50#SCK	30/1500	PTC	4 Days
07607	Fasson® High Gloss Plus/R128/40#SCK	60/1550	PTC	Next Day
07719	Fasson® High Gloss Plus/R128/50#SCK	30/1550	PTC	4 Days
15931	Fasson® Semi-Gloss Elite™/R128/40#SCK	30/1500	PTC	4 Days
96088	Fasson® Trans-Therm® 1C/R128/40#SCK	30/1667	PTC	6 Days
96174	Fasson® Trans-Therm® 2C/R128/40#SCK	30/1500	PTC	4 Days
19342	Fasson® Trans-Therm® 1C FasCover™ 2/R128/40#SCK	30/1500	PTC	4 Days
13645	Fasson® FasPrism™ Iridescent/R128/40#SCK	30/1500	PTC	4 Days

Paper Products and Service Programs

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

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

Film

R300   R3500 R3525   R1490   R3400   R143

More Removable   Less Removable
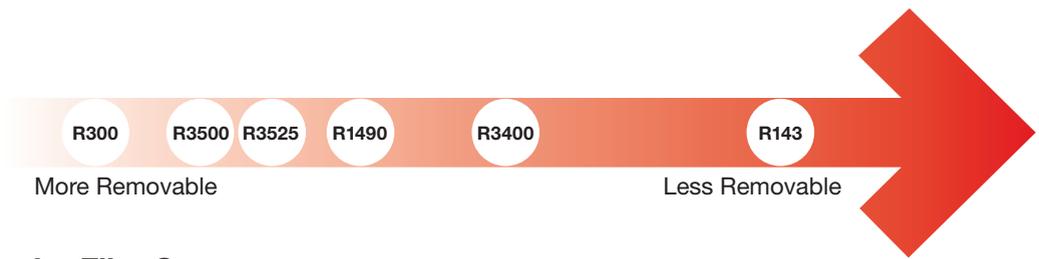
Removable Adhesives for Film Components

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	
R143	Specially formulated acrylic removable adhesive with versatile performance properties. Specific applications include durables, electronics assembly labeling and reclosures.
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.
R3500	Specially formulated acrylic adhesive designed for ease of removability from plastic packaging while maintaining good peel performance. Suitable for many general-purpose 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.
R3525	Specially formulated acrylic adhesive designed for ease of removability from plastic packaging while maintaining good peel performance. Suitable for many general-purpose applications.

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)	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended
	Polyethylene - High Density (HDPE)	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended
	Polyethylene terephthalate (PET)	Recommended	Tighter adhesion	Tighter adhesion	Tighter adhesion	Tighter adhesion	Tighter adhesion
Glass	Polyethylene coated	Recommended	Tighter adhesion	Tighter adhesion	Tighter adhesion	Tighter adhesion	Tighter adhesion
	Window (annealed)	Recommended	Tighter adhesion	Tighter adhesion	Tighter adhesion	Tighter adhesion	Tighter adhesion
	Automotive (tempered)	Recommended	Tighter adhesion	Tighter adhesion	Tighter adhesion	Tighter adhesion	Tighter adhesion
Metal	Powder coated (smooth PET)	Recommended	Tighter adhesion	Tighter adhesion	Tighter adhesion	Tighter adhesion	Tighter adhesion
	Painted (alkyd enamel)	Recommended	Tighter adhesion	Tighter adhesion	Tighter adhesion	Tighter adhesion	Tighter adhesion
	Stainless Steel	Recommended	Tighter adhesion	Tighter adhesion	Tighter adhesion	Tighter adhesion	Tighter adhesion
Paper	Recycled Corrugated	Recommended	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Not Recommended
	Bond (uncoated)	Recommended	Not Recommended	Not Recommended	Not Recommended	Recommended	Not Recommended
	Glossy (coated)	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Not Recommended

Based on 6 week testing of practical removability rating and failure mode

*Peel and tack are measured in lb./inch

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

Film Products and Service Programs

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

Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time
R300				
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
R3500				
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
R3525				
79625	Fasson® 2 Mil CL BOPP TC/R3525/1.2 Mil PET	60/1668	PVL	4 Days
R1490				
79008	Fasson® 2.3 Mil White BOPP TC/R1490/1.2 Mil PET	60/1000	PVL	7 Days
R3400				
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
R143				
75394	Fasson® PRIMAX® 350/R143/1.5 Mil PET	EXACT™/5000	PVL	Next Day
77967	Fasson® PRIMAX® 350/R143/50#SCK ABC	EXACT™/5000	PVL	Next Day
78578	Fasson® 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

	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	Recommended	Recommended	Recommended	Recommended	Recommended	Lower Peel
Denim	Recommended	Not Recommended	Recommended	Lower Peel	Lower Peel	Recommended
Stretch Denim	Recommended	Not Recommended	Recommended	Lower Peel	Lower Peel	Not Recommended
Polyester	Recommended	Recommended	Not Recommended	Not Recommended	Lower Peel	Lower Peel
Rayon	Recommended	Recommended	Recommended	Not Recommended	Lower Peel	Lower Peel
Nylon/Spandex	Not Recommended	Not Recommended	Recommended	Recommended	Not Recommended	Lower Peel

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

*Testing is recommended for all applications as there may be variation between colors, weaves and fabric blends

NOTE: We do not recommend applying pressure-sensitive labels to satin, silk, suede, leather, felt, velour, corduroy or velvet materials. Adhesive testing is suggested for specific applications.

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

FTW=Fort Wayne, IN　　PVL=Painesville, OH

Select Solutions™ Tag Stock Portfolio

Multipurpose for multitasking

Portfolio Characteristics

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

Applications

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

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

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

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

	Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time
Holographic Films	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
	79079	2 Mil Rainbow ITC/S692N/50#SCK	13/5000	FTW	7 Days
	79579	2 Mil Rainbow Seamless PET/S692N/50#SCK	30/2500	PVL	4 Days
Holographic Papers	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/ S246/40#SCK	30/1500	PTC	4 Days
	13645	Fasson® FasPrism™ Iridesc/R128/40#SCK	30/1500	PTC	5 Days
	19437	Fasson® Inverted-Face FasPrism™/S246/44#PK	30/1500	PTC	4 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

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

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

Select Solutions™ Piggyback Portfolio

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

Portfolio Characteristics

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

Applications

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

Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time
74796	Fasson® 2.5 Mil Matte Clear Valtuff®/S3000/3 Mil Clear Polyester/S3000/44#PK	54/2500	PVL	5 Days
78428	Fasson® 3 Mil Matte White Synthetic Paper/S4600/1.2 Mil Polyester/S4600/50#SCK	54/2500	PVL	5 Days
79436	2 Mil CL BOPP PB/S692N/1.5 PET/S692N/50#SCK	60/2500	PVL	5 Days
78253	Fasson® PRIMAX® 250/S1000/1.5 Mil Polyester/S1000/40#SCK	60/2500	PVL	5 Days
13373	Fasson® 50# DSX™ PB/S2501/40#SCK/S2501/50#SCK	Ready Width™ 6.5/10000 / Ready Width™ 9.25/10000	FTW	Next Day
16120	Fasson® Trans-Therm® 1C/S2501/40#SCK/40#SCK	78/1668	FTW WCT	Next Day
16120		EXACT™/5000	FTW	Next Day
15485	Fasson® 60# Semi-Gloss Elite™/S2501/40#SCK/S2501/40#SCK	78/1668	FTW	Next Day
15485		Ready Width™ 6/5000	FTW	Next Day
15485		Ready Width™ 9.75/5000	FTW	Next Day
15485		Ready Width™ 13/5000	FTW	Next Day
14814	Fasson® Trans-Therm® 1C/S246/40#SCK/S246/40#SCK	60/1668	WCT	Next Day
05252	Fasson® Trans-Therm® 1C /AT20/40#SCK/AT20/40#SCK	60/2500	PVL	5 Days
15484	Fasson® 60# Semi-Gloss Elite™/S2501/40#SCK/S2501/50#SCK	78/1668	FTW	Next Day
15484		Ready Width™ 6.5/5000	FTW	Next Day
15219	Fasson® Direct-Therm 300HD/AT20/40#SCK/40#SCK	60/4167	PVL	5 Days
17574	Fasson® 50#DSX/AT20/Image Liner/AT20/50#SCK	60/2500	PVL	5 Days

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

Select Solutions™ 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

Applications

– RFID application for logistics and transport
– Food and retail promotions

Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time
19188	FF 40#SCK/S490/40#SCK	60/2500	PVL, DAL	Next Day
19052	FF 40#SCK/At20/40#SCK	60/2500	PVL	5 Days
98819	FF 40#SCK/S246/40#SCK	30/2500	PTC	4 Days
78763	FF 40#SCK EZ/S490A/1.5 Mil PET	60/2500	PVL	4 Days

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

Wine and Spirits Portfolio

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

Portfolio Characteristics

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

Applications

– Wine
– Spirits

Uncoated Papers				
Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time
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
53330	Fasson® 60# Uncoated Litho Wet-Strength FSC®/Z3338/1.2 Mil PET	60/10000	FTW	5 Days
54104	Fasson® 60# Uncoated Litho Wet-Strength FSC®/Z1010/1.2 Mil PET	60/5000	PFF	10 Days
54187	Fasson® 60# Envi® 96 Bright White FSC®/Z1010/1.2 Mil PET	60/1668	PVL	Next Day
53290	Fasson® 60# Envi® 96 Wet-Strength FSC® 100% PCW/AT20N/1.2 Mil PET	60/2000	FTW	5 Days
19639	Fasson® 60# Estate Label® No. 4 Wet-Strength FSC®/S100R/1.2 Mil PET	60/1668	FTW, SEA	Next Day
		EXACT™ 60/5000	SEA	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	PFF	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	PFF	Next Day
53332	Fasson® 60# Estate Label® No. 8 Wet-Strength FSC®/Z3338/1.2 Mil PET	60/1000	FTW	5 Days
10449	Fasson® 60# Estate Label® No. 9 Wet-Strength FSC®/S246/40#SCK	30/1668	PTC	10 Days

Uncoated Papers				
Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time
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
19740	Fasson® 60# Uncoated Litho Wet-Strength FSC®/AT20N/1.2 Mil PET	60/10000	FTW	5 Days
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
12571	Fasson® 60# Classic® Linen Solar White Wet-Strength FSC®/S100R/44#PK	EXACT™ 60/5000	WCT	Next Day
		60/1668	WCT	Next Day
12623	Fasson® 60# Classic® Crest® Wet-Strength FSC®/S100R/44#PK	EXACT™ 60/5000	SEA, WCT	Next Day
19633	Fasson® 60# Classic® Linen Solar White Wet-Strength FSC®/S100R/1.2 Mil PET	EXACT™ 60/10000	WCT	Next Day
12649	Fasson® 60# Classic® Laid Solar White Wet-Strength FSC®/S100R/44#PK	EXACT™ 60/5000	WCT	Next Day
19657	Fasson® 60# Classic® Crest® Solar White Wet-Strength FSC®/S100R/1.2 Mil PET	60/1668	FTW	Next Day
		EXACT™ 60/5000	WCT	Next Day
18513	Fasson® 60# Classic® Crest® Solar White Wet-Strength FSC®/AT20N/44#PK	60/1668	FTW, WCT	Next Day
18842	Fasson® 60# Classic® Crest® Solar White Wet-Strength FSC®/S100R/40#BG	60/10000	FTW	5 Days
19648	Fasson® 60# Classic® Crest® Solar White Wet-Strength FSC®/AT20N/1.2 Mil PET	EXACT™ 60/5000	WCT	Next Day
		EXACT™ 60/10000	WCT	Next Day
54078	Fasson® 70# Classic® Crest® Solar White Wet-Strength FSC®/S100RB/1.2 Mil PET	EXACT™ 60/10000	WCT	Next Day
17499	Fasson® 60# Classic® Crest® Natural White Wet-Strength FSC®/S100R/44#PK	60/1668	WCT	Next Day
		EXACT™ 60/5000	WCT	Next Day
53963	Fasson® 70# Classic® Felt Natural White Wet-Strength FSC®/S100RB/1.2 Mil PET	60/1668	WCT	Next Day
54160	Fasson® 60# Classic® Felt Natural White Wet-Strength FSC®/S100R/44#PK	EXACT™ 60/5000	WCT	Next Day
54167	Fasson® 60# Classic® Felt Natural White Wet-Strength FSC®/S100R/1.2 Mil PET	60/1668	WCT	Next Day
54170	Fasson® 60# Classic® Felt Natural White Wet-Strength FSC®/AT20N/44#PK	60/4167	PVL	10 Days
54171	Fasson® 60# Classic® Felt Natural White Wet-Strength FSC®/AT20N/1.2 Mil PET	60/1668	FTW, WCT	Next Day
19203	Fasson® 70# Eggshell Felt Wet-Strength FSC®/S100RB/44#PK	EXACT™ 60/5000	SEA, FTW, WCT	Next Day

Uncoated Papers

Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time
19742	Fasson® 70# Eggshell Felt Wet-Strength FSC®/S100RB/1.2 Mil PET	EXACT™ 60/10000	WCT	Next Day
		EXACT™ 60/5000	WCT	Next Day
53331	Fasson® 70# Bright White Felt Wet-Strength FSC®/Z3338B/1.2 Mil PET	60/1000	FTW	5 Days
19917	Fasson® 70# Bright White Felt Wet-Strength FSC®/S100RB/44#PK	EXACT™ 60/5000	SEA, FTW, WCT	Next Day
53112	Fasson® 70# Bright White Felt Wet-Strength FSC®/S100RB/1.2 Mil PET	60/1668	FTW	Next Day
		EXACT™ 60/5000	WCT	Next Day
		EXACT™ 60/10000	WCT	Next Day
		ReadyWidth™ 10/5000	FTW	Next Day
		ReadyWidth™ 12/5000	FTW	Next Day
54143	Fasson® 70# Bright White Felt Wet-Strength FSC®/Z1010/1.2 Mil PET	EXACT™ 60/5000	PFF	Next Day
54189	Fasson® 60# Grape Touch/AT20N/1.2 Mil PET	60/1668	FTW	Next Day
53248	Fasson® 60# Luna Wet-Strength FSC®/S100R/1.2 Mil PET	60/1668	FTW	Next Day
53243	Fasson® 70# Royal White Wet-Strength FSC®/S100RB/1.2 Mil PET	60/1668	FTW	Next Day
53327	Fasson® 70# Royal White Wet-Strength FSC®/Z3338B/1.2 Mil PET	60/10000	FTW	5 Days
19715	Fasson® 60# Tramado Blanco Wet-Strength/S100R/44#PK	39/1000	PFF	5 Days
19903	Fasson® 60# Tramado Blanco Wet-Strength/S100R/1.2 Mil PET	13/5000	PFF	Next Day
53964	Fasson® 74# Global White Wet-Strength FSC®/S100RB/1.2 Mil PET	39/1668	PVL	Next Day

Black Collection

Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time
54305	Fasson® Black Velvet/S100RB/1.2 Mil PET	39/1668	PVL	Next Day
16256	Fasson® 60# Black Vellum/S100R/44#PK	30/4630	PVL	5 Days
53949	Fasson® 70# Classic® Laid Epic Black FSC®/S100RB/1.2 Mil PET	30/1668	PVL	Next Day
53962	Fasson® 60# Estate Label® No. 25 Black Wet-Strength FSC®/S100R/1.2 Mil PET	EXACT™ 60/5000	FTW	5 Days
54304	Fasson® 74# Night Skye Black Wet-Strength FSC®/S100RB/1.2 Mil PET	60/1668	FTW	Next Day

Luminous Collection

Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time
53663	Fasson® 67# Brushed Platinum Wet-Strength/AT20N/1.2 Mil PET	30/1668	WCT	Next Day
19923	Fasson® 60# Frozen Orion Diamond Wet-Strength FSC®/AT20/44#PK	30/1668	PVL	Next Day
53301	Fasson® 60# Frozen Orion Diamond Wet-Strength FSC®/AT20/1.2 Mil PET	30/1668	PVL	Next Day
54304	Fasson® 74# Night Skye Black Wet-Strength FSC®/S100RB/1.2 Mil PET	60/1668	FTW	Next Day
54303	Fasson® 74# Snowbound White Wet-Strength FSC®/S100RB/1.2 Mil PET	60/1668	FTW	Next Day
53328	Fasson® 64# Sparkling Asti Wet-Strength FSC®/Z3338/1.2 Mil PET	60/1668	WCT	Next Day
53246	Fasson® 64# White Pearl Wet-Strength FSC®/S100R/1.2 Mil PET	60/1668	FTW	Next Day
53607	Fasson® 64# White Pearl Wet-Strength FSC®/AT20N/1.2 Mil PET	60/10000	FTW	10 Days
16482	Fasson® 60# White Shursheen/S100R/44#PK	60/1668	WCT	Next Day

Sensorial Collection

Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time
53662	Fasson® 128# Birch Wood/AT20N/1.2 Mil PET	39/1000	PVL	5 Days
54305	Fasson® Black Velvet/S100RB/1.2 Mil PET	39/1668	PVL	Next Day
16912	Fasson® 70# Cambric Birch/S100RB/44#PK	30/1668	WCT	Next Day
53605	Fasson® 119# Cherry Wood/AT20N/1.2 Mil PET	39/1000	PVL	5 Days
54188	Fasson® 80# Cotton White Tree Free/S100RB/1.2 Mil PET	39/1668	PVL	Next Day
53988	Fasson® 60# Dappled White Wet-Strength FSC®/S100R/1.2 Mil PET	30/1668	PVL	Next Day
54284	Fasson® Ruby Velvet/S100RB/1.2 Mil PET	39/1668	PVL	Next Day

Matte Litho (Coated) Papers

Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time
19801	Fasson® 60# Matte Litho WN/S100R/44#PK	60/1668	SEA	Next Day
19803	Fasson® 60# Matte Litho WN/S100R/1.2 Mil PET	EXACT™60/5000	SEA	Next Day
15794	Fasson® 60# Matte Litho Wet-Strength/S100R/44#PK	30/8883	WCT	10 Days
19298	Fasson® 60# Matte Litho Wet-Strength/AT20/44#PK	78/1668	FTW	Next Day
		EXACT™78/5000	SEA	Next Day

Glossy Papers				
Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time
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
19638	Fasson® 60# Cast Gloss FSC®/S100R/1.2 Mil PET	EXACT™60/7500	MTL	Next Day
		EXACT™60/10000	WCT	Next Day
53329	Fasson® 60# Cast Gloss FSC®/Z3338/1.2 Mil PET	60/1000	FTW	5 Days
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/1.2 Mil PET	60/1668	FTW	Next Day
		EXACT™60/10000	WCT	Next Day
53363	Fasson® 60# Semi-Gloss Elite™ FSC®/S100R/1.2 Mil PET	60/1668	WCT	Next Day

Laminated Foils and Metallized Paper				
Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time
15789	Fasson® 70# Bright Silver Laminated Foil/S100R/44#PK	60/1668	PVL	Next Day
53459	Fasson® 70# Dull Silver Laminated Foil/AT20/1.5 Mil PET	60/1668	WCT	Next Day
		EXACT™60/10000	WCT	Next Day
53326	Fasson® 56# MaxFlex™ Bright Silver FSC®/Z3338/1.2 Mil PET	60/1000	FTW	5 Days
53351	Fasson® 56# MaxFlex™ Bright Silver FSC®/S100R/44#PK	60/1668	FTW, WCT	Next Day
		ReadyWidth™10/5000	WCT	Next Day
		ReadyWidth™12/5000	WCT	Next Day
53352	Fasson® 56# MaxFlex™ Bright Silver FSC®/AT20/40#SCK	EXACT™60/5000	FTW	Next Day
		EXACT™60/10000		Next Day
53380	Fasson® 56# MaxFlex™ Bright Silver FSC®/AT20/1.0 Mil PET	EXACT™60/10000	PVL	Next Day
53381	Fasson® 56# MaxFlex™ Bright Silver FSC®/AT20/1.2 Mil PET	EXACT™60/10000	PVL, WCT	Next Day
53397	Fasson® 56# MaxFlex™ Bright Silver FSC®/S100R/1.2 Mil PET	60/7500	FTW	8 Days

Films

Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time
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	EXACT™ 78/5000	WCT	Next Day
		EXACT™ 78/10000	QTN	Next Day
79684	Fasson® High Performance PRIMAX® TC/S7000/1.2 Mil Polyester	EXACT™ 78/10000	QTN	Next Day

HP Indigo Press Printable

Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time
19991	Fasson® 60# Estate Label® No. 4 Wet-Strength FSC® ITC/S100R/44#PK	ReadyWidth™ 12/5000	FTW	Next Day
19915	Fasson® 60# Estate Label® No. 8 Wet-Strength FSC® ITC/S100R/44#PK	ReadyWidth™ 12/5000	FTW, WCT, SEA	Next Day
		ReadyWidth™ 13/5000	FTW	Next Day
		ReadyWidth™ 10/5000	WCT, FTW	Next Day
19957	Fasson® 60# Estate Label® No. 8 Wet-Strength FSC® ITC/S100R/1.2 Mil PET	ReadyWidth™ 12/5000	FTW	Next Day
		ReadyWidth™ 10/5000	FTW	Next Day
		ReadyWidth™ 13/5000	FTW	Next Day
53338	Fasson® 60# Estate Label® No. 8 Wet-Strength FSC® ITC/AT20N/1.2 Mil PET FSC	ReadyWidth™ 12/5000	WCT, FTW	Next Day
19959	Fasson® 60# Estate Label® No. 9 Wet-Strength FSC® ITC/S100R/44#PK	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	Next Day
19962	Fasson® 60# Classic Crest® Solar White Wet-Strength FSC® ITC/S100R/44#PK	12/5000	WCT, FTW	Next Day
19987	Fasson® 60# Cast Gloss ITC FSC®/AT20N/1.2 Mil PET	12/5000	WCT, FTW	Next Day
19961	Fasson® 60# Matte Litho ITC FSC®/S100R/44#PK	12/5000	FTW	13 Days
53102	Fasson® 60# Matte Litho Wet-Strength ITC/AT20/44#PK	10/5000	FTW	4 Days
53127	Fasson® 70# Bright White Felt Wet-Strength FSC® ITC/S100RB/44#PK	ReadyWidth™ 12/5000	FTW, SEA	Next Day
		ReadyWidth™ 10/5000	WCT, FTW, SEA	Next Day
		ReadyWidth™ 13/5000	WCT, FTW	Next Day
53384	Fasson® 70# Royal White FSC® ITC/Z3338B/1.2 Mil PET	12/30000	FTW	7 Days
53340	Fasson® 70# Eggshell Felt FSC® ITC/S100RB/1.2 Mil PET	12/5000	WCT, FTW	Next Day
		13/5000	WCT, FTW	Next Day
53493	Fasson® 128# Birch Wood ITC/A20N/40#SCK	13/10000	FTW	8 Days

		Welded Papers			
Spec#	**Product Description**	**Width/Length (In./Ft.)**	**Location**	**Lead Time**	
53325	Fasson® 60# Uncoated Litho Wet-Strength FSC®/ OPP Weld/Z3338/1.2 Mil PET	60/10000	FTW	5 Days	
53007	Fasson® 60# Uncoated Litho Wet-Strength FSC® / OPP Weld /AT20N/1.2 Mil PET	EXACT™ 60/10000	WCT	Next Day	
53918	Fasson® 60# Uncoated Litho Wet-Strength FSC®/ OPP Weld/S100R/1.2 Mil PET	60/10000	FTW	5 Days	
53933	Fasson® 60# Estate Label® No. 4 Wet-Strength FSC®/PET/AT20N 1.2 Mil PET	60/4167	PFF	10 Days	
53696	Fasson® 60# Estate Label® No. 8 Wet-Strength FSC® Weld/OPP Weld/S100RB/1.2 Mil PET	60/10000	FTW	5 Days	
53024	Fasson® 60# Estate Label® No. 8 Wet-Strength FSC®/PET Weld/S100RB/1.2 Mil PET	EXACT™ 60/5000	WCT	Next Day	
53816	Fasson® 60# Estate Label® No. 8 Wet-Strength FSC®/PET Weld/AT20N/1.2 Mil PET	60/4167	PFF	10 Days	
18523	Fasson® 60# Estate Label® No. 8 Wet-Strength FSC®/PET Weld/AT20N/44#PK	60/4167	PFF	10 Days	
19838	Fasson® 60# Estate Label® No. 9 Wet-Strength FSC®/PET Weld/S100RB/44#PK	60/4167	PFF	10 Days	
53817	Fasson® 60# Estate Label® No. 9 Wet-Strength FSC®/PET Weld/AT20N/1.2 Mil PET	60/4167	PFF	10 Days	
53898	Fasson® 60# Classic® Linen Solar White Wet-Strength FSC®/OPP Weld/AT20N/44#PK	60/10000	FTW	5 Days	
53942	Fasson® 60# Classic Crest® Natural White Wet-Strength FSC®/PET Weld/AT20N/1.2 Mil PET	60/4167	PFF	10 Days	
54103	Fasson® 60# Envi Wet-Strength 100% PCW FSC®/OPP Weld/S100R/1.2 Mil PET	60/10000	FTW	5 Days	
54095	Fasson® 70# Bright White Felt Wet-Strength FSC®/OPP Weld/S100RB/1.2 Mil PET	60/1668	WCT	Next Day	
53232	Fasson® 70# Bright White Felt Wet-Strength FSC®/PET Weld/S100RB/44#PK	EXACT™ 60/5000	WCT	Next Day	
54072	Fasson® 60# Cast Gloss FSC®/PET Weld/ S100R/1.2 Mil PET	60/4167	PFF	10 Days	
53945	Fasson® 70# Premium High Gloss/PET Weld/ AT20N/1.2 Mil PET	60/4167	PFF	10 Days	
53926	Fasson® 60# Matte Litho WN/PET Weld/ AT20N/44#PK	60/4167	PFF	10 Days	
53837	Fasson® 67# Brushed Platinum Wet-Strength/PET Weld /AT20N/1.2 Mil PET	30/8333	PFF	12 Days	

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

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

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