

# Rapid-Roll® Catalog

More Products.  
More Solutions.  
More Opportunities.



Avery Dennison strives to be your trusted advisor, providing excellent service, convenience, and support for growth beyond your pressure-sensitive needs. In addition to our vast offering of pressure-sensitive materials, we offer a wide variety of non-adhesive paper, film, flexible packaging, and shrink sleeves through Rapid-Roll®. We help you manage your inventory, reduce complexity, ensure continuity of supply and avoid carrying costs by providing low volumes of materials available for small, quick production runs. Rapid-Roll® enables low-risk entry to new markets and takes service to the next level.

We've got it, when you need it. More products - over 350 non-pressure sensitive stock materials in the lowest quantities available. More solutions - helps you meet more of your customer's needs. More opportunities for you to grow your business.



Over 350  
stock products



Slit-and-ship  
press-ready rolls

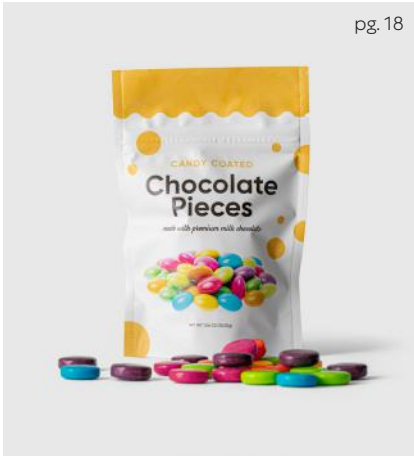


Same-day or next-day  
shipping for 90% of orders



Short run, low MOQs  
(as low as one 5' slit roll x 5,000 ft)

pg. 18



pg. 24



Discover how you can grow your business beyond pressure-sensitive with products from our Rapid-Roll® portfolio.



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## Sustainability

Avery Dennison is committed to reaching our sustainability goals by the year 2030. Our 2030 sustainability goals complement and live alongside our 2025 sustainability goals. Our 2030 sustainability goals were developed based on careful analysis of what is most important for our business and stakeholders, covering the areas where we can, and should, make the greatest difference. Striving to meet our new goals will be the greatest test yet of our capacity to innovate and an invaluable opportunity to position our business for lasting success.

Our 2030 sustainability goals align with seven of the United Nations Sustainable Development Goals (SDGs). A framework adopted by 193 countries, the SDGs have become a common standard for governments, the private sector and civil society to track progress toward sustainability.

### **Deliver innovations that advance the circular economy**

- 100% of Core Film and Paper Product Categories will contain recycled or renewable content. All of our regions will have labels that enable circularity of plastics.
- Continued investment and industry collaboration to provide the industry with recycling outlets globally.
- Expand the adoption of Intelligent Labeling to enable our industries to communicate data, reducing costs and waste, and creating smarter recycling processes.

### **Reduce our environmental impact in our operations and supply chain**

- Reduce our Scope 1 and 2 GHG emissions by 70% from our 2015 baseline and work with our supply chain to reduce our 2018 baseline Scope 3 GHG emissions by 30% - with an ambition of net zero by 2050.
- Source 100% of paper fiber from certified sources focused on a deforestation-free future.
- Divert 95% of our waste away from landfills, with a minimum of 80% of our waste recycled and the remainder either reused, composted, or sent to energy recovery
- Deliver a 15% increase in water efficiency at our sites that are located in high or extremely high risk countries as identified in the WRI Aqueduct Tool.
- Engage 80% of our spend of LGM's direct suppliers on their environmental and social policies including water, human rights, fair business, forestry, etc.

### **Make a positive impact by enhancing the livelihoods of our employees and communities**

- Foster an engaged team and an inclusive workplace.
- Drive employee participation in ADF grants and foster the well-being of the communities in which we and our supply chain operate.

We at Avery Dennison hold ourselves to a high standard in our approach to sustainability. Our Sustainable ADvantage™ Portfolio includes products that use less material, are made from recycled content, enable recycling, or are responsibly sourced or provide further methods of improving environmental impact. This portfolio of products and solutions was designed to enable our customers to use fewer natural resources, cut carbon emissions, reduce waste and build towards a low-carbon, circular economy.

We are proud to work with supplier partners who have the same standards and like-minded approach to sourcing sustainable materials. These partners have chosen their own criteria for sustainability which they validate their products against. We are excited to include these materials as a part of our Rapid-Roll® portfolio.

To learn more about Sustainable ADvantage™, visit [label.averydennison.com/sustainability](https://label.averydennison.com/sustainability)

 = Sustainable ADvantage™ Portfolio

# Flexible Packaging





MATERIALS **Ranch Packet** → B4986 | 25# PFPF FSC® W/SURLYN  
**Snack Mix** → 79934 | Clear Multi-ply SUP 360 HB EXACT™

# Why Choose Flexible Packaging

Are your business goals aligned with the flexible packaging trend? They should be.

The acceleration of eCommerce and increased use of single-serve and stand-up pouches in recent years has had a direct, positive effect on the growth of the flexible packaging market. Today, the format accounts for 19% of the \$170 billion US packaging industry. Globally, flexible packaging is expected to grow at a 4.6% CAGR from 2021 through 2025, according to Research and Markets. Meanwhile, 50% of packaging industry insiders polled in the Flexible Packaging Association's (FPA) recent "Pulse of the Industry" survey say they expect higher levels of flexible packaging use in the future.



### Flexible packaging meets consumers' needs

It's easy to understand why the industry expects this growth. Simply put, flexible packaging checks many of the boxes related to consumer needs and behaviors.

In a time of heightened awareness of food and product safety, flexible packaging is viewed as a safer way to package and ship items. According to the FPA, the format can help increase the shelf life of food, giving consumers greater confidence in the products they buy.

It's also a sustainable format. Flexible packaging uses fewer natural resources, less energy in manufacturing, and emits less greenhouse gas compared to other packaging formats, according to the FPA. Its lighter weight and higher product-to-package ratio save money and cut greenhouse emissions related to shipping. Flexible packaging structures can also include PCR and/or bio-based resins, contributing to the circular economy. The industry continues to move towards supporting many sustainable options, and the means to process post flexible packaging products.

### Moving the needle on recyclability

The latest generation of flexible packaging products also includes a growing number of recyclable options, including those certified for How2Recycle labeling. Work is being done, meanwhile, to ensure the recycling infrastructure will allow the processing of these materials. Part of this effort involves consumer education and the removal of the barriers that prevent the recycling of eligible film products.

### Highlights of the Avery Dennison Rapid-Roll flexible packaging portfolio

This updated edition of our Rapid-Roll® Catalog includes our most innovative and sustainable flexible packaging solutions yet.

- Our updated cosmetic web offering provides improved sealing, enhanced barrier performance, and a wider temperature range for form/fill/seal. It's available with standard and high-barrier films.
- We've increased our use of films with 90% PCR content. Recent innovation ensures this recycled material provides both high levels of barrier performance and an excellent print surface for greater shelf appeal.
- We're also using more FSC paper in our paper flexible packaging offerings. Paper is ideal for applications such as dry goods, seasonings, spices, and some condiments.

This is a great time to align your business with the flexible packaging trend, and you can count on the Avery Dennison Rapid-Roll® catalog for solutions driven by current and future consumer needs. We're committed to bringing you products that offer high performance, great visual appeal, and cutting-edge sustainability, all at a competitive price point.





## Flexible Packaging

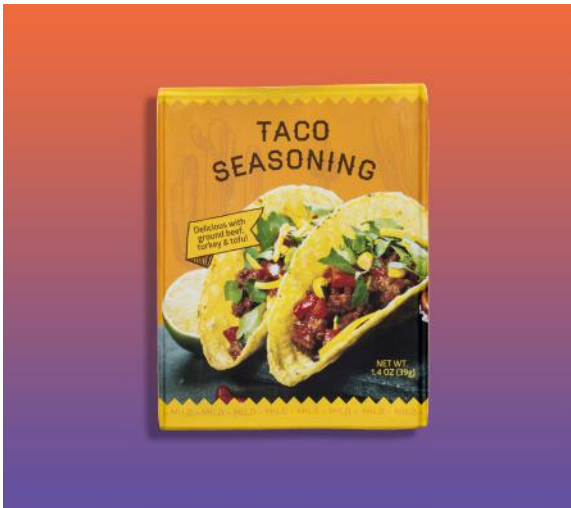
The Rapid-Roll® FlexPak™ Portfolio provides packaging solutions for on-the-go convenience and single-use portions. The portfolio features both film-faced and paper-faced pouch materials in single and multi-ply lamination combinations. All constructions feature high-impact graphic capability for maximum branding and shelf appeal.

### Portfolio Characteristics

- Rapid-Roll® FlexPak™ Portfolio features both film-faced and paper-faced pouch materials
- High-barrier sealant films keep contents safe inside
- Select from single-ply or multi-ply lamination combinations to best fit your needs
- New Stand Up Pouch laminations featuring 3 mil sealant films and PET facestocks
- Great for direct form, fill and seal, as well as pre-made pouches
- Converting and co-packer education and testing available
- High-impact graphic capability for maximum branding and shelf appeal

### Applications

- Food & beverage
- Health & beauty
- Nutraceutical
- Industrial



## Paper Laminations

Paper flexible packaging laminations offer excellent stiffness for dry goods like condiments and other dry mixes. The dead fold characteristics of foil and paper give these structures optimal performance for shelf distribution. The same surface printing method can be used on all paper laminations for narrow web opportunities, allowing for growth in this arena. Paper is also the closest flexible packaging offering to all wide web production.

### Features & Benefits

- Stiffness
- Versatility of print method
- Excellent dead fold

### Applications

- Dry Goods
- Spices
- Seasonings
- Condiments

| Spec#   | Product Description    |
|---------|------------------------|
| ④ C0650 | 25# FSC® PPFP          |
| ④ C0651 | 35# FSC® PPFP          |
| ④ B4986 | 25# PPFP FSC® W/SURLYN |
| 75746   | 25# PPMOPP 260         |
| 75742   | 35# PPMOPP 330         |
| 79026   | 35# C1S/14#LDPE 320    |

④ = Sustainable ADvantage™ Portfolio



## Cosmetic and Snack Web

The Cosmetic and Snack Web portfolio offers improved sealing, better barrier performance and a wider seal temperature range for form, fill and seal equipment, giving converters and packaging engineers more ways to meet growing flexible packaging demand. Our expanded portfolio gives you a range of choices for better targeted solutions. The Cosmetic and Snack Web line makes film flexible packaging more versatile - and sellable - than ever.

### Cosmetic Web SB/HB

#### Features & Benefits

- Ready to print
- Good hot tack
- High seal strength
- Low seal initiation temperature with a broad seal range of 204°F to 425°F
- Versatile for a range of applications

#### Applications

- Shampoos and conditioners
- Laundry soaps
- Wipes
- General-purpose gels
- Lotions
- Single-use food packaging

### Cosmetic Web Ultra

#### Features & Benefits

- Enhanced performance properties for better chemical resistance
- Prevents internal packaging delamination while in use
- LLDPE sealant

#### Applications

- Fragrances or additives such as SPF in lotions and gels
- Single-use food packaging

### Cosmetic Web Ultra Plus

#### Features & Benefits

- Offers excellent chemical resistance
- 3 Mil Metallocene sealant film provides broad seal range
- Seal through contamination properties
- Premium heavy sealant provides superior seal strength
- Resistant to internal delamination while in use

#### Applications

- Mailer and insert applications
- Some industrial applications
- Applications requiring longer shelf life



**Cosmetic Web makes  
film flexible packaging  
more versatile - and  
sellable - than ever.**

| Spec#   | Product Description                |
|---------|------------------------------------|
| 75758   | WHITE COSMETIC WEB 350 SB          |
| 79332   | WHITE COSMETIC WEB 350 HB          |
| 79333   | SILVER COSMETIC WEB 350 HB         |
| 79335   | SILVER COSMETIC ULTRA+ 530 HB      |
| 77553   | WHITE COSMETIC ULTRA 370 HB        |
| 78857   | SILVER COSMETIC WEB ULTRA 370 HB   |
| 79334   | WHITE COSMETIC ULTRA+ 530 HB       |
| 79354   | SILVER METALLIZED SNACK WEB 240 HB |
| 79122   | WH MULTIPLY SNACK 260 SB           |
| 79123   | WH MULTIPLY SNACK 260 HB           |
| 79125   | CL MULTIPLY SNACK 260 HB           |
| 79426   | METALLIZED COFFEE WEB 210 HB       |
| 79355   | WHITE METALLIZED SNACK WEB         |
| 78806   | WH SINGLEPLY SNACK WEB 170         |
| Ⓢ B1885 | SUSTAINABLE WH COSMETIC WEB HB     |

Ⓢ = Sustainable ADvantage™ Portfolio



## ChemControl

The ChemControl portfolio offers solutions to the challenge of hard-to-hold contents faced by narrow web converters. The Ultra and Premium Ultra constructions have high barrier and chemical resistance while supporting ease of process and lower total applied cost. Both ChemControl Ultra and Premium Ultra have undergone stringent lab testing to verify their ability to contain hard-to-hold applications that use volatile ingredients.

### Features & Benefits

- Resistant to permeation, absorption, and attack by traditionally aggressive ingredients
- Barrier to oxygen, moisture, nitrogen and carbon dioxide
- FDA compliant for direct food contact

### Applications

- Industrial cleaners
- Automotive additives
- Essential oils
- Personal care
- Cosmetics

| Spec# | Product Description       |
|-------|---------------------------|
| 54025 | ChemControl Ultra         |
| 79537 | ChemControl Premium Ultra |



## StickPak™

The StickPak™ portfolio offers a range of products with the capability to handle a wide variety of applications. Versatility with notched and easy-open versions are making stick packs even easier to grasp, open, squeeze and dispense. Stick packages are “upscale” and allow for brand expansion into single-use and bundle packaging, as well as short runs, regional products and versioning. Conformable products with higher barrier capabilities provide better product protection from factors such as moisture and oxygen.

### Features & Benefits

- Conformability for vertical form, fill and seal
- Puncture resistance
- High gloss finish for excellent graphic representation
- Excellent light, chemical and odor resistance
- Easy open\*

\*Only applies to B3891 ☺

### Applications

#### Food and Beverage

- Breakfast drinks
- Coffee and tea
- Condiments
- Confectionary

#### OTC/Nutraceuticals

- Uni-dose packaging
- Gels and powders
- Drink mix supplements
- Protein powders

#### Personal Care

- Samples for travel cosmetics
- Toiletries



Versatility with notched and easy-open versions are making stick packs even easier to grasp.

| Spec#   | Product Description                      |
|---------|------------------------------------------|
| 79340   | White StickPak LDPE 280 HB               |
| 78432   | White StickPak Metallocene 300 HB        |
| 79343   | White StickPak Surlyn® 280 HB            |
| 79344   | Silver StickPak Surlyn® 280 HB           |
| Ⓢ B9543 | White 86g Cello StickPak Surlyn® 300 HB+ |

Ⓢ = Sustainable ADvantage™ Portfolio



# Stand Up Pouch

Stand up pouch allows for tremendous versatility, functionality and variability of shape. All offerings are zipper, fitment and spout-friendly laminations. With 360 degrees of billboard space for branding, stand up pouches take up less space on the shelf while maintaining outstanding shelf appeal. These lightweight laminations are ideal for on-the-go consumers, providing convenience and ease of use. This portfolio features white and clear polyester facestocks designed specifically for high-end graphics via flexo printing, and accept most coatings used in alternative print methods. All three product offerings provide laminations with superb oxygen barrier, additional moisture barrier, excellent puncture resistance, hot tack and seal initiation temperature, resulting in higher filler throughput and good machinability.



**Features & Benefits**

- Unique format to maximize shelf appeal
- Superior puncture-resistance ensures product integrity
- Zipper, fitment and spout-friendly structures
- Surface printable, designed for pouching equipment
- Excellent hot tack and low seal initiation temperatures improve throughput
- Pre-made pouch or form, fill & seal ready

**Applications**

- Food**
  - Coffee
  - Dry goods
  - Snacks
  - Baking mixes
  - Instant meals
- Personal Care**
  - Cosmetics
  - Soap refills
- Nutraceuticals**
  - Single-use
  - Multi-packs
  - Vitamins
  - Liquid refills
- Pet**
  - Treats
  - Boutique toys and food

| Spec# | Product Description               |
|-------|-----------------------------------|
| 79934 | Clear Multi-ply SUP 360 HB EXACT™ |
| 79935 | White Multi-ply SUP 360 HB EXACT™ |

# Heat Shrink Sleeve





MATERIALS **Helles Lager** → 79765 | 50 Micron Clear High Shrink PETG

# Diversify Your Business with Shrink Sleeve

**Shrink sleeves are booming, and our portfolio can help you grow your business**

Shrink sleeves offer brands and consumers multiple benefits, so it's no wonder why their use is booming across numerous applications. Learn more about the technology behind this packaging format, and how you can leverage our Shrink Sleeve portfolio to diversify your offerings and grow your business.

## **Shrink sleeves are booming**

If you've walked through a grocery store lately, chances are you've crossed paths with shrink sleeves. They're an important, and growing, trend in packaging for a variety of consumer products.

Shrink sleeve technology is actually nothing new, dating at least to the 1960s. According to a LabelExpo 2018 presentation by Mike Fairley of Label Academy, it was developed in Japan to help ensure tamper resistance as sake started to be bottled rather than sold in wooden barrels. "Kanpai!"

The technology made it to the U.S. in the mid-1980s. In the last decade or so — as packaging design has evolved to suit the needs of premium foods and beverages, and brands have put a new emphasis on creating shelf appeal — the format has really boomed. Shrink sleeve labelling is now predicted to grow at a 5% CAGR through 2025, according to consulting firm Alexander Watson Associates.

## **How does shrink sleeve technology work?**

Shrink sleeves are created with a heat-sensitive plastic (all of Avery Dennison's shrink sleeves use copolymer plastic). The plastic is first formed as a tube, which is then cut at specified lengths to form sleeves. Each sleeve, in turn, is placed over a bottle, can, or other container. The container is then sent through a tunnel where the shrink sleeve is exposed to heat via steam or an electric heating element. The heat causes the plastic to shrink to the precise contours of the container.

Pre-printed artwork — which can be applied either by narrow web flexographic or digital processes — is specially manipulated by purpose-built design so imagery is not warped. In fact, the shrink process makes the imagery perfectly proportioned to the container shape.

### Benefits for brands and consumers

As brands look for new ways to create shelf appeal and design packaging with greater functionality, shrink sleeves offer a variety of very attractive benefits.

- **360-degree coverage:** Going beyond the capabilities of a pressure sensitive label, shrink sleeves completely encapsulate the bottle. This gives packaging designers an even broader “billboard” for eye-catching artwork, brand storytelling, and product information.
- **Complex shapes:** Shrink sleeves can easily conform to even the most complex shapes, including curves, cutouts, bottle caps, and even the grip portion of a trigger spray bottle.
- **Freshness:** Our Pentalabel® eklipse™ opaque shrink sleeve technology transmits less than 1% of light. This helps protect sensitive contents, such as dairy products, to build buyer confidence.
- **Added versatility:** Applying artwork to a container via shrink sleeves can produce the same effect as screen printing. This means that brands can easily change out that artwork. Instead of tying up a lot of capital with pre-printed containers, they can stock a generic container and adjust their shrink sleeve artwork to suit various changes. This is ideal for brands that offer seasonal and limited release items. Additionally, our Pentalabel® eklipse™ opaque offering is useful for those occasional cover-up needs, such as hiding an incorrect barcode printed directly on a batch of containers.
- **Tamper evidence:** Echoing their roots in Japan, shrink sleeves offer a way for brands to add tamper-evidence functionality to a container. This stands to be increasingly important in the era following the pandemic, as shoppers have developed an intensified interest in the safety and purity of their foods.

### You don't need to look very hard to find shrink sleeves

Where can you find shrink-sleeves? Well, let's head back to the grocery store.

Take a walk through the dairy and juice aisles, and you'll see shrink sleeves wrapped around ready-to-drink plastic bottles (milk, juices, soda, drinkable yogurts, protein shakes), and coffee creamers.

Venture into the beer cooler and you're likely to see some of the premium and craft brands using shrink sleeves on aluminum cans. Now, turn the corner on the household items aisle, and you'll see shrink sleeves on spray bottles of glass and surface cleaner.

Finally, poke around the pharmacy, and you'll see shrink sleeves on bottles of vitamins/dietary supplements, nutraceuticals, and more. Shrink sleeves are an increasingly popular choice for the growing health and wellness segment, where labels need a lot of space for nutritional claims and dietary benefits, plus regulatory and ingredient information.

It bears repeating: Anywhere there's a brand looking to stand out and deliver even greater packaging functionality, you'll see shrink sleeves.

### Emerging and future trends

A key trend for shrink sleeves, as with any type of plastic packaging, is sustainability.

For most of their history, shrink sleeves were not recyclable in standard recycling processes — even if the bottles they encapsulated were. That meant conscientious consumers had to peel shrink sleeves off their bottles, recycle the bottles, and throw out the sleeves.

This is finally changing. New shrink sleeve films made with crystallizable polyester are designed to be left on bottles, and can be ground up along with the recyclable PET. Avery Dennison's portfolio currently contains the Echo shrink crystallizable polyester option in two constructions. It's recognized as meeting the APR's Critical Guidance Protocol for Clear PET Articles with Labels and Closures requirements.

Further enhancing the format's overall sustainability, development work is underway for shrink sleeves made with 15% to 30% post-consumer waste content. While not yet available from any supplier, we anticipate one day including this technology in our portfolio.

### An opportunity to diversify your offering, a partner in Avery Dennison

Are shrink sleeves currently on your company's list of capabilities? If not, they're something you might want to consider. Brands and consumers alike are attracted by the format's many benefits, and innovations in sustainability will help ensure that shrink sleeves remain relevant.

The great news is that Avery Dennison is a partner who can help you diversify your business with shrink sleeves. Our Rapid-Roll® Shrink Sleeve portfolio contains multiple product options, all backed by our best-in-class service programs.

## Heat Shrink Sleeve

The Avery Dennison Rapid-Roll® Shrink Sleeve Film Portfolio consists of a variety of heat shrink films printable via UV & WB Flexo and UV offset with an ITC coated option available. Shrink Sleeve materials are available to suit almost any shape of container and to cope with different shrink techniques used to apply the label. Top to bottom, 360° decoration showcases colorful designs on curvy shapes, a popular choice for brand owners who want greater shelf appeal.







### Features & Benefits

- 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 for Digital
- Durable performance with excellent scuff resistance and printing surface
- Offers tamper evident security
- Offers the real estate to use high-impact graphics to create a 360 degree billboard for your brand on the packaging

### Applications

- Alcoholic and non-alcoholic beverage
- Food
- Household chemicals
- Personal care
- Nutraceuticals
- Health and beauty
- Bundling
- Tamper evident bands



| Spec#                                                                                     | Product Description              |
|-------------------------------------------------------------------------------------------|----------------------------------|
| 79765                                                                                     | 50 Micron Clear High Shrink PETG |
|  79943 | 45 Micron Clear High Shrink PETG |
|  C0274 | 45 Micron Recyclable Shrink      |



## Eklipse™

Eklipse™ shrink film offers superior brightness and whiteness, high performance shrink percentages to enable design freedom, and the opportunity to lower costs by eliminating high-barrier/multi-layer primary containers. Eklipse™ light-blocking technology provides a cost-effective, process-efficient functional solution without sacrificing high-impact shelf appeal in the fast-growing ready-to-drink beverage category where consumers are seeking indulgence, health benefits and great taste. As consumers continue to drive demand for functional packaging, Eklipse™ provides consumers confidence in product freshness, protection and brands alternatives in sustainable packaging solutions.

### Features & Benefits

- Extended shelf life for more sustainable consumption
- Vitamin protection and off-taste reduction (dairy products)
- Color protection
- Replaces HDPE multi-layer primary containers
- Eliminates the need for two-sided printing
- No flood coat printing required
- Allows for use of recyclable clear PET containers
- Brightest white opaque film technology available
- Light-blocking with transmission rates of <1%
- High shrink properties for versatile 360° coverage

### Applications

#### Dairy

- Milk (flavored, unflavored)
- Protein milks & shakes
- Yogurt
- Cream & desserts

#### Oils

- Cooking, seed, nut oils
- Cosmetic oils

#### Other

- Health & beauty products
- Nutraceuticals
- Household chemical
- Coverup/bundling

#### Beverages

- Juices
- Energy drinks
- Isotonics
- Non-dairy (nut milks, soy milk)

#### Enriched/Infused Products

- Vitamin added
- Fortified
- Fermented/probiotics
- Antioxidants



### Spec#

80059

### Product Description

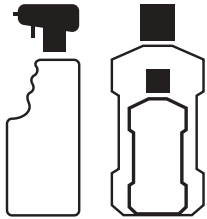
50 Micron Eklipse™ Shrink PETG

## Shrink Properties Across Applications

There are three primary considerations that help dictate what shrink sleeve material will be a best fit for any application: container shape, container type, and the type of tunnel being used to shrink the label. Container shape and type will determine the shrink percentage and force needed, and the tunnel will guide how shrinking the label is accomplished. Max shrink is the maximum percentage that the label must contract around the container and shrink force is a measure of pressure that the label applies to the container as it contracts. With these factors considered, the shrink properties needed can range from low to high.

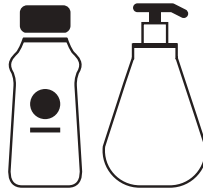
### High

- 70% shrinkage and above
- High shrink force required
- Applications with complex contours, bundle packaging for multiple containers where they will not shift around



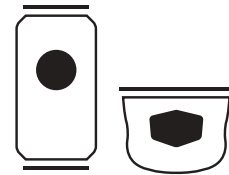
### Medium

- Between 60% and 70% shrinkage
- Moderate to high force where less compression is required
- Applications with softer, less complex contours, thinner walled containers



### Low

- Under 60% shrinkage
- Low to moderate shrink force required
- Applications with little to no contour, very simplistic containers



Shrink Percentage =  $1 - \frac{\text{narrowest diameter}}{\text{widest diameter} + \text{layflat oversize}}$

# Paper (Non Pressure-Sensitive)









## Uncoated Paper & Tags


The Uncoated Paper portfolio offers a versatile line of high quality, durable and economical uncoated papers and tags that deliver both excellent printing and converting results. Whether projects demand a more natural finish or bold and crisp imagery you can achieve it at the price point you are looking for.

### Features & Benefits

- High tear strength and stiffness properties with smooth finishes
- Excellent for die cutting, scoring, and folding
- Suitable for a variety of printing technologies such as flexo, and offset
- Laser printable\*

### Applications

- Direct mail
- Promotional
- Envelopes
- File folders
- Menus
- Product tags
- Return cards

| Spec#                                                                                     | Product Description |
|-------------------------------------------------------------------------------------------|---------------------|
| 19146                                                                                     | 60# OFFSET          |
| 53741                                                                                     | 90# INDEX WHITE     |
| 16836                                                                                     | 100# WHITE TAG      |
| 19530                                                                                     | 110# WHITE INDEX    |
| 16830                                                                                     | 125# WHITE TAG      |
| 16828                                                                                     | 125# MANILA TAG     |
|  B1866 | 175# WHITE TAG FSC® |
| 16963                                                                                     | RED GUMMED PATCH    |
| 16968                                                                                     | OUTDOOR DURA-LAZ    |

 = Sustainable ADvantage™ Portfolio

\* specs 54131, 19530, and 54484 only



## Coated Paper & Tags

The Coated Paper product line consists of specifications that are unsurpassed in quality, consistency and reliability. A wide range of products meet a multitude of prime labeling & converting needs ideal for a majority of applications.

### Features & Benefits

- Superior smoothness, printability and ink holdout
- Versatile offering for a wide range of applications
- Moisture resistance properties for wet-strength
- Variety of finishes for desired aesthetics: matte, semi-gloss, high gloss, metallized
- Can be sewn in or crimped\*
- High speed water-based inkjet printable\*\*

### Applications

- Coupons & extended content
- Package inserts
- Prime labeling
- Glue applied labels
- Bag headers/ header cards
- Specialty paper applications
- Produce/meat bag tags\*

\*\* specs 53895, 79816, 79817 only



| <b>Spec#</b> | <b>Product Description</b>                      |
|--------------|-------------------------------------------------|
| ④ 54450      | SF 60# C1S SEMI-GLOSS ELITE™ FSC®               |
| ④ 54463      | 60# C1S SEMI-GLOSS ELITE™ ITC FSC®              |
| ④ 54460      | 70# C1S LITHO FSC®                              |
| ④ 54457      | 60# C2S SEMI-GLOSS FSC®                         |
| ④ 54458      | 80# C2S SEMI-GLOSS FSC®                         |
| ④ 54459      | 100# C2S SEMI-GLOSS FSC®                        |
| ④ 54461      | 60# Black Vellum FSC®                           |
| ④ 54050      | 54# SEMI-GLOSS FSC®                             |
| 16808        | 55# C1S LATEX IMPREGNATED                       |
| ④ 53650      | 50# BEVERAGE LABEL FSC®                         |
| ④ B6586      | 45# C2S Gloss FSC®                              |
| B7581        | 60# C1S CAST GLOSS                              |
| 19636        | 37# METALLIZED PAPER                            |
| 17988        | 62# METALLIZED PAPER                            |
| ④ 54053      | 60# ESTATE LABEL NO. 4 WET-STRENGTH FSC®        |
| ④ 54120      | 60# CLASSIC LINEN SOLAR WHITE WET-STRENGTH FSC® |
| ④ B3146      | DEMANDJET 500HG FSC®                            |

④ = Sustainable ADvantage™ Portfolio



Photo courtesy of Bellevue Brewing Company

## Coated Board

The Rapid-Roll® Coated Board portfolio offers a range of high quality solid bleached sulfate (SBS) paperboard addressing the need for efficient, economical and sustainable board products. These products allow for creative printing, die cutting, embossing and folding that attract consumer attention in a crowded promotional world.

**Rapid-Roll® Brite White** Coated one-side and two-side grades which provide a high quality surface for printing and converting. The board is smooth, silky and has a blue-white shade for premium shelf appeal. The uniform coating also allows for an ultimate printing surface and vibrant color reproductions.













### **Semi-Gloss FSC®**

One-side and two-side coated cover that features a smooth, semi-gloss finish and blue-white shade. The surface is exceptionally smooth, yielding consistent printability for offset, heat-set offset and flexographic printing.

### **Applications**

- Retail tags
- Hang tags
- Lightweight folding cartons
- Packaging
- Promotional
- Tickets
- Event tickets



| <b>Spec#</b>                                                                            | <b>Product Description</b>      |
|-----------------------------------------------------------------------------------------|---------------------------------|
|  B4478 | 8PT C1S RR BRITE WHITE FSC®     |
|  B4485 | 8PT C1S SEMI-GLOSS FSC®         |
|  B4480 | 10PT C1S RR BRITE WHITE FSC®    |
|  B4486 | 10PT C1S SEMI-GLOSS FSC®        |
|  B4481 | 12PT C1S RR BRITE WHITE FSC®    |
|  B9665 | 12PT C1S SEMI-GLOSS FSC®        |
|  B4482 | 8PT C2S RR BRITE WHITE FSC®     |
|  B4483 | 10PT C2S RR BRITE WHITE FSC®    |
|  B4484 | 12PT C2S RR BRITE WHITE FSC®    |
|  B9666 | 14PT C1S SEMI-GLOSS FSC®        |
|  B9667 | 18PT C1S SEMI-GLOSS FSC®        |
|  B5305 | 10PT SILVER FOIL LAM BOARD FSC® |

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## Direct Thermal

The Rapid-Roll® Direct Thermal portfolio is designed to meet the specific variable information printing needs and equipment for an array of label applications and environments. These products are ideal for barcode applications requiring a variety of lifespan and heat sensitivity needs. Our broad offering poses properties for the right combination of consistent scannability, excellent resistance and operational efficiencies.

### Features & Benefits

- Ideal for high-speed printing
- Warranted for flexo printing
- Topcoated for extended image life
- Bright white, smooth surface for excellent barcode contrast
- Smudge and chemical resistance
- Outstanding converting characteristics for perforating, fan-folding, die cutting and foil stamping

### Applications

- Event and transit ticketing
- Retail tags
- Shipping and distribution
- Inventory and tracking
- Industrial labels



**Spec#**

**Product Description**

|         |                                      |
|---------|--------------------------------------|
| Ⓢ 53990 | DIRECT THERMAL 300LD FSC®            |
| Ⓢ B4414 | 5.3 PT DT 300GP W/O BC FSC®          |
| Ⓢ B2402 | 5.5 PT DT 300 HD FSC®                |
| Ⓢ B4413 | 7.2 PT DT 300GP W/O BC FSC®          |
| Ⓢ B2391 | 7.5 PT DT 200HD W/O BC FSC®          |
| Ⓢ B2399 | 7.5 PT DT 200HD FSC®                 |
| Ⓢ B2400 | 7.5 PT DT 300HD HEAT RESISTANCE FSC® |
| Ⓢ B3145 | 9.5 PT DT 300HD W/BC FSC®            |

Ⓢ = Sustainable ADvantage™ Portfolio



## Thermal Transfer

The Rapid-Roll® Thermal Transfer portfolio offers solutions for applications where ability to scan for tracking and inventory purposes is imperative. Bright white, smooth surfaces allow for crisp, quality printing of barcodes. The smudge and chemical-resistant surface ensures images can be scanned in visible and infrared light.

### Features & Benefits

- Ideal for high-speed printing
- Both sides warranted for flexo printing
- Bright white, smooth surface for excellent barcode contrast
- Smudge and chemical resistance
- Excellent lay flat

### Applications

- Event ticketing
- Retail
- Shipping and distribution
- Inventory and tracking
- Mailing
- Cold storage and freezers
- Product identification
- Office

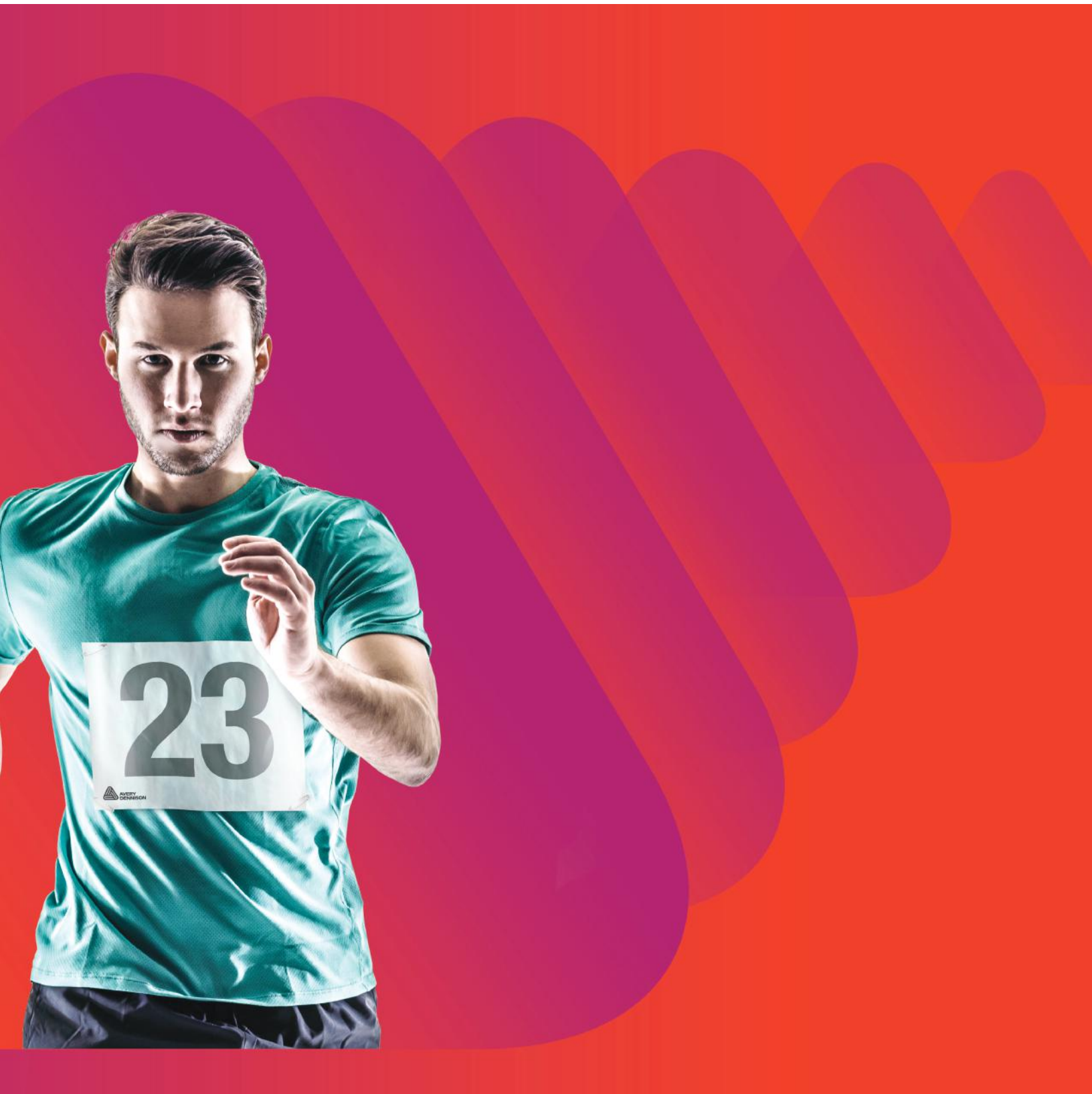


| Spec#   | Product Description                |
|---------|------------------------------------|
| Ⓢ 54070 | 3MIL THERMAL TRANSFER FSC®         |
| Ⓢ 53751 | 3PT C1S THERMAL TRANSFER FSC®      |
| Ⓢ 53752 | 5PT C1S THERMAL TRANSFER FSC®      |
| 16817   | 5PT C1S INTEGRITY TT               |
| Ⓢ 53753 | 7PT C1S THERMAL TRANSFER FSC®      |
| 16786   | 7PT C1S INTEGRITY TT               |
| Ⓢ 53745 | 8PT C2S THERMAL TRANSFER OB FSC®   |
| Ⓢ C0275 | 10PT C1S+ THERMAL TRANSFER OB FSC® |
| Ⓢ 16816 | 7.5PT UNCTD THERMAL TRANSFER FSC®  |
| Ⓢ 16843 | 9.5PT UNCOATED TT FSC®             |

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# Film (Non Pressure-Sensitive)





MATERIALS **Runner Bib** - 79109 | 1056DR TYVEK



## High Strength Film

The Rapid-Roll® High Strength Film portfolio includes top film brands with excellent strength in both directions for optimum performance. These products are best suited for end uses such as agricultural tags, steel and lumber tags and other outdoor durable application needs.

### Features & Benefits

- Ideal for high speed printing
- Warranted for flexo printing
- Bright white, smooth surface for excellent barcode contrast
- Smudge and chemical resistance
- Outstanding converting characteristics for perforating, fan-folding, die cutting and foil stamping
- Durability for outdoor use, extreme weather conditions or contact with harsh chemicals

### Applications

- Automotive parts tags
- Hunting tags and licenses
- Key tags
- Law labels and tags
- Lumber tags
- Power cord tags
- Transportation wristbands
- Chemical labeling and warning tags
- Sign and fencing tag



| Spec#   | Product Description        |
|---------|----------------------------|
| Ⓢ 78250 | 4M POLYLITH GC-3           |
| Ⓢ 78251 | 6M POLYLITH GC-3           |
| Ⓢ 78232 | 7M POLYLITH GC-3           |
| Ⓢ 78168 | 10MIL POLYLITH GC-3        |
| 76654   | 6.5M UNCTD V-MAX SELECT    |
| 75947   | 7.5M UNCTD V-MAX SELECT    |
| 75928   | 10MIL UNCOATED VMAX SELECT |
| 78004   | 7M C2S V-MAX SELECT PLUS   |
| B0928   | 6M WH HS HDPE              |
| Ⓢ B0930 | 7.5M WH HS HDPE            |
| Ⓢ B0931 | 10M WH HS HDPE             |
| 75741   | 6.5MIL UNCTD VALERON       |
| 75759   | 8.6MIL UNCOATED VALERON    |
| Ⓢ 75728 | 7.5 MIL C2S VALERON        |
| 75702   | 9.5MIL C2S VALERON         |
| 17900   | 3MIL VALERON               |
| 78084   | 3MIL VALERON TI02          |
| 79656   | 4173D TYVEK BRILLION       |
| 79687   | 4173D FR TYVEK BRILLION    |
| 79108   | 1025DR TYVEK               |
| 79109   | 1056DR TYVEK               |
| 79110   | 8740D TYVEK                |
| 79111   | 1073D TYVEK                |
| 75724   | 1085D TYVEK                |

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## Prime Print Film

The Rapid-Roll® Prime Print Film portfolio offers a variety of top brand products with superior print performance in the synthetic tag market. These popular materials print and finish like paper with the durability of plastic, which is ideal for some of today's most demanding applications. This portfolio supports the increasing demand for synthetic materials needed to support applications requiring superior strength, UV stability, chemical and moisture resistance, brilliant sharp graphics and more.

### Features & Benefits

- Tear and puncture resistance
- Withstands exposure to UV, chlorine, acids and oils
- Prime print and thermal transfer printable
- Topcoated for extended image life
- Vivid graphics

### Applications

- Bag headers
- Prescription cards
- Insurance cards
- Shelf talkers & banners
- Lumber and brick tags
- Steel rebar tags
- Nursery tags and plant identifiers
- Outdoor furniture tags
- Outdoor maps, guides and signage
- Lawn and garden equipment tags
- Bag tags
- Sport or game licensing

| Spec#   | Product Description             |
|---------|---------------------------------|
| ④ 77039 | 5.5MIL POLYART                  |
| ④ 78117 | 5.8MIL HS POLYART               |
| ④ 77038 | 7MIL POLYART                    |
| ④ 77040 | 8.5MIL POLYART                  |
| ④ 77041 | 10MIL POLYART                   |
| ④ 75822 | 6MIL POLYLITH GC2               |
| ④ 75735 | 8MIL POLYLITH GC2               |
| ④ 75736 | 10MIL POLYLITH GC2              |
| ④ 79085 | 6MIL POLYLITH PA-1              |
| ④ 19543 | 8MIL POLYLITH GT1               |
| 79760   | 7MIL YELLOW POLYLITH GS-1       |
| ④ 18821 | 7.2MIL POLYLITH PA-1            |
| 78015   | 3.2MIL POLYLITH CSL PRT 2 SIDES |
| 77468   | 4.0MIL POLYLITH - PB            |
| ④ 77470 | 3.8MIL POLYART                  |
| 16801   | 8MIL C1S SMGPRF KIMDURA         |
| B6323   | 3.7MIL C1S SMGPRF KIMDURA       |
| ④ 76786 | 8MIL FPG 200 YUPO               |
| ④ 76785 | 10MIL FPG 250 YUPO              |

④ = Sustainable ADvantage™ Portfolio

## Miscellaneous Film

| <b>Spec#</b> | <b>Product Description</b>   |
|--------------|------------------------------|
| 78882        | 5MIL WHITE LASER POLYESTER   |
| 78883        | 7.5MIL WHITE LASER POLYESTER |
| 75825        | 6MIL PRIMAX FACESTOCK        |
| 77239        | PRIMAX NA 400                |
| 77224        | FASCLEAR NA 350              |
| 78710        | 2.0MIL OPAQUE WH POLYESTER   |
| 79594        | 2.0MIL CLEAR POLYESTER TC    |
| 78392        | 2.0MIL CL PET T1S            |
| 17858        | 2.6MIL WH BOPP CORONA 2S     |
| 76875        | 2.6MIL WH BOPP TC 2S         |
| 78177        | 2MIL MET BOPP TC             |
| 79649        | 4.3MIL DT BOPP               |
| B3870        | 2 Mil Clear BOPP TC2S        |



## Static Cling

The Static Cling portfolio offers products that are a great option for promotional use and reminder opportunities. Static cling can be processed in roll form or ultimately used in sheet form. The key to success for static cling applications is to ensure it is being applied to a clean, smooth glass surface. Static cling is chemical resistant and is not designed to be overlaminated or over processed. Printing on the liner adds additional space and allows for directions to be provided for use.

### Features & Benefits

- Printability
- Chemical Resistance
- Back side printing on liner

### Applications

- Promotional window stickers
- Oil change or car maintenance decals
- Point of purchase displays
- Retail promotions
- Seasonal decals
- Other window graphics



| Spec# | Product Description          |
|-------|------------------------------|
| 78866 | 6MIL CL STATIC CLING TC/8 PT |
| 78937 | 8MIL WH STATIC CLING TC/8PT  |
| 78938 | 6MIL CL STATIC CLING TC/60#  |
| 78939 | 6MIL WH STATIC CLING TC/60#  |

## Release Liners

Rapid-Roll® paper and film release liners are suitable for high speed, roll-to-roll die cutting, stripping and label dispensing.

### Features & Benefits

- Ultra smooth surfaces enhance adhesive wet-out
- Caliper controlled for precise adhesion laydown
- Variety of release formulas to meet converting needs

### Applications

- In-line pressure sensitive adhesive laminating
- Data processing labels

| <b>Spec#</b> | <b>Product Description</b>                     |
|--------------|------------------------------------------------|
| 19058        | 2.5PT SC EASY RELEASE                          |
| 77847        | 2.5PT SC TIGHT RELEASE                         |
| 53714        | 40# BG EASY RELEASE LINER                      |
| 53484        | 50# MF PLB                                     |
| 19152        | 54# EASY RELEASE                               |
| 53715        | 80#CCK/8900-LQ EASY RELEASE                    |
| 78931        | 1.5MIL CLEAR PET EASY RELEASE RECYCLED CONTENT |
| 78934        | 1.2MIL CLEAR PET EASY RELEASE RECYCLED CONTENT |
| 78152        | 2.4MIL ULTRALINER 242 R3008                    |



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