

AD Connect

Insights and perspective to help your business grow



Introducing
two, new,
hot melt
adhesives

A boost for
the circular
economy

A smarter
supply
chain for
healthcare



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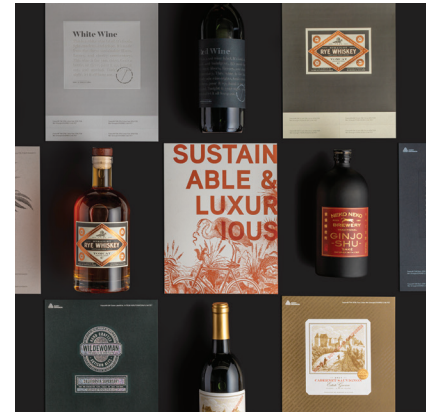
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As I write this message, distribution of COVID-19 vaccines is underway in the US, and hopes are high that we are one step closer to bringing the global pandemic under control. While we can be proud of the role and the accomplishments of our industry to supply label solutions to essential value chains in our economy, we see that the impact of high demand for these critical products is resulting in supply chain disruptions, higher raw material prices for polypropylene and transportation costs.

In this quarter's edition of AD Connect, you will see proof positive that regardless of the challenge, our passion and drive for high-quality, dependable sustainable solutions is alive and well. With a proven long track record of industry-leading innovations, we are here to help you increase efficiencies, reduce risk and environmental impact, and offer solutions that appeal to the growing number of end users who demand sustainable products.

Case in point, our newest hot melt adhesives, uses more sustainable, biobased and renewable components vs.

petroleum-based components. Hot melt adhesives have been used in the label industry for more than two decades to deliver strong initial tack and ultimate bond. Our new hot melt adhesives are not only more sustainable, but also deliver less ooze and cold temperature adhesion. For details, visit page 9.

We're also excited to offer you a closer look at our Machine Direction Orientation (MDO), Polyethylene (PE), and Biaxially Oriented Polypropylene (BOPP) films – all of which have been recognized by the Association of Plastic Recyclers (APR) for HDPE recycling. This complete

range of film solutions offers you a number of ways to enable the recyclability of rigid HDPE containers and represents a major milestone in enabling our industry new ways to advance the circularity of our products and those of our customers.

As materials science innovators, we are committed to making a meaningful difference for you and your customers. We work hard to supply you with products that help you run your business smoothly, efficiently and profitably.

Thank you.



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

An update on our sustainability goals

It's been six years since we introduced our eight, 2025 Sustainability Goals. Since then, we've worked to integrate these goals into all of our operations, applying to sustainability the same spirit of creativity and problem solving that's been at the core of our culture of innovation over the years.

We continue to make progress toward these goals, and to achieving their ambitious targets. Aligned with our commitment to transparency, we recently released our annual sustainability report. We invite you to review our progress, and discuss with your Avery Dennison representative ways that you can leverage our sustainable solutions to achieve your and your customer's sustainability goals and grow your business.

Looking beyond 2025

At the same time, we're looking beyond 2025. We've learned a lot in the past six years, and understand that our current goals represent not an end, but only a start.

The fact is, hitting our 2025 targets is just the beginning of the work we aim to do. And that's why, this March, we've published our 2030 Sustainability Goals:

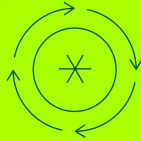
1. Deliver innovations that advance the circular economy
2. Reduce our environmental impact in operations and the supply chain
3. Make a positive social impact by enhancing the livelihood of our people and communities

The 2025 goals and the 2030 goals will complement each other. Our ongoing work towards the former will give us critical momentum for the latter.

All of our 2025 target areas appear in the 2030 goals, with even more ambitious benchmarks. As with the 2025 goals, we'll integrate the 2030 goals across the organization, and encourage our people to take an even broader view to their role in helping Avery Dennison create a more sustainable planet.

To learn more about sustainability at Avery Dennison, visit label.averydennison.com/sustainability.

2030 Sustainability Goal 1



Deliver innovations that advance the circular economy

We implement and advance technologies to enable recyclability, extend the lifespan of materials, reduce waste, increase recycled content and integrate opportunities for circular processes across our industries. By collaborating with our customers and suppliers, we can deliver a more sustainable future.

2030 Sustainability Goal 2



Reduce our environmental impact in operations and supply chain

We reduce our environmental footprint by decreasing our greenhouse gas (GHG) emissions, increasing our water efficiency and protecting the forests from which our products are derived. As a leader in our industries, we engage with our suppliers, customers and value chain partners to drive change that protects our climate and ecosystems.

2030 Sustainability Goal 3



Make a positive social impact by enhancing the livelihood of our people and communities

We champion transparency, collaboration, equality, diversity and inclusion. Our business contributes to the economic livelihoods of people and communities across our value chain. We serve as a force for good in our operations by promoting safety and enhancing the employee experience, as well as in our communities by investing in programs that advance women's empowerment, sustainability and education.





Introducing two, new, hot melt adhesives

Hot melt adhesives are reliable pressure-sensitive formulations that offer broad application temperatures and strong adhesion. They're a go-to solution for many converters for a wide range of applications and not much about them has changed over the years.

Now, however, the time has come to take the Avery Dennison Hot Melt Portfolio into the 21st century. These reformulated adhesives are friendlier to the environment, offer significant reduction in adhesive bleed, and create greater efficiencies on press with less adhesive contamination or ooze.

C4500 and C4510 offer substantial benefits over the adhesives they replace

The two new adhesives are C4500 for room temperature applications, and C4510 for cold temperature applications. These replace our popular C2500 and C2510 hot melt products, and offer substantial benefits.

Greater sustainability

According to the Avery Dennison LCA Methodology, when compared to their predecessors, C4500 and C4510 offer the following sustainability features:

- Use 40% less fossil material during production

What's more, C4500 and C4510 use biobased and renewable components instead of petroleum-based components. As limiting one's environmental footprint drives more and more purchasing decisions, C4500 and C4510 can help brands build their sustainability credentials.

Less ooze, no bleed

One of the traditional concerns about hot melts is adhesive ooze. It's an issue that creates more press cleanup and maintenance, and slows down production for many converters. Hot melts are also known for adhesive bleed through the facstock giving labels an oily appearance.

The good news is that we've engineered C4500 and C4510 to create 40 percent less ooze than

C2500 and C2510. They're easier to use and are designed to improve overall operational efficiency without compromising speed, conversion, and dispensing resulting in reduced downtime. We've also formulated these adhesives to eliminate bleed, to help ensure that labels look as good on their finished products as intended.



Greater minimum application temperature

Anyone who works with hot melt adhesives knows that cold temperatures at application can be a challenge. Labels tend to lift, peel, or fall off completely as label adhesion can be impacted by cold environments.

Our new cold temperature adhesive, C4510, has been engineered with a low minimum application temperature of 15 F, a ten degree improvement versus C2510. The C4500 hot melt, meanwhile, has a 35 degree application temperature. Both new products maintain the -65 F to 160 F service range.

The tack you and your customers count on

Customers value secure, permanent adhesion. End Users can continue to expect a quick tack and ultimate bond when using C4500 and C4510.

Time to take another look at hot melt adhesives?

The chemical characteristics of hot melt adhesives make them an excellent choice for many applications. Hot melts are particularly suited for recycled cardboard, low surface energy substrates, rough or difficult-to-adhere-to surfaces, and cold environments such as chillers and freezers.

Hot melts are used broadly in the food and beverage industry: for cold packaging, fresh meats, weigh scale, spreads and cheeses, and glass or plastic bottles for juices/functional beverages. They're also used by shippers to affix labels to corrugated cardboard. With the evolution of food packaging and the explosive growth of eCommerce, these applications should provide numerous business opportunities for label converters.

New adhesives are now available

Our C4500 and C4510 adhesives are now available for purchase. To learn more about these products and conversion opportunities for your business, contact your Avery Dennison representative. AD



A boost for the circular economy

Three of our film portfolios now have APR recognition for HDPE — that's great news for sustainability-focused brands



Avery Dennison recently announced that our clear and white BOPP, MDO (including global MDO and Global CO-EX), and PE films, paired with several of our acrylic emulsion adhesives, are now all recognized to comply with the Association of Plastic Recyclers (APR) critical guidance for HDPE recycling.

So what does this mean? APR Critical Guidance is a comprehensive laboratory protocol to assess the compatibility of packaging innovations with recycling systems. Recognition of our films by APR validates that the labels can stay with the container without impacting the recycling process.

This makes Avery Dennison the first label manufacturer to offer a complete range of film solutions for brands and converters seeking to enhance the recyclability of rigid HDPE. Note that these are not new film products for us. Instead, it's an important recognition that means many of our current films — at their current prices — can provide even more value to your business.

HDPE use is booming ... and that's why this is a big deal

HDPE is the dominant packaging type in consumer goods — it's used for countless products in personal care, beauty, food, and other markets. It's relatively inexpensive and favored for its

optical and barrier properties. It can be produced in varying levels of thickness and strength, and can be pigmented or non-pigmented, all adding to its versatility. Food brands are attracted to HDPE, furthermore, because it can help products have a longer shelf life and reduce spoilage. According to Euromonitor, the global CAGR for HDPE is 1.5 percent over the next five years.

How APR recognition impacts HDPE recycling

APR recognition of our films is definitely a “win” for our efforts to promote a circular economy for plastics — one where plastic items can be used, recycled, and put to use again and again, to reduce our dependence on virgin materials.

To understand how this helps, here's a greatly simplified outline of the HDPE recycling process:

1. Bottles are sorted by resin color—pigmented (about 80% of bottles) vs. non-pigmented (about 20% of bottles).
2. As there's a greater demand for non-pigmented bottles, they tend to go through a hot wash. This allows them to be recycled into higher-quality/ food grade plastic.
3. Pigmented bottles tend to go through a cold wash. They can then be downcycled into things such as park benches and building materials, or upcycled back into bottles.

Our APR recognition means our label materials are compatible with the cold wash stream of this process. This can make it easier for brands to create HDPE recycling-friendly labels.

While Avery Dennison now has APR recognized label materials for HDPE recycling, please note that varnishes, inks, and other elements of the label can affect the overall recyclability of the HDPE package. When designing a recyclable plastic bottle — regardless of whether that plastic is PET or HDPE — designers need to consider the recyclability of the entire system.

How can this help your clients? Let's talk

If you're producing film labels for your clients' HDPE bottles, let's talk. We're happy to help you understand how our materials can help your customers boost their sustainability credentials by increasing the overall recyclability of their packaging. Contact your Avery Dennison representative to learn more. **AD**

How our Technical Leaders have adjusted their approach in the pandemic

An end-to-end process, focused on customer outcomes

Through our Engineered Solutions program, Avery Dennison Technical Leaders offer personal support to specific customer challenges. This can range from the simple, such as helping a customer locate needed data, to more complex services such as coordinating prototyping, testing and support for custom “one-off” label constructions.

TLs will even participate in regular business reviews with select customers. They'll discuss business plans and goals to help those customers come up with solutions for longer reaching projects and growth strategies for specific markets.

Whatever the level of complexity, an Engineered Solution is always an end-to-end process focused on getting the customer what they need, when they need it, to be successful.

Shifting to a virtual approach to customer support

The COVID-19 Pandemic, and its impact on work, has promoted the team to shift its approach to customer support.

Jana Braun, technical leader for the central region, explains: “We’ve been supporting our customer base through webinars, Google Meets calls, even phone and emails — however we can connect. Since every situation and every customer need is different, there’s really no secret recipe to our approach. We maintain the connection in a way that works for the customer. And we strive to get them the solution they need as quickly as possible, and do it with the same level of quality as if we were meeting in person.”

Adds Ron Cope, technical leader for the east region, “One advantage is that virtual calls can be set-up faster, so you don’t have to wait for someone to arrive on-site to provide support. A picture or video is worth a thousand words.”

TLs have been using video conferencing to see how customers are putting label constructions together, for instance, or to see their presses in operation with certain materials. And in this era of remote work, the team has come to rely on videoconferencing to stay connected with each other and brainstorm solutions to customer challenges.

“Two coworkers and I have been having video meetings with a major pharmaceutical end user,” says Rick Bertone, technical leader for the central region. “We’ve been providing practical application knowledge, testing and market analysis on cryogenic materials for use in vial labels that may be directed toward COVID-19 relief. This collaborative effort is one way in which Avery Dennison and its customers continue to strive to do good where and when possible.”

A place for remote communications in the future

There will eventually be a post-pandemic “return to normal,” hopefully in the not-too-distant future. When that happens, the TLs expect to resume travel to support customers. But Jana also expects the team to continue to leverage virtual communications tools, when and where it makes sense, to make Engineered Solutions even more valuable to customers than ever before. These virtual tools make it possible to connect more frequently, or even with customers in multiple states on the same day. **AD**

Meet the TLs

The seven members of the Engineered Solutions team each support a specific region of the country. The team recently realigned to help ensure not only the most efficient geographic coverage, but the best allocation of the team’s expertise across our customer base.



Shane Bendelewski, East Region

25 years of career experience in manufacturing, quality, R&D and operations. 10 years at Avery Dennison, with three as a TL.

“A large portion of my career has been dedicated to quality and R&D. The majority of my Avery Dennison career (five years) was with our Application Consultant group. There, I was required to build extensive knowledge of all things dealing with pressure sensitive technology.

“As a TL, I use that knowledge for promoting growth in specialty product segments through new, application-specific product development, utilizing new and existing raw materials, processes, and technologies.”



**Rick Bertone,
Central Region**

26+ years of career experience in customer service, sales support and technical support. 21 years at Avery Dennison, with seven as a TL.

“I consider myself a generalist, however, my background and experience lean toward Durables.”



**Jana Braun,
Central Region**

28 years of career experience in manufacturing, quality, ops and technical support. 20 years at Avery Dennison, with seven years in the TL role.

“During the first part of my Avery Dennison career, I worked in quality and operations. That gave me hands-on experience in problem solving. It also helped me build relationships with suppliers, the operations teams, and customers. Through my plant experience, I have background in VI paper, layflat, removable adhesives, along with unique wine and piggyback constructions. Over the last seven years in my TL role, I’ve continued to gain experience with film on film constructions and unique holographic applications. I try to be creative in providing application based solutions.”



**Ron Cope,
East Region**

24 years of career experience in manufacturing, quality, operations, and technical support. 17 years at Avery Dennison, with five as a TL.

“I’ve spent a considerable part of my career in quality and process engineering management, so I have a broad-range of experience with raw materials, coating and finishing, converting, and application. I also have a good understanding of film-on-film applications, TrueCut™ All Temperature Adhesive, and CleanFlake™ Adhesive. But I am always learning something new about all our product lines and how we can solve any customer need.”



**Pete VonKleist,
West region**

45 years of career experience in manufacturing, quality, R&D, and technical support. 45 years at Avery Dennison, with 15 years in the TL role.

“During the early years of my career I worked in quality as a webstock technician. I was responsible for interactions with our raw material suppliers for resolution of quality issues and rejections of substandard products. This enabled me to gain experience and expertise in the various physical aspects of papers and films. My tenure in quality continued as senior lab technician, then evolved into an R&D role for qualifications and development of layflat sheet fed constructions serving the Graphic Arts Division.”

“During the past 20 years, I have been part of the label Division. Here, I have focused on specialty business as a custom products engineer and then as a TL with an emphasis on wine & spirits, creating new constructions to serve our customers’ needs.”



**Enrique Yrigoven,
West Region**

30 years of career experience in sales, engineering, field technical support, and quality. 25 years at Avery Dennison, with five as a TL.

“My expertise is with VI, prime films and paper, and durables. I spent 10 years supporting office products applications, then three years supporting durable initiatives in the West, and five years supporting customers in Mexico and Central America. I’m bilingual, so I’m able to help customers in both English and Spanish.”



**Tony Zalba,
West region**

28 years career experience in printing, converting and pressure sensitive industries. 23 years at Avery Dennison, with 14 years in the TL role.

“I’ve spent 20 of the last 23 years in a customer facing technical role, so I have a well rounded knowledge of pressure sensitive technology. Some of my areas of specialty include wine & spirits, dissolvable materials and holographics.”



The consumer trends affecting our industry in 2021 ... and beyond

As we all work to turn the corner on the pandemic that upended life in 2020, the new year promises to be one of continued transition. Nowhere does this seem truer than in consumer behavior, especially as it affects the packaging industry.



In past issues of AD Connect, we've tracked several key trends that link back to our industry. This has been part of an effort to offer broader insights to converters and brand owners, and a clearer understanding of potential business opportunities. After all, what we do starts with what the consumer wants and needs.

Our tracking of these trends continues in this issue — unless noted, our sources include Euromonitor, Mintel, HIS, Forbes, and McKinsey. Here are where these experts believe consumers' attitudes are as we start 2021.

The retail revolution will continue

Not surprisingly, the pandemic has driven the retail revolution, including an acceleration of the eCommerce trend. According to a Bazaarvoice.com survey in December 2020, 61% of consumers said they'd made a purchase from Amazon in the previous month, while 74% said they'd made a purchase from the eCommerce giant in 2020.

As consumers look for other ways to avoid crowded stores, retailers have worked to quickly implement innovative, alternative, safer shopping processes. Prior to the pandemic, 27% of shoppers said they'd considered curbside pickup important. Within 10 months, that had risen to 53%.

At the same time — and perhaps in spite of the inconveniences of pandemic life — consumers are becoming ever more demanding. They want their goods and services as quickly as possible, at a time when companies are still figuring out new and innovative ways to use technology to connect with buyers. They also want more personalization, but remain wary of sharing too much personal information.

Shoppers are showing love to their local retailers as well. The shift to buying local continues, as consumers desire to support their communities and small businesses, and increase their knowledge of where products they buy come from. According to a survey by Ernst & Young, 59% of consumers are likely to shop locally more often in the long term.

Connected sales channels will be vital in the future. Brands must find ways to build value, and help consumers discover, engage, research, buy and get post-purchase support using whatever channels they want, at any time they want. They must also find ways to build trust when asking consumers to share their personal information.

Urbanization is unlikely to stop

Today, 55% of the world's population lives in an urban area, according to the United Nations. As the true scale and impact of the pandemic set in, it might have seemed reasonable to think that the global trend towards urbanization would go into decline. After all, who wants to live in a crowded city when there's an airborne virus going around?

The factors driving urbanization are very complex, however. And while the pandemic may cause a downward blip in the trend, the longer term outlook still has our population migrating toward cities. According to a July 2020 article in Commercial Property Executive:

“Urbanization has been declared dead before, such as in the aftermath of the 9/11 terrorist attacks, when people temporarily avoided cities. Eventually, though, crowds came back because urban areas provided what they wanted from life. The lesson is clear: If there is to be a lasting shift in demographic trends that favors the suburbs, it must be driven by a change in lifestyle preferences that drove urban growth in the first place.”

We're getting and staying fit ... at home

With the pandemic, many gyms across the country have had to shutter temporarily or permanently. Those that have remained open have instituted a range of safety measures, from mask and social distancing mandates, to limiting the number of patrons in the facility at one time.

All this has been a boon for makers of home fitness equipment, who aim to serve a bigger slice of the 57% of consumers who want to improve their overall well-being & mental health. Those consumers are increasingly investing in high-quality home exercise systems that are able to replicate what they had in a gym, including live-streamed workouts and coaching sessions. Peloton, as a well-known example, reported triple digit growth in revenue, subscriptions, and workouts last September. Rogue Fitness, the country's leading manufacturer of strength and fitness equipment, hired 200 people in May to help keep up with surging demand for its kettlebells, barbells, and other gear.

There's also been a growing demand for products that offer a perceived physical, mental, and/or emotional benefit. Consumers are more likely to purchase from a brand that they perceive to be safe and minimize unnecessary risk. The Consumer Index Report by Ernst & Young reports that 26% of consumers surveyed prefer brands and products they trust to be safe and minimize unnecessary risks. Fifty-seven percent say they now pay more attention to how healthy the products they buy are for them.

Restaurants are getting creative

The restaurant industry, much like fitness, has had to pivot sharply in this pandemic new normal. Many have moved beyond the standard business model to help keep their doors open.

The explosive growth of food delivery in the last year is an obvious result, and more than 60 percent of consumers expect to increase or maintain their use of these services in the post-pandemic era. Door Dash, which had been unprofitable for most of its seven-year existence, went public in December 2020. On the day of its IPO, the company was valued at \$72 billion. GrubHub reported a 53 percent increase in revenue for the third quarter of 2020, compared to the same quarter in 2019.

With even more creative thinking, some restaurants have started releasing private-label products to look for ways to maintain revenue during the pandemic. These have included everything from branded seasonings and alcoholic beverages to assorted grocery items. TrendHunters reports that some establishments have even started to offer grocery stables.

Opportunities for converters

These have been extraordinary times, and nobody knows exactly what the post-pandemic "new normal" will bring. One thing seems certain: If our industry was evolving at a rapid pace before 2020, that pace will continue in 2021 and beyond.

The reassuring news is this: Even in times of great change, Avery Dennison is a partner you can count on. We make tremendous efforts to keep tabs on what's happening with consumer behavior, and evolve our product portfolios and service offerings to help converters and brand owners respond. We welcome the opportunity to develop that partnership with your business. Contact your Avery Dennison sales representative to learn more about how we can help you grow. **AD**



Avery Dennison CleanFlake™ Adhesive Technology Makes Chlorophyll Water Even Greener



Chlorophyll Water® is a plant powered purified water (carbon filtered, triple filtration, UV treated), enhanced by nature, with the addition of chlorophyll, a key ingredient and the vital green pigment in plant life. Since its launch in 2019, Chlorophyll Water has been enjoyed by health-minded consumers along with athletes and celebrities such as Aly Raisman, Rosario Dawson, and Kourtney Kardashian.

The company is passionate about sustainability and wanted to make sure their label and packaging reflected that. Recognized by the Green Business Bureau as “Good for the Mind, the Body, and

the Planet,” Chlorophyll Water features a bottle that’s 100 percent recyclable, BPA-free, non-toxic, and landfill biodegradable. The company is a member of the National Recycling Association, the National Waste and Recycling Association, Green America, and the New York State Association for Reduction, Reuse and Recycling.

How Avery Dennison CleanFlake helps boost Chlorophyll Water’s sustainability credentials

To produce a label for its 20-oz bottle, Chlorophyll Water partnered with Hub Labels. Based in Hagerstown, Maryland, the company manufacturers



pressure-sensitive and linerless labels for a range of applications, including beverage bottles.

Like Chlorophyll Water, Hub has a strong reputation and passion for sustainability; indeed, sustainability is one of its core operating principles. Hub is a certified member of the Sustainable Green Printing Partnership and has won multiple awards for its environmental stewardship and leadership.

To help Chlorophyll Water find a label that would enable 100% of the bottle to be recycled into rPET, Hub recommended the Avery Dennison CleanFlake™ adhesive technology be used in the label construction. Copy on the label announces its use of the adhesive, letting consumers know they can recycle the bottle without having to spend any time and effort removing the label.

Avery Dennison introduced its CleanFlake technology in to help improve the yield of high-quality, food grade PET in the recycling

process. The CleanFlake Portfolio is built on a water-based adhesive technology that separates cleanly from PET during the caustic wash stage of the recycling process. No adhesive residue remains on the plastic, meaning it can be processed into clean, high quality, recycled PET flakes. The adhesive is available with a selection of film and FSC®-certified paper facestocks.

A client-converter partnership focused on sustainability

“As a brand, Chlorophyll Water is committed to sustainability and implementation of new ideas and technology which can improve the impact that packaging has on our environment,” says Matt Levine, founder of Chlorophyll Water. “Always looking to evolve, we were excited to learn about Avery Dennison’s CleanFlake technology for our labels (to pair with our Landfill Biodegradable, BPA-Free, Non-Toxic and 100% Recyclable Bottle). Avery Dennison’s CleanFlake technology ensures that our labels cleanly separate during the recycling process increasing the yields of pure PET flakes.”

“When it comes to a project like this, I think it’s important for the client, designer, and printer to focus on creating a sense of partnership from the earliest

stages,” says Thomas Dahbura, President, Hub Labels. “In this case, that early partnership gave us an opportunity to really learn about the Chlorophyll Water brand, which clearly is doing all the right things when it comes to sustainability. That partnership allowed us to create a label for Chlorophyll Water that met their sustainability goals and represents their passion for environmental stewardship — the CleanFlake system is really a perfect fit.”

Can CleanFlake help improve your brand’s sustainability?

CleanFlake technology conforms with the Association of Plastic Recyclers’ Guide for Plastics Recyclability, and has been adopted by many brands looking to improve their sustainability. To find out how it can help your brand, visit label.averydennison.com, or contact an Avery Dennison sales representative.

To learn more about Chlorophyll Water, including its 100 percent recyclable, BPA-free, non-toxic, landfill biodegradable bottles, visit chlorophyllwater.com. **AD**

To learn more about Hub Labels, including the company’s capabilities and commitment to sustainability, visit hublabels.com.



Illustration by Michael Driver © Michael Driver 2020

A smarter supply chain for healthcare

RFID and intelligent labels are poised to transform healthcare and pharma

2020 ended with a light at the end of the tunnel for the COVID-19 Pandemic: As of this writing, multiple vaccines have been approved in the U.S. to help prevent spread of the illness.

Now, 2021 has opened with one of the greatest logistical challenges in modern history. The question is, how do we get these vaccines from their manufacturers, through a complex supply chain that will require strict temperature control, into the hands of healthcare providers ... and then into the arms of their patients? Also, how do we do this not only for millions of Americans, but for billions of people across the globe?

All eyes are on the pharmaceutical supply chain

Modern challenges require modern solutions, and it seems as if all eyes

are on this supply chain. According to a recent Avery Dennison market report of more than 700 C-suite executives and other leaders of retail, logistics, and supply chain industries around the world, 63% of respondents believe COVID-19 will bring supply chain behaviors into sharper focus.

Just as experts ponder how to tackle this daunting challenge, Radio Frequency Identification (RFID) technology is making inroads in the healthcare industry and pharmaceutical supply chain. As the world's largest UHF RFID provider, we've helped bring the transformative power of the technology to multiple industries. And with our RFID-powered Intelligent Label portfolio, we're poised and prepared to bring it to healthcare and pharma, too.

What are intelligent labels?

RFID technology allows virtually any item to have a digital signature, collecting and transmitting a wealth of data to human users or computers via dedicated radio frequencies. To achieve this, an RFID inlay containing a microchip and an antenna is embedded into a pressure sensitive label and adhered to the item. This construction is thus an “intelligent label.”

These inlays are tiny, and finished intelligent labels are small and unobtrusive enough to be adhered to items ranging from automotive parts, to airline luggage tags, to glass syringes. (In fact, as the cost of RFID inlays has plunged in recent years, the technology has established itself in a very wide array of applications.) Once encoded, each inlay collects and transmits data to a handheld or fixed RFID reader. This reader then relays the data to a mobile app or online database, where it can be monitored and analyzed.

Tagged items can thus be tracked and traced online via inventory management apps or other software. This provides dramatically improved visibility into supply chains and inventories. Users can track any item, anywhere, and “see” it in real time. Because RFID

does not require line of sight, the technology is more reliable than bar codes, and enables the reading of hundreds of tagged items in a single pass.

RFID technology encompasses “active” and “passive” versions, with radio frequencies varying from low to ultra-high. Passive, ultra-high frequency (UHF) and near-field communications (NFC) RFID, are the types best suited for applications in pharmaceuticals, healthcare, and most other market sectors.

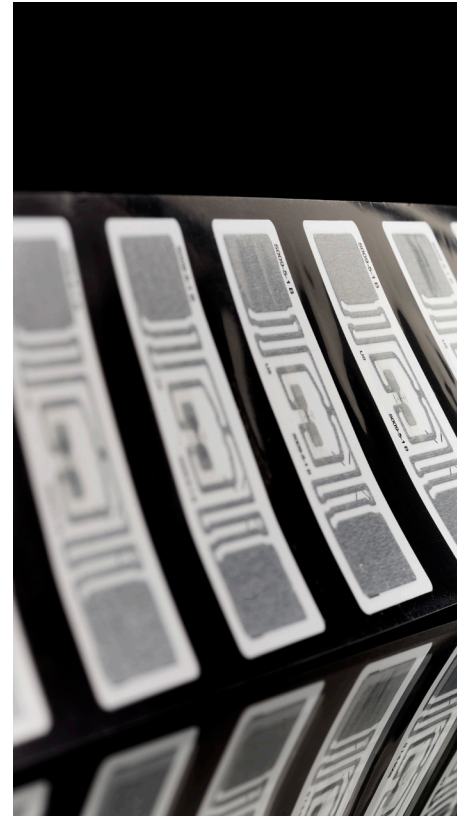
Intelligent labels in the healthcare supply chain

In the healthcare supply chain, intelligent labels can provide anytime, anyplace traceability, with visibility down to the dose. They can be an effective tool for product authentication. They can help better document and communicate regulatory compliance. And, intelligent labels can give drug makers and pharmacists more effective ways of communicating about correct product use, enabling improved patient compliance.

Intelligent labels can also assist in temperature and quality monitoring. Sensors can be programmed to detect if the temperature of a pharmaceutical product has fallen outside of its required range for storage

and transportation. This is a significant issue. An analysis by the International Air Transport Association’s Center of Excellence for Independent Validators in Pharmaceutical Logistics estimates losses from vaccines exposed to temperatures outside the recommended range at \$34.1 billion annually. It’s worth noting that one of the significant logistical challenges with the first COVID-19 vaccines is the need to keep them at an extremely cold temperature during transport.

There are additional benefits across the chain, all the way to the patient level. Intelligent labels





can help providers better manage their inventory of supplies, more closely monitor expiration dates, and detect product tampering to help keep patients safe. They can help the industry fight the \$200 billion global pharmaceutical counterfeiting problem. They can help enable faster and more precise recalls of medications and medical devices, saving healthcare staff time and energy.

RFID and COVID-19 testing kits: A use study

The pandemic has already provided new opportunities for RFID technology. Last summer, Smartrac, an Avery Dennison company, joined with blockchain

developer SUKU to produce an NFC-based digital verification solution for authenticating COVID-19 test kits and personal protective equipment (PPE).

The tagging allows healthcare personnel to verify that test kits are indeed FDA approved and come from a legitimate source. It also allows access to real time data from the administration of the test itself. In other words, data can be transmitted directly between the laboratory, the healthcare provider, the local health authorities, and the patient. In the event of a positive test, this can help speed communication between these parties, ensure the patient takes

appropriate steps to prevent further spread of the virus, and potentially save lives.

What's at stake

According to a recent market report of C-suite executives and business leaders by Avery Dennison, 55 percent of respondents believe that digital technologies can solve their big supply chain issues. Underscoring this is what's at stake: RFID and intelligent labels have such significant potential in healthcare because of the potential to improve patient outcomes and save lives.

The record timeline for the development of approved, effective vaccines for COVID-19 is a testament to the efficacy of modern science. But when history looks back on this episode, it won't be the full story of how we turned the corner on the virus. That story will most certainly include significant efforts to optimize the healthcare and pharmaceutical industry supply chains. RFID and intelligent labels have potential to be an important part of those efforts.

To discuss RFID opportunities in the healthcare and pharmaceutical industries, contact your Avery Dennison representative. Learn more about the Avery Dennison RFID portfolio or watch this on-demand webinar. **AD**

Sustainability Inspiration Envelope

Based in San Luis Obispo, California, Makers & Allies is an award-winning design and branding studio working exclusively with the wine, craft and spirits industry. This collection of label designs for six fictitious brands all feature sustainable constructions from the Avery Dennison Wine & Spirits portfolio. They prove that sustainable labels can be used to showcase luxury designs and products.

Sustainability without limits

If great design begins with great stories, then the Avery Dennison Wine and Spirits Portfolio Sustainability Collection is chock full of inspiration. With facestocks made from recycled fruit waste from the winemaking process, and other organic materials, doing right by the planet is just the beginning. To point, Makers & Allies work proves that clever design and storytelling can bring luxury and sustainability together.

“There were no parameters when it came to design, which gave us a lot of creative freedom to try a variety of styles. Some of the concepts are modern, some are more traditional, some feel totally wild! We started this process by ideating on names for the six fictitious brands and then choosing what type of alcohol we wanted each individual paper to go on. From there, we pulled names for the papers and designed unique labels chosen for the personality of each paper. As each design developed, the print techniques began to shuffle in for ways to elevate the paper even more. We were super inspired by the papers because they’re made with really neat recycled goods, whether it’s hemp or citrus. There was a lot of room to let the paper substrate inspire the label design. For example, the hemp paper became a CBD-infused Sake.”

– Makers & Allies



Facebook TSM 27% Carbon Foot 20% FCM Net Strength FCB J02012.1 MI PET

White Wine

This is a white wine label. It's fresh, light, modern, and crisp. It's made from the finest sustainable fibers, flavors, and cheeky commentary. This wine is for you, after. Grab a bottle, or three, pour it up, hang it out, and unwind. Tonight is your night, let it all hang out.

Made by Madmen & Ollie

Facebook TSM 27% Carbon Foot 20% FCM Net Strength FCB J02012.1 MI PET

Facebook TSM 27% Carbon Foot 20% FCM Net Strength FCB J02012.1 MI PET

Facebook TSM 27% Carbon Foot 20% FCM Net Strength FCB J02012.1 MI PET



Facebook G08 Craft 15% Grain 60% FCM Net Strength FCB J02012.1 MI PET

Facebook G08 Craft 15% Grain 60% FCM Net Strength FCB J02012.1 MI PET

Facebook G08 Craft 15% Grain 60% FCM Net Strength FCB J02012.1 MI PET

Facebook G08 Craft 15% Grain 60% FCM Net Strength FCB J02012.1 MI PET



SUSTAINABLE & LUXURIOUS



Facebook TSM 27% Carbon Foot 20% FCM Net Strength FCB J02012.1 MI PET

Red Wine

This is a red wine label. It's dark, and indulgent, the finest fibers, flavors, and cheeky commentary. This moody solo wine is for you, after. Grab a bottle, or three, pour it up, hang it out, and unwind. Tonight is your night, let it all hang out.

Made by Madmen & Ollie

Facebook TSM 27% Carbon Foot 20% FCM Net Strength FCB J02012.1 MI PET

Facebook TSM 27% Carbon Foot 20% FCM Net Strength FCB J02012.1 MI PET

Facebook G08 Craft 15% Grain 60% FCM Net Strength FCB J02012.1 MI PET

Facebook G08 Craft 15% Grain 60% FCM Net Strength FCB J02012.1 MI PET

Facebook G08 Craft 15% Grain 60% FCM Net Strength FCB J02012.1 MI PET

Facebook G08 Craft 15% Grain 60% FCM Net Strength FCB J02012.1 MI PET



Facebook TSM 27% Carbon Foot 20% FCM Net Strength FCB J02012.1 MI PET

Facebook TSM 27% Carbon Foot 20% FCM Net Strength FCB J02012.1 MI PET

Facebook TSM 27% Carbon Foot 20% FCM Net Strength FCB J02012.1 MI PET

Facebook TSM 27% Carbon Foot 20% FCM Net Strength FCB J02012.1 MI PET

AD Connect Q1 20

Fasson® 60# 25% Hemp 75% PCW/AT20/40#SCK





Fasson® 70# 25% Cotton Feel 30% PCW Wet-Strength/S100RB/1.2 Mil PET



Fasson® 70# 100% Pure Cotton Wet-Strength/S100RB/1.2 Mil PET



AD Connect Q1 | 21

Fasson® 60# Crush 15% Citrus 40% PCW Wet-Strength FSC®/AT20/1.2 Mil PET



Fasson® 70# Black 25% Cotton 30% PCW Feel Wet-Strength/S100RB/1.2 Mil PET



AD Connect Q1 | 21

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

AD Connect Q1 | 21



Select Solutions™ Cover-up Portfolio

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

Portfolio Characteristics

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

Applications

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



Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time
15477	Semi-Gloss Elite™ FasCover™ 2/AT20/40#SCK	EXACT™/2500	WCT	Next Day
		EXACT™/5000	FTW	
		EXACT™/10000	DAL	
54383	54# Semi-Gloss FasCover™ 2/C4500/40#SCK	EXACT™/5000	PTC	Next Day
19542	60# SG Elite FasCover/R128/40#SCK	30/1668	PTC	13 Days
07636	60# Cast Gloss FasCover™ 2/AT20/40#SCK	EXACT™/5000	FTW	Next Day
13138	60# Cast Gloss FasCover™ 2/S246/40#SCK	30/1668	PTC	13 Days
13601	Trans-Therm® 1C FasCover™ 2/AT20/40#CK	EXACT™/5000	PTC	Next Day
19342	Trans-Therm® 1C FasCover™ 2/R128/40#SCK	30/1668	PTC	13 Days
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
53966	DJ 500HG FSCVR/S2501/40#	60/1668	FTW	Next Day
53825	Inverted-Face MaxFlex™ Bright Silver/S246/40#SCK	30/1668	PTC	13 Days
08192	Inverted-Face Bright Silver Foil/S246/40#SCK	30/1668	PTC	13 Days
75312	Inverted-Face Metallized Primax® 250/ S1000/44#PK	EXACT™/2500	PVL	4 Days
78932	2.3 Mil Metalized White BOPP TC/S692n/50#SCK	54/4200	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 EXACT™/1668	NEE	1 Day	✓	✓		
76658	2 Mil Matte White PET TC/S8015/50#SCK	Custom Coat/5000	PVL	5 Days	✓	✓		
76660	2 Mil Matte Chrome PET TC/S8015/50#SCK	EXACT™/1668	NEE	1 Day	✓	✓		
*79453	2 Mil White PET TC/S8049/50#SCK ABC	Stock/1668	PVL	1 Day	✓	✓	✓	
79534	2 Mil Matte Chrome PET TC/S8049/50#SCK ABC	Custom Coat/1668	PVL	5 Days	✓	✓	✓	
78385	2 Mil White PET TC/S8001/50#SCK	EXACT™/5000	PVL	1 Day	✓			✓
78401	3 Mil Synthetic Paper/S8001/50#SCK	EXACT™/5000	PVL	1 Day	✓			✓
78387	2 Mil Matte Chrome PET/S8001/50#SCK	EXACT™/5000	NEE	1 Day	✓			✓
79653	2 Mil White PET TC/8049A/EZ Liner	Custom Coat/1000	PVL	4 Days	✓	✓	✓	
79654	2 Mil Brushed Chrome PET TC/8049A/EZ Liner	Custom Coat/1000	PVL	4 Days	✓	✓	✓	
*79732	2 Mil White PET TC/S8029/50# SCK ABC	Single Roll/2500 Stock/1668	PVL	4 Days 1 Day	✓	✓	✓ ✓	
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 Ready Width™ 12/5000	PVL	1 Day				
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 oven
- Trash compactors



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

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

Drum Portfolio

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

Portfolio Characteristics

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

Applications

- Containers
- Drums

All specifications are
BS 5609 section 2 certified.



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

Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time
Print Method: Inkjet				
79348	Fasson® 5 Mil Matte Inkjet DL Kimdura®/S4600/50#SCK BS 5609 Section 3 TMC3400, TMC3500, NeuraLabel 300x, Epson C831, Epson C6000, Epson C6500	EXACT™/2500	PVL	Next Day
79724	Fasson® 3.4 Mil Matte White SYN WBIJ/S4600/50#SCK BS 5609 Section 3 Afinia L501, Primera LX910, TMC3400, TMC3500, Epson C831, Epson C6000, Epson C6500	EXACT™/10000	PTC	Next Day
Print Method: Flexo				
79572	3.7 Mil Smudgeproof Kimdura®/S4600/50#SCK BS 5609 Section 3 Flint no 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	EXACT™/5000	PVL FTW WCT	Next Day
72197	Fasson® 4 Mil TransCode®/S475/50#SCK 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	EXACT™/5000	NEE/ WCT	Next Day
79480	2.6 Mil Synthetic Paper/8020/50#SCK 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	Stock/1000	PVL	Next Day

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

Fire Extinguisher Portfolio

New UL® 299 recognized solutions

Portfolio Characteristics

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

Applications

- Fire extinguishers
- Safety equipment



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

PVL=Painesville, OH WCT=West Coast

HVAC Portfolio

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

Portfolio Characteristics

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

Applications

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



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

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

Lawn and Garden Portfolio

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

Portfolio Characteristics

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

Applications

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



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

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

Medical Device Portfolio

Portfolio Characteristics

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

Applications

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



Durable Label Materials

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

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

Overlaminates Portfolio

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

Portfolio Characteristics

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



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

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

Outdoor Overlaminates Portfolio

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

Portfolio Characteristics

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

Applications

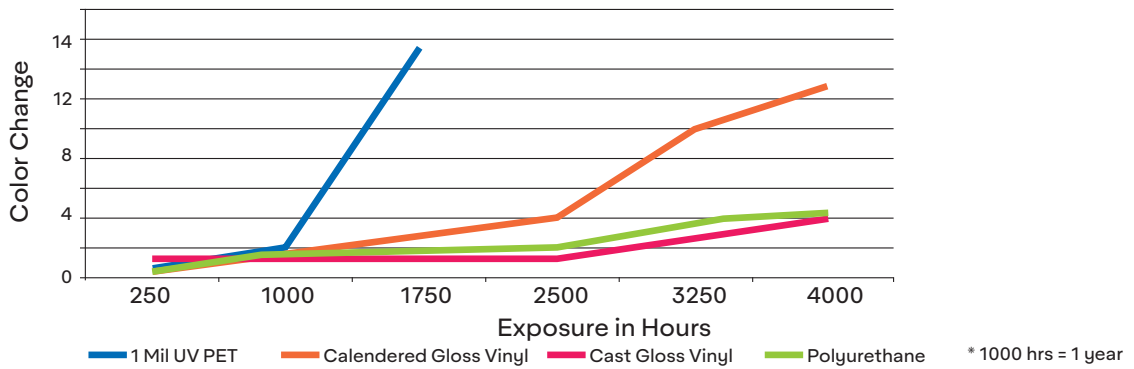
- Harsh environments and tough outdoor exposures to items, such as: heat, cold, rain, snow, chemicals, lubricating oils or gasoline



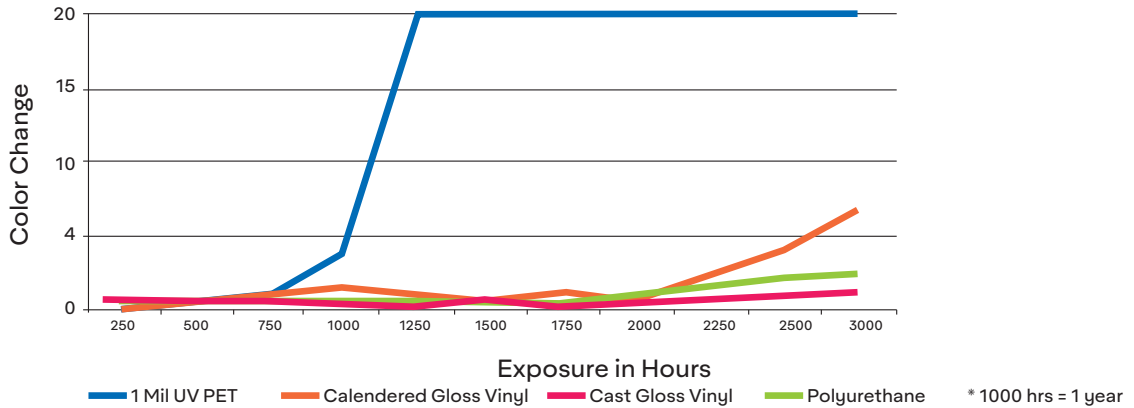
Spec#	Product Description	Width/ Length (In./Ft.)	Location	Lead Time
80051	2 Mil Cast Gloss Vinyl/S659/1.5 Mil PET	Stock 60/300	PVL	Next Day
80052	3 Mil Calendered Gloss Vinyl/S8072P /1.5 Mil PET	Stock 60/300	PVL	Next Day
80053	1.5 Mil Gloss Urethane/S659/1.5 Mil PET	Stock 60/300	PVL	Next Day
80054	3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

PVL=Painesville, OH

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



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



Safety and Warning Labels Portfolio

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

Portfolio Characteristics

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

Applications

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



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

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

Validation Decal Portfolio

Portfolio Characteristics

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

Applications

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



50# SCK Liner

	Non-watermarked		With Official Watermark	
	Spec#	Product Description	Spec#	Product Description
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# Stay-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 Safety and Rotation Portfolio

Dissolvables and Removables identify and safeguard

Portfolio Characteristics

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

Applications

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



Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time
15666	Dissolvable FSC®/S2600/40#SCK	EXACT™/5000	DAL	Next Day
		45/1668	DAL/PVL	
54353	Dispersable FSC®/S2600/40#SCK	54/1668	DAL/PVL	Next Day
		EXACT™/5000	DAL	
79751	Dissolvable Paper FSC®/S2600/69#MF	45/5600	PVL	5 Days
54443	DT Dissolvable FSC®/S2600/40#SCK	45/1668	PVL	Next Day
		EXACT™/10000	PVL	

PVL=Painesville, OH DAL=Dallas, TX

Rapid-Roll® Flexible Packaging Portfolio

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

Portfolio Characteristics

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

Applications

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



Spec#	Product Description	Location	Service Program
54025	ChemControl Ultra	NEE	Stock
79537	ChemControl Premium Ultra	NEE	EXACT™
79340	White StickPak LDPE 280 HB	NEE	EXACT™
78432	White StickPak Metallocene 300 HB	NEE	EXACT™
78831	Silver StickPak Metallocene 300 HB	NEE	Stock
79343	White StickPak Surlyn® 280 HB	WCT	EXACT™
79344	Silver StickPak Surlyn® 280 HB	NEE	Stock
79778	Easy Open WH Cello StickPak Surlyn®	NEE	EXACT™
75758	White Cosmetic Web 350 SB	NEE	EXACT™
75760	Silver Cosmetic Web 350 SB	NEE	EXACT™
79332	White Cosmetic Web 350 HB	NEE	EXACT™
79333	White Cosmetic Web 350 HB	NEE	EXACT™
77553	White Cosmetic Ultra 370 HB	NEE	EXACT™
78857	Ultra Silver Cosmetic Web 370 HB	NEE	Stock
79334	White Cosmetic Ultra+ 530 HB	NEE	EXACT™
79335	Silver Cosmetic Ultra+ 530 HB	NEE	Stock
New B1885	Sustainable WH Cosmetic Web HB	NEE	Stock
79122	White Multi-ply Snack Web 260 SB	NEE	Stock
79123	White Multi-ply Snack Web 260 HB	NEE	Stock
79125	Clear Multi-ply Snack Web 260 HB	NEE	Stock
79426	Metallized Coffee Web 210 HB	NEE	EXACT™
79355	White Metallized Snack Web	NEE	EXACT™
78806	WH Singleply Snack Web 170	NEE	Stock
78111	Clear Singleply Snack Web 160	NEE	Stock
79850	25# PFP 305	NEE	EXACT™
79851	35# PFP 360	WCT	EXACT™
B3866	25# PFP W-SURLYN 360	NEE	EXACT™
75746	25# PPMOPP 260	NEE	EXACT™
75742	35# PPMOPP 330	WCT	Stock
78918	48GA GL PET FLEXPAC OVERLAM	NEE	Custom
79861	48G MATTE PET FLEXPAC OVERLAM	NEE	Custom
79934	Clear Multi-ply SUP 360 HB	NEE	EXACT™
79935	White Multi-ply SUP 360 HB	NEE	EXACT™
79936	Metallized Multi-ply SUP 360 HB	NEE	EXACT™
New B0622	White High Strength SUP 450 HB	NEE	Stock
New B1900	4Mil Clear Recyclable SUP	NEE	Stock

NEE=Neenah, WI WCT=West Coast





Reclosure Portfolio

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

Portfolio Characteristics

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



	<p>Applications: Dry Conditions (dry foods, cookies, crackers) Adhesive: R3400</p>	<ul style="list-style-type: none"> ▸ Easy Peel Back ▸ Low Odor ▸ Meets FDA 175.105 requirements
	<p>Applications: Damp Conditions (deli meats) Adhesive: R3500 R3525 - 25% higher peel than R3500</p>	<ul style="list-style-type: none"> ▸ Economical Alternative ▸ Good Initial Tack ▸ More “grab” than R3400 ▸ Low Odor ▸ Meets FDA 175.105 requirements
	<p>Applications: High Moisture Conditions (wet wipes, cleaning pads, facial wipes) Adhesive: R1490 – Approved for Direct Food Contact FCN 1716 R1450 – 40% lower peel than R1490</p>	<ul style="list-style-type: none"> ▸ Stable, Smooth Peel Back ▸ Low Odor ▸ Excellent Adhesion Rebuild ▸ Broad Substrate Performance
	<p>Applications: Heat Seal Reclosure with High Moisture Conditions (lettuce and other leafy greens) Adhesive: R1350</p>	<ul style="list-style-type: none"> ▸ Stable, Smooth Peel Back ▸ Low Odor ▸ Excellent Adhesion Rebuild

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

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

Rapid-Roll® Shrink Sleeve Portfolio

Portfolio Characteristics

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

Applications

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

*Applies to 80059



Spec#	Product Description	Shrinkage	Service	Location
79765	50 Micron Clear High Shrink PETG	70% and above	EXACT™	DAL, QTN
80059	50 Micron Eklipse™ Shrink PETG	60-70%	EXACT™	DAL
79793*	50 Micron Echo High Shrink Co-Polyester	70% and above	Stock	DAL
79943	45 Micron Clear High Shrink PETG	70% and above	Stock	QTN
79767	50 Micron Clear Medium Shrink PETG	70% and above	Stock	DAL, QTN
79766	50 Micron Clear Med Shrink PETG ITC	60-70%	Stock	NEE
79792	50 Micron Echo Medium Shrink Co-Polyester	70% and above	Stock	DAL
79636	60 Micron PETG OPT Bright	60-70%	Custom	NEE, QTN

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

*Echo shrink is recognized as a recyclable shrink sleeve material meeting or exceeding APR's Critical Guidance Protocol for Clear PET Articles with Labels and Closures requirements.

Intelligent Label Portfolio

Solutions for an intelligent, connected and interactive world

Portfolio Characteristics

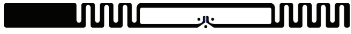



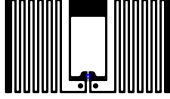




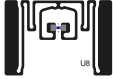


- Field-proven inlay products
- Advanced research and testing capabilities
- Experienced engineering and technical resources
- Partnership with a deep understanding on what makes your application successful

Applications





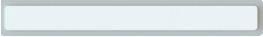




- Healthcare: Medical and pharmaceutical
- Transportation: Automotive and aviation
- Industrial logistics and manufacturing
- Supply chain, inventory and logistics
- Brand protection and product authentication
- Contactless cards and tickets
- Library, media, documents and files
- Item-level retail: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








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

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

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

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

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

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

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.

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=Peachtree City, GA

Fluorescent Portfolio

Fluorescents identify and safeguard

Portfolio Characteristics

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

Applications

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



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

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

Bumper Sticker Portfolio

Durable constructions that get noticed

Portfolio Characteristics

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

Applications

- Automotives and fleet
- Promotional materials



Promotion

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

PVL = Painesville, OH

Select Solutions™ Kiddie Sticker Portfolio

Label constructions that help
put smiles on faces

Portfolio Characteristics

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

Applications

- Books
- Toys and games
- Promotional materials
- Scrapbooking



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

Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time
18392	60# Archival Semi-Gloss/S490/40#LF	EXACT™/10000 78/1668	FTW	Next Day
18559	60# Archival Semi-Gloss/R5195/40#LF	EXACT™/10000 78/1668	FTW FTW	Next Day Next Day
54116	54# Semi-Gloss FSC®/R5195/46#LF	EXACT™/15000 78/1668	NEE	Next Day
79374	2.3 Mil White BOPP TC/S490/69#LF	60/4167	PVL	10 Days
17311	2.3 Mil White BOPP TC/R195/65#LF	60/4167	PVL	10 Days
53623	MaxFlex™ Silver/S490/69#MF	60/10000	PVL	10 Days
53676	MaxFlex™ Silver/R195/69#MF	60/4167	PVL	10 Days

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

Removables Portfolio

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

Portfolio Characteristics

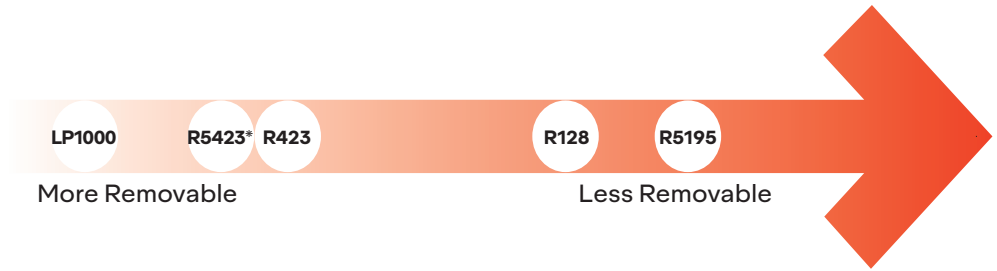
- More than 40 label constructions featuring nine adhesives that include technologies such as microsphere, solvent acrylic, emulsion acrylic and hot melt rubber
- Designed to perform in specific applications on various substrates, such as: plastic, glass, metal and paper

Applications

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



Paper



Removable Adhesives for Paper Components

Select Solutions Ultra Removable

LP1000 Ultra removable adhesive, featuring long-term, clean removability across wide variety of substrates. It offers economical solution for various opportunities. Designed to offer smooth peel and excellent die cutting and stripping characteristics. Particularly suited for applications like: retail information labels, inventory management or work-in-progress, point of sale promotions, newspapers, promotional labels, books, housewares, credit cards or glass.

Removable

**R423/
R5423** Removable, low peel adhesive featuring long-term removability, and excellent die cutting and stripping characteristics. Particularly suited for wallpaper promotional labels, high gloss book covers and shelf marking. R5423 is an excellent solution for Monroney labels.

R128 Removable rubber-based adhesive with high initial tack, internal strength and stable adhesion. R128 is recommended where clean removability is of primary importance. Adhesive can be used on a variety of substrates including glass, metal, plastic and others.

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

Paper

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

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

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

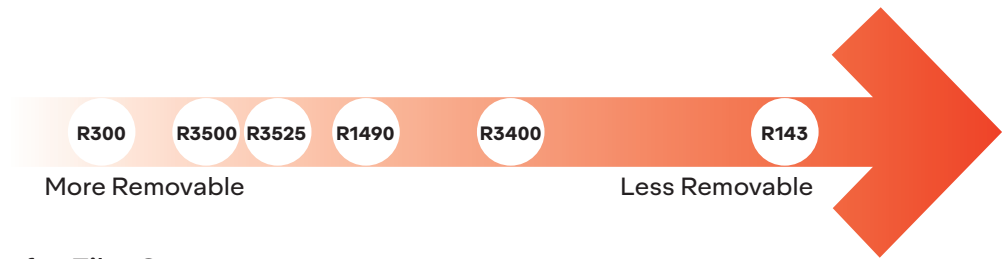
Paper Products and Service Programs

Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time
LP1000				
54148	Fasson® DT 200HD FSC®/LP1000/40#SCK	EXACT™/5000	PVL	Next Day
54149	Fasson® 60# Semi-Gloss /LP1000/40#SCK	EXACT™/5000	PVL	Next Day
B4027	HG+/LP1000/40#SCK	EXACT™/5000	PVL	Next Day
B4029	TT2C/LP1000/40#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

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	FTW, MTL	Next Day
		EXACT™/15000		
18559	Fasson® 60# Archival Semi-Gloss/R5195/40#LF	78/1668 Ready Width™ 13/10000	FTW	Next Day
18685	Fasson® DT200HD Plus/R5195/40#CK	EXACT™/5000/10000	FTW	Next Day
54116	Fasson® 54# Semi-Gloss FSC®/R5195/46#LF	EXACT™/15000	NEE	Next Day

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

Film



Removable Adhesives for Film Components

Select Solutions Ultra Removable

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

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

Film

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

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

Recommended - Test in actual application

Recommended - Tighter adhesion

Not Recommended

Film Products and Service Programs

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

Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time
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
77652	Fasson® 2.3 Mil White BOPP TC/R143/1.2 Mil PET	54/2500	PVL	5 Days
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	60/1668	PVL	Next Day
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



Retail and Shelf

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

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

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

Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time
18559	60# ARCHIVAL SG/R5195/40#LF	78/1668 EXACT™/10000	FTW	Next Day
B3984	2 Mil CL BOPP TC/S4900/40#SCK	EXACT™/5000	PVL	Next Day
79711	TRANSCODE WH/R120/50#BRN	60/4167	PVL	10 Days
75233	TRANSCODE WH/S4600/50#BRN	60/4167	PVL	10 Days
79712	TRANSCODE WH II/R120/50#SCK	54/4630	PVL	10 Days
74087	TRANSCODE WH II/S4900/50#SCK	60/1668	PVL	Next Day
79713	TRANSCODE CL/R120/50#BRN	60/1668	PVL	Next Day
73926	TRANSCODE CL/S4900/50#BRN	60/4167	PVL	10 Days
79150	TRANSCODE CL/S4900/40#SCK	60/4167	PVL	10 Days
74174	TRANSCODE CL II/S4900/50#SCK	60/4167	PVL	10 Days
74106	TRANSCODE CL II/S4900/50#BRN	60/4167	PVL	10 Days
79578	TRANSCODE PLUS WH/AT20/50#BRN	60/4167	PVL	10 Days
79576	TRANSCODE PLUS WH/S692n/50#BRN	60/4167	PVL	10 Days
75617	TRANSCODE PLUS WH/S4900/50#BRN	EXACT™/7500 60/1668	PVL	Next Day
79577	TRANSCODE PLUS CLEAR/AT20/50#BRN	60/4167	PVL	10 Days
79575	TRANSCODE PLUS CLEAR/S692n/50#BRN	60/10000	PVL	10 Days
75616	TRANSCODE PLUS CLEAR/S4900/50#BRN	EXACT™/7500 60/1668	PVL	Next Day

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

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



	Spec#	Product Description	Width/Length (In./Ft)	Location	Lead Time
Holographic Films	78971	2 Mil CRYSTALS PET/S692N/50#	39/4167	PVL	9 Days
	78973	2 Mil SPARKLES PET/S692N/50#	39/4167	PVL	9 Days
	78976	2 Mil POWDER PET/S692N/50#	39/4167	PVL	9 Days
	79016	2 Mil RAINBOW OPP/S692N/40#SCK	EXACT™t/5000	PVL	Next Day
	79383	2 Mil RAINBOW OPP/S692N/1.2M	54/4630	PVL	10 Days
	79072	2 Mil Crystal OPP/S692n/40#BG	54/4167	PVL	10 Days
	79579	2 Mil RAINPETSMLS/S692N/50#	30/4167	PVL	10 Days
Holographic Papers	02391	FASPRISM IRIDESC/S246/40#SCK	EXACT™/5000	PTC	Next Day
	19866	FASPRISM IRID/AT20/44#PK	60/4167	PVL	10 Days
	54213	FASPRISM IRID/S246/1.2M	30/1668	PTC	10 Days
	10938	FASPRISM ICE/S246/40#SCK	30/1668	PTC	10 Days
	12071	FASPRISM GLITTER+ II/S246/40#SCK	30/1668	PTC	10 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 EXACT™/5000	FTW WCT FTW	Next Day
15485	Fasson® 60# Semi-Gloss Elite™/S2501/40#SCK/ S2501/40#SCK	78/1668 Ready Width™ 6/5000 Ready Width™ 9.75/5000 Ready Width™ 13/5000	FTW FTW FTW FTW	Next Day
14814	Fasson® Trans-Therm® 1C/S246/40#SCK/S246/40#SCK	60/1668	WCT	Next Day
05252	Fasson® Trans-Therm® 1C /AT20/40#SCK/AT20/40#SCK	60/2500	PVL	5 Days
15484	Fasson® 60# Semi-Gloss Elite™/S2501/40#SCK/ S2501/50#SCK	78/1668 Ready Width™ 6.5/5000	FTW FTW	Next Day
15219	Fasson® Direct-Therm 300HD/AT20/40#SCK/40#SCK	60/4167	PVL	5 Days

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

Select Solutions™ Transfer Tape Portfolio

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

Portfolio Characteristics

- Multiple liner and adhesive choices to create custom transfer tapes.
- 1/8" of ungummed area along each edge of the slit roll facilitates easy handling and dispensing.
- Custom pattern gum designs are required for new slit roll widths.

Applications

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



Transfer Tape

Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time
19052	FF 40#SCK/AT20/40#SCK	60/4167	PVL	5 Days
19188	FF 40#SCK/S490/40#SCK	60/1668	PVL	Next Day
98819	FF 40#SCK/S246/40#SCK	60/1668	PTC	4 Days
19511	FF 40#SCK/S246/50#SCK	60/1668	PTC	4 Days

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

Wine and Spirits Portfolio

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

Portfolio Characteristics

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

Applications

- Wine
- Spirits



Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time
Uncoated Papers				
19993	Fasson® 60# Uncoated Litho Wet-Strength FSC® /AT20N/1.2 Mil PET	EXACT™ 60/10000	FTW, WCT	Next Day
19995	Fasson® 60# Uncoated Litho Wet-Strength FSC® /S100R/1.2 Mil PET	EXACT™ 60/10000	WCT	Next Day
19639	Fasson® 60# Estate Label® No. 4 Wet-Strength FSC®/S100R/1.2 Mil PET	60/1668	FTW, SEA	Next Day
		EXACT™ 60/5000	SEA	
19651	Fasson® 60# Estate Label® No. 4 Wet-Strength FSC®/AT20N/1.2 Mil PET	60/1668	WCT	Next Day
		60/1668	FTW	15 Days
54142	Fasson® 60# Estate Label® No. 4 Wet-Strength FSC®/Z1010/1.2 Mil PET	EXACT™ 60/5000	PVL	Next Day
01533	Fasson® 60# Estate Label® No. 4 Wet-Strength FSC®/S100R/44#PK	EXACT™ 60/5000	WCT, FTW	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	WCT	Next Day
		60/1668	FTW	Next Day
53339	Fasson® 80# Estate Label® No. 8 Wet-Strength FSC®/S100R/1.2 Mil PET	60/1668	WCT	Next Day
54141	Fasson® 60# Estate Label® No. 8 Wet-Strength FSC®/Z1010/1.2 Mil PET	EXACT™ 60/5000	PVL	Next Day
53749	Fasson® 60# Estate Label® No. 9 Wet-Strength FSC®/S100R/1.2 Mil PET	EXACT™ 60/5000	SEA	Next Day
		EXACT™ 60/1668	SEA	Next Day
11301	Fasson® 60# Estate Label® No. 9 Wet-Strength FSC®/S100R/44#PK	EXACT™ 60/5000	FTW, WCT	Next Day
54186	Fasson® 60# Estate Label® No. 14 FSC® 100% PCW/AT20N/1.2 Mil PET	60/1668	FTW	Next Day
53957	Fasson® 60# Estate Label® No. 17 Martele Wet-Strength FSC®/S100R/1.2 Mil PET	60/1668	FTW	Next Day
53112	Fasson® 70# Bright White Felt Wet-Strength FSC®/S100RB/1.2 Mil PET	60/1668	FTW	Next Day
		EXACT™ 60/5000	WCT/FTW	
		EXACT™ 60/10000	WCT	
		10/5000, 12/5000	FTW	

Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time
Uncoated Papers				
12571	Fasson® 60# Classic® Linen Solar White Wet-Strength FSC®/S100R/44#PK	EXACT™ 60/5000	WCT	Next Day
		60/1668	WCT	Next Day
12623	Fasson® 60# Classic® Crest® Wet-Strength FSC®/S100R/44#PK	EXACT™ 60/5000	SEA, WCT	Next Day
19633	Fasson® 60# Classic® Linen Solar White Wet-Strength FSC®/S100R/1.2 Mil PET	EXACT™ 60/10000	WCT	Next Day
12649	Fasson® 60# Classic® Laid Solar White Wet-Strength FSC®/S100R/44#PK	EXACT™ 60/5000	WCT	Next Day
19657	Fasson® 60# Classic® Crest® Solar White Wet-Strength FSC®/S100R/1.2 Mil PET	60/1668	FTW	Next Day
		EXACT™ 60/5000	WCT	Next Day
18513	Fasson® 60# Classic® Crest® Solar White Wet-Strength FSC®/AT20N/44#PK	60/1668	FTW	Next Day
19648	Fasson® 60# Classic® Crest® Solar White Wet-Strength FSC®/AT20N/1.2 Mil PET	EXACT™ 60/5000	WCT	Next Day
		EXACT™ 60/10000	WCT	Next Day
54078	Fasson® 70# Classic® Crest® Solar White Wet-Strength FSC®/S100RB/1.2 Mil PET	60/1668	WCT	1 Day
15744	Fasson® 60# Classic® Crest® Natural White Wet-Strength FSC®/S100R/44#PK	60/4167	PVL	10 Days
17499	Fasson® 60# Classic® Crest® Natural White Wet-Strength FSC®/S100R/44#PK	60/1668	WCT	Next Day
		EXACT™ 60/5000	WCT	Next Day
53963	Fasson® 70# Classic® Felt Natural White Wet-Strength FSC®/S100RB/1.2 Mil PET	60/1668	WCT	Next Day
54160	Fasson® 60# Classic® Felt Natural White Wet-Strength FSC®/S100R/44#PK	EXACT™ 60/5000	WCT	Next Day
54167	Fasson® 60# Classic® Felt Natural White Wet-Strength FSC®/S100R/1.2 Mil PET	60/1668	WCT	Next Day
54171	Fasson® 60# Classic® Felt Natural White Wet-Strength FSC®/AT20N/1.2 Mil PET	60/1668	FTW, WCT	Next Day
19203	Fasson® 70# Eggshell Felt Wet-Strength FSC®/S100RB/44#PK	EXACT™ 60/5000	SEA, FTW, WCT	Next Day
19742	Fasson® 70# Eggshell Felt Wet-Strength FSC® /S100RB/1.2 Mil PET	EXACT™ 60/10000	WCT	Next Day
		EXACT™ 60/5000	WCT	Next Day
19917	Fasson® 70# Bright White Felt Wet-Strength FSC®/S100RB/44#PK	EXACT™ 60/5000	SEA, FTW, WCT	Next Day
54143	Fasson® 70# Bright White Felt Wet-Strength FSC®/Z1010/1.2 Mil PET	EXACT™ 60/5000	PVL	Next Day
54189	Fasson® 60# Crush 15% Grape 40% PCW Wet-Strength FSC®/AT20N/1.2 Mil PET	60/10000	FTW	5 Days
54481	60# Fasson® Crush 15% Barley 40% PCW Wet-Strength FSC®/AT20/1.2 Mil PET	60/1668	FTW	Next Day

Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time
Uncoated Papers				
54480	60# Fasson® Crush 15% Citrus 40% PCW Wet-Strength FSC® /AT20/1.2 Mil PET	60/1668	FTW	Next Day
54474	60# Fasson® 25% Hemp 75% PCW/AT20/40#SCK	60/1668	FTW	Next Day
53248	Fasson® 60# Luna Wet-Strength FSC®/S100R/1.2 Mil PET	60/1668	FTW	Next Day
53243	Fasson® 70# Royal White Wet-Strength FSC®/S100RB/1.2 Mil PET	60/1668	FTW	Next Day
53964	Fasson® 74# Global White Wet-Strength FSC®/S100RB/1.2 Mil PET	39/1668	PVL	Next Day
Black Collection				
54305	Fasson® Black Velvet/S100RB/1.2 Mil PET	39/1668	PVL	Next Day
16256	Fasson® 60# Black Vellum/S100R/44#PK	30/4200	PVL	5 Days
53660	Fasson® 60# Black Vellum/S100R/1.2 Mil PET	30/1668	PVL	Next Day
53949	Fasson® 70# Classic® Laid Epic Black FSC®/S100RB/1.2 Mil PET	30/1668	PVL	Next Day
53962	Fasson® 60# Estate Label® No. 25 Black Wet-Strength FSC®/S100R/1.2 Mil PET	EXACT™ 60/5000	FTW	5 Days
54304	Fasson® 74# Night Skye Black Wet-Strength FSC®/S100RB/1.2 Mil PET	60/1668	FTW	5 Days
54479	Fasson® 25% Black Cotton Feel Wet-Strength/ S100RB/1.2 Mil PET	78/1668 13/5000	FTW	Next Day
Luminous Collection				
53663	Fasson® 67# Brushed Platinum Wet-Strength/AT20N/1.2 Mil PET	30/1668	WCT	Next Day
53301	Fasson® 60# Frozen Orion Diamond Wet-Strength FSC®/AT20/1.2 Mil PET	30/1668	PVL	Next Day
19923	Fasson® 60# Frozen Orion Diamond Wet-Strength FSC®/AT20/44#PK	30/1668	PVL	7 Days
54304	Fasson® 74# Night Skye Black Wet-Strength FSC®/S100RB/1.2 Mil PET	60/10000	FTW	5 Days
54303	Fasson® 74# Snowbound White Wet-Strength FSC®/S100RB/1.2 Mil PET	60/10000	FTW	5 Days
53328	Fasson® 64# Sparkling Asti Wet-Strength FSC®/Z3338/1.2 Mil PET	60/1668	WCT	Next Day
53246	Fasson® 64# White Pearl Wet-Strength FSC®/S100R/1.2 Mil PET	60/1668	FTW	Next Day
16482	Fasson® 60# White Shursheen/S100R/44#PK	60/1668	FTW	Next Day

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

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

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

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

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

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

EXACT,™ ReadyWidth,™ and Custom Service Programs available



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