

Avery Dennison® **Select Solutions™** Collection

Your guide to Avery Dennison application-specific portfolios

Select Solutions Experts:
help across the board.

Have a specific need?
Our experienced engineers can
help you develop Engineered
Solutions that grow your business
and expand your product line.

NEW

Clear
Direct Thermal
films are here
and the potential is big!



About Us

Avery Dennison Label & Packaging Materials



Avery Dennison Label and Packaging Materials (LPM) offers self-adhesive technology products that can be designed and manufactured for any application. We combine creative expertise and engineering with best-in-class automation techniques to produce solutions whose beauty and performance help enhance many of the world's most successful brands.

Our experience in working with converters, suppliers and organisations of every scale allows us to meet precise operational requirements with outstanding service, in-depth training and support. Whether working with multinational corporations or private-label boutiques, Avery Dennison LPM employs a consultative approach that matches your specific needs to our cutting-edge technologies and processes.

For more information visit label.averydennison.com.au



Label and
Packaging Materials

Select Solutions™

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Mix & Match™



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Select Solutions™

Application-specific constructions

Grow your business; expand your product line and bottom line.

This catalogue will provide you with insights into our application-specific product ranges, with some product recommendations, but also more. For more information, please contact your local sales representative and ask for available samples today.



Capture consumer attention with unique label solutions and packaging materials that have been specifically designed for a multitude of surfaces and applications. In a crowded environment, our Select Solution portfolios offer unique packaging options and custom label solutions that enhance brand reputation and appeal, and help you differentiate.

Application-specific Portfolios

Select Solutions™ provides a comprehensive offering of application-specific portfolios to help label converters meet key challenges in the industry. For brand owners, this means a fast and simple route to unique labelling solutions. Whether it is anti-counterfeit labels for security purposes, cover-up labels that save valuable time and cost or food reseal labels that provide ultimate consumer convenience, find what you need with our application-specific constructions.



Brand Protection & Security



Drum



Reclosure



Food Safety



Removables



Promotion and Retail



Drum & Tyre Labelling



Craft Beer



Durable Goods



Responsible Sourcing



Pharmaceutical



Ship & Track



Digital Printing

Mix & Match™ Capabilities



Mix & Match

- Mix & Match™ Service allows you to customise, innovate and differentiate

Engineered Solutions for your individual needs



Engineered Solutions

- Engineered Solutions Service for your individual application and performance requirements
- Dedicated Professionals help you develop custom products and grow your bottom line
- Differentiate your company and provide your customer with a sound solution

Service



QUICK QUOTES
CALL TODAY



FAST SHIPPING



We always strive to provide you with the service you expect. We offer customised label solutions with low minimum order quantities, rapid pricing and delivery you expect. Ask us for sample availability to facilitate your testing.

Clear Direct Thermal

for any facestock

Clear-on-clear labelling is conquering whole new application areas, and opportunities are opening up



Avery Dennison's clear direct thermal product range now allows the development of high-impact and variable information labelling for fresh fruit, hams, cheeses, bakery items and much more. It also opens up new packaging and labelling strategies for applications as diverse as retail and healthcare.

Few food packaging strategies appeal more to consumers than transparent labelling – actually showing what is inside a package has proved to be very effective in driving purchase decisions in store.

The clear-on-clear or 'no label' look has long since entered the mainstream for many segments, where it has increased sales for products that range from food, home and personal care through to premium alcoholic beverages.

Now transparent labelling is set to make a similar impact across a much wider span of segments, and label converters have a rare opportunity to take their customers in new and exciting directions.

Shelf impact and more

Shelf impact is one of the single most important benefits of clear direct thermal films, with optimal transparency or a smooth matt finish, but there are other market pressures that can be responded to effectively with these materials. Such pressures arise from a complex mixture of regulatory changes, brand-related needs and consumer demand for more information.

Larger labels

Labels now have to contain much more written content than previously, and have become larger as a result. Large white direct thermal labels can entirely obscure a package's contents, whereas a clear label can contain all of the same information but still allow inspection of what's inside.

Label safety

More and more consumers are aware of Bisphenol A (BPA) and want BP-free or BPA-free labels. The recent move by the French government to ban BPA-containing labels in direct contact with food emphasizes the growing importance of this issue. Adhesives are part of the food safety mix, and need to comply with many strict requirements when used for food labelling.

Promotional applications

Thanks to high-performance Thermal PP25 Matt Clear, Avery Dennison can now offer a new and comprehensive portfolio of direct thermal printable 'Radiant' products at competitive prices – including red, green and chartreuse and orange. Use them to highlight discounts that consumers can't miss.

Healthcare

Applications in healthcare are numerous. Technical support teams can help you to develop applications for patient files, sperm banks, prescription medication packaging and more.

Organise it!

Clear direct thermal labels have applications beyond packs. They allow more effective organising and labelling of files, envelopes, shelves, cups, garments, tickets... and anything else where transparency and a medium shelf-life are required.

Comprehensive direct thermal options

Three grades of transparent Direct Thermal film from Avery Dennison give you the flexibility you need to address any application challenge, including a unique PP25 film that can turn any facestock into a direct thermal material. All are BPA-free.

Make any facestock direct thermal printable

Thermal PP25 Matte Clear opens up an enormous range of opportunities. Any facestock can first be printed conventionally, and then turned into a direct thermal material with the addition of the film – allowing low-volume customisation for themed campaigns, or variable information on individual labels. The film's matte finish suits facestocks such as naturally matt papers, and minimum order quantities are available down to 1000 square metres. Bisphenol-free.

Adhesive expertise

As might be expected, the new range benefits from outstanding adhesive technology from Avery Dennison, and two adhesives have been selected by our Select Solutions experts for this range:

> **S2800** is available for the PP75 and PP70 films, and may be used safely in direct contact with food, providing an excellent food-label ling option for direct contact with dry, moist and fatty foodstuffs. It can be applied on-to substrates at temperatures as low as -15°C, perfect for frozen food, and the service temperature range is from -50°C to 120°C.

It complies with European food regulation 1935/2004/EC, German Recommendation (BfR) XIV and FDA § 175.105. The adhesive also complies with the EU Guidelines on Regulation No 10/2011 on plastic materials and articles intended to come into contact with food.

> **S692N** is available across the entire range. This general purpose permanent adhesive offers the same level of food labelling compliance as S2800, and is well known for giving good conversion speeds, UV resistance and weatherability. The minimum application temperature of this adhesive is 5°C, with a service temperature range between -20°C and 80°C.

Optimal transparency...

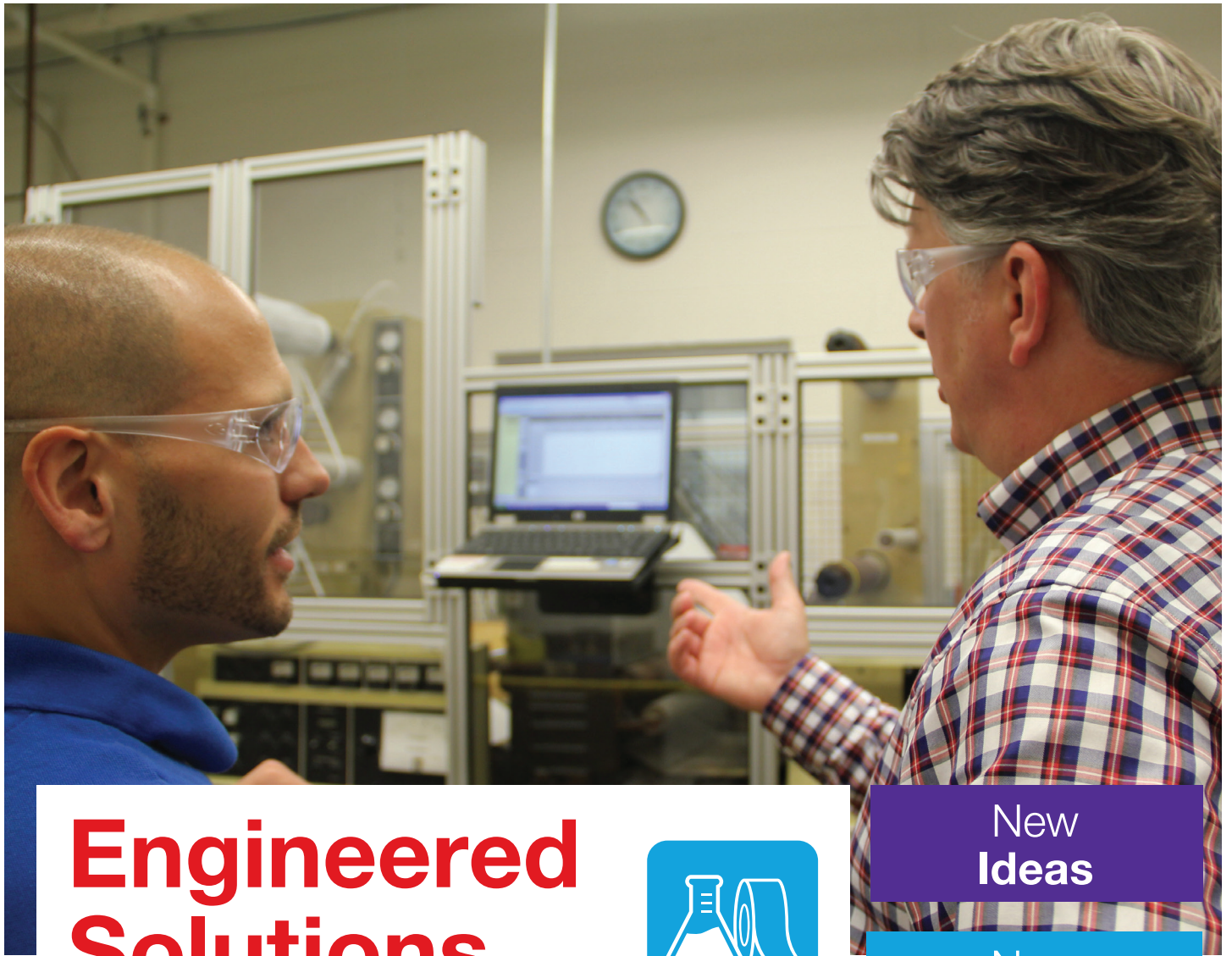
For oily packaging such as olive oil, olives or honey jars, topcoated Thermal PP75 Clear gloss film gives improved water, oil and plasticizer resistance. It also offers high performance on fresh/ cold surfaces when used with S2800 adhesive. Bisphenol-free.



... or cool matte design

The matt surface of the topcoated Thermal PP 70 Matte Clear is a natural choice for designers and brand owners alike. This cost-effective option has a differentiated look and feel, compared with the glossy alternative, as well as tear resistance. Also available with S2800 adhesive. BPA-free.

Contact your local sales representative for more information and to order samples today.



Engineered Solutions



New
Ideas

New
Approaches

New
Products

New
Opportunities

‘Engineered Solutions’ is a service that helps you develop custom products that differentiate your business and grow your bottom line. Take advantage and connect with the Engineered Solutions team, featuring some of the label and packaging materials industry’s most experienced professionals. This team is dedicated to helping you be first to market with solutions meeting your clients’ needs.

Avery Dennison technical leaders play a crucial role in uncovering and explaining the latest innovation trends and broad market developments. They are component experts who help in the design and manufacturing of custom solutions for our customers’ unique challenges.



Oxygen Barrier Range

Easy opening and prolonged product freshness

Prevent oxygen from permeating through the label and spoiling the content

Avery Dennison has introduced oxygen barrier films in the Reclosure and Food portfolio, designed to help packaged goods companies and packaging designers meet consumers' needs and to provide the convenience of reclosure technology. Larger pack sizes for food products drive the need for increased shelf life. Barrier film facestocks are ideal for food products that need to remain fresh once packs have been opened.

An oxygen barrier film in combination with pressure-sensitive reclosure adhesives offers easy opening with repeated resealability, while providing brand owners with the ability to create differentiated packaging.

PORTFOLIO CHARACTERISTICS

- > High sealability and smooth removability with UVR145
- > Direct food contact adhesive S2800 for dry, moist and fatty foodstuffs with a reduction factor of at least 2
- > Eliminates the need for cling film or storage containers
- > Retains the integrity of product identification

APPLICATION AREAS

- > Sliced cooked meat
- > Hard and soft cheese
- > Biscuits and cookies



Portfolio Components

The oxygen barrier film is currently available in combination with three adhesives, but can also be made available with a wide range of adhesives and liners.

Barrier Properties:

- > Permeability to O₂ 15 cc/m² (24h, 23°C, 0% RH) ASTM F1927
- > Moisture vapor transmission rate 0.3 g/sqm/24h ASTM F1770 (23°C; 85%RH)
- > Moisture vapor transmission rate 2.9 g/sqm/24h ASTM F1770 (38°C; 90%RH)

ITEM	PRODUCT DESCRIPTION	MOQ (SQM)	DECKLE WIDTH (mm)	LOCATION
AM904	PP50 TOP CLEAR BO UVR145-BG45WH	1000	1000	EU
AP765	PP50 TOP CLEAR BO S2800-BG40WH	1000	1000	EU
AR178	PP50 TOP CLEAR BO S4700-BG40WH	1000	1000	EU



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Resealable Solutions for Food Applications

Easy-to-use, secure and food-compliant

Resealable labels offer user-friendly and easy open/close functionality. With a wide range of basic to more demanding reclosure labels, including both dry and wet applications, they offer a cost-effective route to crucial shelf appeal. There are alternatives with different seal strength and peel 'feels'.

APPLICATION AREAS:

- > Dry food
- > Frozen food
- > Fresh food

WHY RESEALABLE?

Manufacturers in the food industry are seeking convenient and easy-to-use functional packaging. Resealable labels can be placed anywhere on a pack, and removed or re-applied as desired without leaving adhesive residue. They give brand owners a cost-effective and efficient alternative to zippers or hard reclose packaging.

The Avery Dennison resealable range suits a variety of applications – everything from simple dry-goods with a limited number of opens/reclosures to products that will perform time after time despite challenging contents.

FOOD-FRIENDLY ADHESIVES

Almost any application can be catered for, with facestocks that include polypropylene, polyethylene, polyester and co-extruded film. Note that polypropylene or polyethylene films with TC7007 topcoat are food compliant and safe to use in all food contact applications.

S692N or S4000N

Excellent entry-level adhesives. Bond securely to filmic packaging. And able to open and close several times.

R5000N or C3

For dry food reclosure applications. These adhesives form a secure bond with smooth peel from most substrates.

R5050 or R1490M

For more demanding applications. Good moisture resistance and clean removal from PET and PP substrates. Good 'recovery' properties – resealable many times.



Portfolio Components

PRODUCT SELECTION

Comprehensive support is available to ensure the right choice – an Avery Dennison technical specialist can help you to consider all of the following and more:

- Pack contents, and their effect on the label
- Method of use and the total number of openings and closures required
- Flexible/rigid packaging substrates and their adhesion properties
- Food compliance and regulatory requirements (FDA or BfR, indirect/direct contact)

		# of reclosures	S692N ¹	S4000N ¹	R5000N	C3	R5050	R1490M
Categories	Bakery	24-30	○	○	○	○		
	Cookies & Cereals	12-15	○	○			○	
	Confectionery		○	○		○	○	
	Sweet & Savoury	1-3	○		○	○		
	Rice & Pasta	1-3	○		○	○		
	Tea & Coffee	12-15					○	
	Meat & Cheese	3-6					○	○
	Frozen Food	1-3					○	○
	Dry Tissues	9-12				○		○
	Tobacco	15-30			○		○	○
Requirements	Clean removability		●	●	●	●	●	●
	Moisture condition (low to medium)		●	●	●	●	●	●
	Smooth peel				●	●	●	●
	Zippy peel		●	●				
	Multiple reclosures		●	●	●	●	●	●
	Odour		●	●	●	●	●	●
Compliance	BfR XIV		✓	✓	✓	✓	✓	✓
	Approval Dry foodstuffs EU		✓	✓	✓	✓	✓	✓
	Approval Moist foodstuffs EU		✓	✓	✓	✓	✓	✓
	Approval Non-fatty foodstuffs EU							
	Approval Fatty foodstuffs EU		red.2	red.5	red.3	red.2	red.2	red.5
	FDA 175.105		✓	✓	✓	✓	✓	✓

- Recommended 1) Permanent adhesive. Partial 'deadening' required for resealable application
- Good
- Better
- Best

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Resealable Solutions for Baby, Facial and Household Wipes

Cost effective, user friendly alternatives that provide easy access and secure closure

Consumers using **wet-wipes** want easy-open and easy-close functionality. Avery Dennison's solution is R1490M, an adhesive specifically designed for home and personal care applications. It provides a smooth peel that suits a broad range of wet-wipe applications, combining convenience with effective branding. For converters and brand owners, this is a cost efficient solution with the quality and service you expect from Avery Dennison.

PORTFOLIO CHARACTERISTICS

- > Good solvent and moisture resistance, ideal for wet-wipes
- > Up to 60 openings and closures
- > Clean removability and smooth, quiet peel from PET and PP substrates
- > Special Gum Pattern available on 2m width
- > BfR XIV food approval for dry, non-fatty and fatty foodstuffs

CONSIDERATIONS WHEN CHOOSING A RECLOSURE ADHESIVE:

- > Required on number of re-closure events
- > Packaging contents (e.g. moisture level and solvents) and adhesion to the substrate
- > Size, shape and design of packaging, opening and label
- > Desired 'feel' when opening the pack (high or low peel adhesion)
- > Compliance regulatory requirements such as FDA or BfR



Portfolio Components

The portfolio of filmic facestocks with R1490M reclose adhesive has been specifically designed to meet wet and dry applications. Able to deliver high-quality graphics, these facestocks in combination with R1490M also provide increased operational efficiency as well as excellent reclose functionality.

ITEM	PRODUCT DESCRIPTION	MOQ (SQM)	DECKLE WIDTH (mm)	LOCATION
R1490M CONSTRUCTIONS				
AO633	PP LIGHT TOP CLEAR R1490M BG40WH	1000	1000	EU
AQ959	PP LIGHT TOP WHITE R1490M BG40WH	2000	1000	EU
AQ687	PP90 TOP CLEAR R1490M BG40WH	1000	1000	EU
AQ961	PP90 TOP WHITE R1490M BG40WH	1000	1000	EU
R3200 FOR LOW SURFACE ENERGY SUBSTRATES				
AA470	PP90 TOP WHITE R3200-BG45WH	1000	1000	EU
AA471	PP90 TOP CLEAR R3200-BG45WH	1000	1000	EU
AG334	PP NG TOP CLEAR R3200-BG45WH	1000	1000	EU
AH924	PP NG TOP CLEAR R3200-BG40WH	1000	1000	EU
UVR145 WITH EXCELLENT CHEMICAL RESISTANCE				
AF991	PP TOP CLEAR UVR145-BG40WH	2000	1000	EU
AG748	PP TOP WHITE UVR145-BG40WH	2000	1000	EU

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See Through Your Variable Information Label

Clear Direct Thermal Films

Clear direct thermal printable films - BPA free!

Packaging and shelf appeal have become increasingly important for food products. There is a general trend that consumers like to see the product inside the packaging, resulting in a strong growth of clear packaging such as clamshells. Labelling these products with white labels does not provide the required results.

That is why Avery Dennison has developed a range of Clear Direct Thermal films, all top coated and BPA-free. It is now possible to maintain a high shelf-appeal, using see-through packaging even when there is a need for variable information.

The offering consists of top-coated products in combination with our two well-known adhesives: S692N for general purpose, and S2800 which gives high performance on fresh and cold surfaces and was especially developed for food applications.

These thermo-sensitive products are designed for use in thermal printing systems at printing speeds up to 200 mm/sec.

Make any label direct thermal printable with low Minimum Order Quantities

The thin overlaminating film alternative can make any label direct thermal printable, including one part of a preprinted standard or prime label. It enables the use of original label materials, while enabling serialisation if needed at a later stage, maintaining original label characteristics.

PORTFOLIO CHARACTERISTICS

- > Optimal transparency with the PP75 grades
- > Economical PP70 matte clear alternatives
- > Thin overlaminating film PP25

APPLICATION AREAS

- > Clamshell packaging
- > Fresh fruit and produce packaging
- > Food sold by weight, weighed in-store
- > Addition of variable information section to prime labels



Portfolio Components

ITEM	PRODUCT DESCRIPTION	MOQ (SQM)	DECKLE WIDTH (mm)	LOCATION
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FOR OPTIMAL TRANSPARENCY: TOPCOATED CLEAR DIRECT THERMAL PP75

AY421*	THERMAL PP75 TOP CLEAR- S692N-BG40WH	1000	1000	EU
AU602	THERMAL PP75 TOP CLEAR- S2800-BG40WH	1000	1000	EU

ECONOMICAL GRADE: TOPCOATED THERMAL PP70

AX909	THERMAL PP70 MATTE CLEAR-S692N-BG40WH	1000	1000	EU
AW839*	THERMAL PP70 MATTE CLEAR-S2800-BG40WH	1000	1000	EU

THIN OVERLAMINATING FILM

AX159*	THERMAL PP25 MATTE CLEAR-S692N-BG40WH	1000	1000	EU
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* A4 and roll samples available upon request.

Care should be taken regarding scratch resistance in high moisture conditions.



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Select Solutions Experts. Across-the-board Help.

You can count on Avery Dennison experts to help you find the products and solutions that work for you and your customers. From sales representatives to technical support experts, the Avery Dennison team is dedicated to making your next application a success. Our people are there for you, helping with scale-up, converting, application troubleshooting and employee training. We'll put the industry's most comprehensive offering of facestocks, adhesives and liners to work for you in the shortest possible time.

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Make Any Facestock Direct Thermal Printable

Radiant and Coloured Direct Thermal Films

Direct Thermal printable radiants, wine papers, foils, you name it. All with seriously low Minimum Order Quantities.

Radiant papers are a really popular solution, mainly in the retail segment. They provide an easy way to highlight important information, error corrections, promotions or price reductions. High visibility also makes them a great solution in many other applications including larger 'warning' tracking labels.

Creating coloured Direct Thermal printable labels requires solid-ink printed on to direct thermal paper which can have a negative effect on the thermal layer and print characteristics. Alternatively a direct thermal coating is added to the coloured paper but generally only for high volumes. Avery Dennison now offers the possibility to create a wide range of coloured, structured and metallised products that are direct thermal printable with Minimum Order Quantities as low as 1000 square metres.

Avery Dennison Radiant and Coloured Direct Thermal films are one-side fluorescent colour coated, woodfree printing papers. They are laminated with a thermal clear film with good resistance to moisture, oil and alcohol. These thermo-sensitive products can be converted by all usual roll conversion technologies.

PORTFOLIO CHARACTERISTICS

- > Direct Thermal Topcoat
- > Bisphenol free
- > Improved water, oil and plasticiser resistance
- > Available with thermal, removable or deep-freeze adhesives

APPLICATION AREAS

- > Clamshell packaging
- > Fresh fruit and produce packaging
- > Food sold by weight, weighed in-store
- > Addition of variable information section to prime labels



Portfolio Components

ITEM	PRODUCT DESCRIPTION	MOQ (SQM)	DECKLE WIDTH (mm)	LOCATION
RADIANT AND NATURAL BOIS FACESTOCKS				
AX162*	THERMAL PP RADIANT RED- S2045N- BG40BR	1000	1000	EU
AY011	THERMAL PP RADIANT CHARTREUSE- S2045N- BG40BR	1000	1000	EU
AX846	THERMAL PP RADIANT ORANGE- S2045N- BG40BR	1000	1000	EU
AY454	THERMAL PP RADIANT GREEN- S2045N- BG40BR	1000	1000	EU
AW337	THERMAL NATURAL BOIS S2045N- BG40WH	1000	1000	EU
OVERLAMINATING FILM				
AX159*	THERMAL PP25 MATTE CLEAR- S692N- BG40WH	1000	1000	EU

* A4 and roll samples available upon request



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WIN
TROPICAL
TICKET

Labels that Don't Stick

No-stick* Solutions

Dry-peel technology for coupons and promotional tags-on-a-roll

For coupon labelling, Avery Dennison offers the No-stick*, dry adhesive concept coated with 'star dots'. No-stick* (star) products are designed to facilitate easy delamination without the need for an ungummed area. These labels are easy to open and can be used for coupons on cosmetics, toiletries, luxury articles and promotional labelling.

Dry-peel constructions also enable the creation of promotional hanging bottle-neck tags on a roll. This feature is used where dispensing of dry tags is required.

The precise choice for an adhesive depends on application. No-stick* products are offered with permanent adhesives. All products are easy to convert and can be printed with conventional printing technologies. They can be dispensed either automatically or manually.

PORTFOLIO CHARACTERISTICS

- > Clear film piggybacks
- > Paper-based piggybacks
- > White filmic constructions

SOME POTENTIAL APPLICATIONS WHEN CHOOSING A RECLOSURE ADHESIVE:

- > Promotional labelling
- > Coupons in newspapers and magazines
- > 'Bottle-neck' hanging labels



Portfolio Components

ITEM	PRODUCT DESCRIPTION	MOQ (SQM)	DECKLE WIDTH (mm)	LOCATION
AI148	PB NO-STICK*MC PRIMECOAT-S697-BG45WH	1000	1000	EU
AI411	NO-STICK*PP30 CLEAR-S2045N-BG45WH	1000	1000	EU
AI412	NO-STICK*PP50 TOP CLEAR-S2045N-BG45WH	1000	1000	EU
AO760	PB MC115N OPQ-R0010/S2000N-PET23/45WH	1000	1000	EU

DRY-PEEL TAGS

ANW018	CTD CARD-150-S2045-BG40	1000	1000	EU
AB848	MC90-R0010-BG45WH	1000	1000	EU
AD804	COATED CARD180-R0010-BG45WH	1000	1000	EU
AO330	PP120 MATTE WHITE-R0010-BG45WH	1000	1000	EU



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Blockout Correction Labels

Cover-up Opaque Range

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

Typing errors, changes, omissions, updates ... no matter what the mistake or need to re-label, Avery Dennison's Select Solutions Cover-up portfolio can make it right without the high cost of having to start over from scratch.

Almost every packaged product will need to have its labelling changed or adapted at some point in its life. It is crucial to ensure that any over-labelling is truly opaque. This makes the new labels fully legible and, especially for correction labels, ensures that overprinted data is completely obscured. Avery Dennison opaque label stocks offer label converters and their customers an unrivalled range of options in both paper and film, and with permanent and removable adhesives.

PORTFOLIO CHARACTERISTICS

- > Opaque prime films
- > Opaque prime papers
- > Opaque VI front materials
- > A selection of standard colours and multiple opaque layers
- > Customising colours

APPLICATION AREAS

- > Correction labels
- > Translation labels
- > Promotional labels
- > Shipping and tracking
- > Legal



Portfolio Components

The range is a genuine one-stop shop for all correction applications, and the sheer quantity of choices available allows for highly creative solutions - for example, an attractive coloured background on a clear bottle. Most paper or film products can be customised on demand to use a specific opaque colour.

ITEM	PRODUCT DESCRIPTION	MOQ (SQM)	DECKLE WIDTH (mm)	LOCATION
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PRINT-AT-HOME LAY-FLAT CONSTRUCTION

SU4897	GLOSS COVER-S660-BG40	500	1000	AUS
AG227	GLOSS COVER PREMIUM-S660-BG40BR IMP	1000	1000	EU
AG216	MATTE COVER-S660-BG40BR IMP	1000	1000	EU
AA570	MATTE COVER BLACK-S2000N-BG40BR	1000	1000	EU
AG371	HGW OPQ-S2045N-BG40BR IMP	1000	1000	EU
AA569	GLOSS BLUE OPQ-S2000N-BG40BR	2000	1000	EU
AA571	MC PRIMECOAT BLUE OPQ-S2000N-BG40BR	1000	1000	EU
AA621	VELLUM BLUE OPQ-S2000N-BG40BR	1000	1000	EU
AA186	LCJ PREMIUM OPQ FSC-S2012HTC-HF55	1000	1000	EU
AO053	THERMAL TOP S8 OPQ-S2045N-BG40BR	1000	1000	EU
AR703	PP100 TOP WHITE OPQ-S700-BG45WH	1000	1000	EU
AA502	PVC WHITE OPQ-S692N-BG40BR	1000	1000	EU
AC387	PRIMAX BLUE OPQ-S692N-BG40WH	1000	1000	EU
AM279	CO-EX100 OPQ-S2045N INC-BG40WH	1000	1000	EU
AA297	PP NG TOP WHITE OPQ-S2045N-BG40WH	1000	1000	EU
AA331	PP NG TOP WHITE OPQ-S697-BG45WH	1000	1000	EU

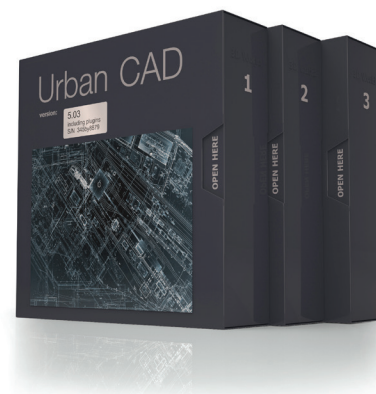


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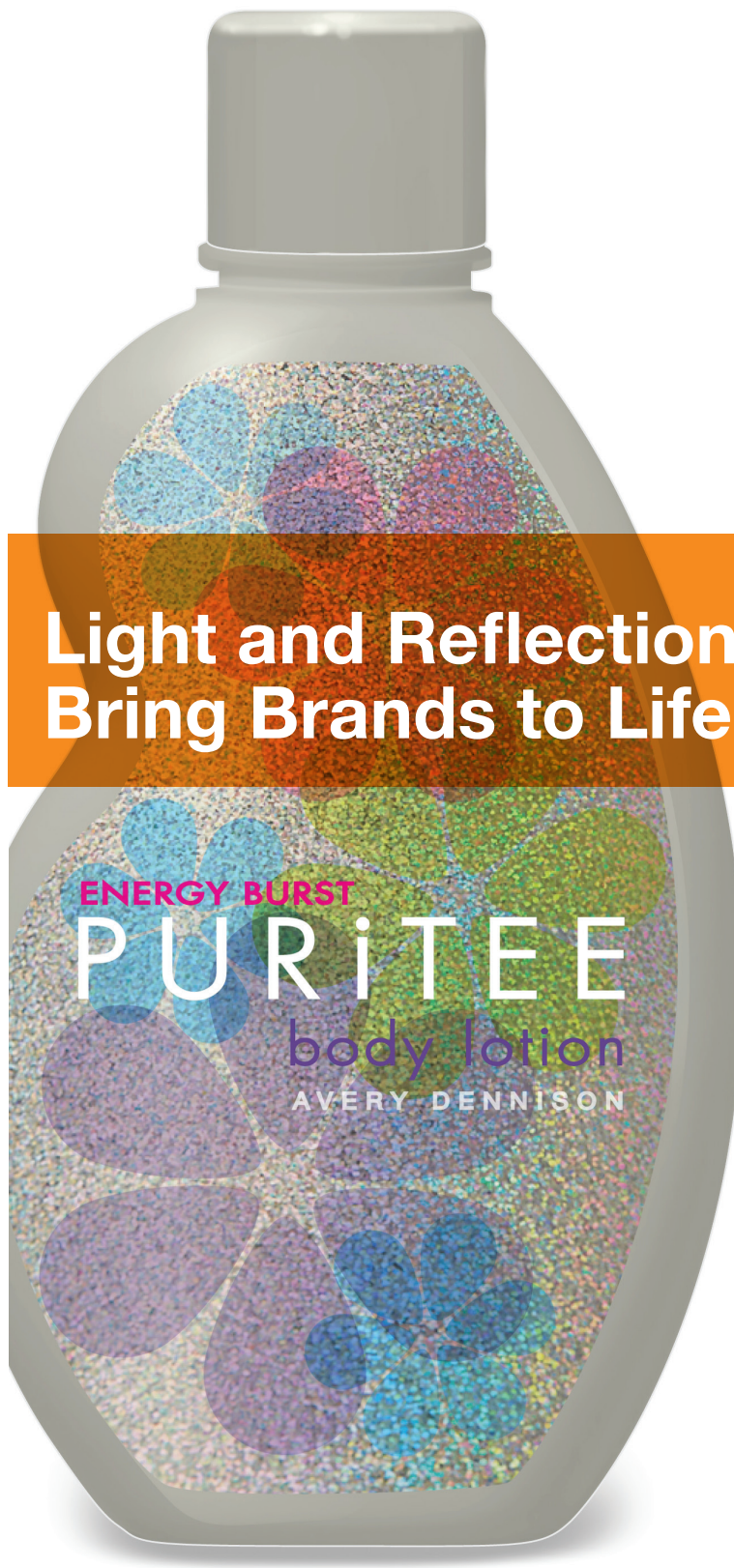
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Very thin and highly flexible, our next generation holographic films and papers are natural shelf-stoppers, using light and reflection to attract attention, differentiate brand and accelerate sales. Brilliant, glowing colors, dynamic motion patterns and outstanding printing, packaging and lamination performance make this portfolio the first choice of brand owners and designers who want their products to stand out.

From iridescent paper labels on no squeeze PET, HDPE and glass containers ... to "look at me" flexible packaging incorporating low squeeze PET, HDPE and glass, our extensive Select Solutions Holographic portfolio offers unique constructions that are as innovative as they are visually inviting.

Light and Reflection Bring Brands to Life



PORTFOLIO COMPONENTS

- > PET films
- > OPP/BOPP films
- > PVC films
- > Papers

PORTFOLIO CHARACTERISTICS

- > Thin and flexible
- > Excellent dimensional stability
- > Diffracts normal white light into brilliant colour
- > Micro-embossable with images or patterns

APPLICATION AND SEGMENTS

- > Standout Labels
- > Home and Personal Care
- > Security Labels
- > Wine and Spirits
- > Flexible Packaging
- > Food



Portfolio Components

	ITEM	PRODUCT DESCRIPTION	MOQ (SOM)	DECKLE WIDTH (mm)	LOCATION
Holographic Films	78983	2 Mil Diamond PLT/S692N/50#SCK	302	991	US
	78976	2 Mil Powder PET/S692N/50#SCK	302	991	US
	78970	2 Mil Confetti PET/S692N/50#SCK	302	991	US
	78973	2 Mil Sparkles PET/S692N/50#SCK	302	991	US
	78971	2 Mil Crystals PET/S692N/50#SCK	500	Single Roll*	US
	78067	2 Mil Rainbow PET/S692N/50#SCK			
	79016	2 Mil Rainbow OPP/S692N/40#SCK			
	79072	2 Mil Crystal OPP/S692N/40#BG	418	1372	US
	79079	2 Mil Rainbow ITC/S692N/50#SCK	387 464 502	254 305 330	US
	79507	2.5 Mil Rainbow Seamless GCX/S692N/1.2 Mil	465	762	US
Holographic Papers	79579	2 Mil Rainbow Seamless PET/S692N/50#SCK	580	762	US
	02391	Fasson® FasPrism™ Iridesc/S246/40#SCK	500	EXACT™	US
	03852	Fasson® FasPrism™ Classic/S246/40#SCK	348	762	US
	08753	Fasson® FasPrism™ Shear/S246/40#SC	348	762	US
	10938	Fasson® FasPrism™ Ice/S246/40#SCK	348	762	US
	12071	Fasson® FasPrism™ Glitter + II/S246/40#SCK	348	762	US
	53786	Fasson® FasPrism™ Rainbow Seamless/S246/40#SCK	348	762	US
	13645	Fasson® FasPrism™ Iridesc/R128/40#SCK	348	762	US
	19437	Fasson® Inverted-Face FasPrism™/S246/44#PK	348	762	US

Single Slit Roll Service Program: Available in any width by 762m (76.2mm core)



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Label Constructions that Help Put Smiles on Faces

Kiddie Sticker Portfolio

A range of label materials used for collectables or print-at-home childrens' stickers

An exciting array of eye-catching facestocks, nontoxic permanent or removable adhesives and a lay-flat liner create a wealth of pressure-sensitive solutions for three-dimensional and two-dimensional-stickers that get noticed, get bought and put smiles on faces. Whether you want a spectrum of reflective light or the shelf-stopping impact of brilliant, glowing colours, our Select Solutions Kiddie Sticker portfolio can help differentiate brands, accelerate sales and share messages.

PORTFOLIO CHARACTERISTICS

- > Lay-flat liner alternatives suited for sheet applications
- > Permanent as well as removable, non-toxic adhesives
- > Options suitable for die-cutting, laser cutting and embossing
- > Print-at-home option

APPLICATION AREAS

- > Toy decoration
- > Sticker books / Collectibles
- > Children's books
- > Name tags



Portfolio Components

ITEM	PRODUCT DESCRIPTION	MOQ (SQM)	DECKLE WIDTH (mm)	LOCATION
PRINT-AT-HOME LAY-FLAT CONSTRUCTION				
AW1584.210	LCJ PREMIUM LP430 HF55N	5 ROLLS	210	AUS
AW1584.222	LCJ PREMIUM LP430 HF55N	666	222	AUS
AP445.210	LCJ PREMIUM FSC S2012HT HF75	5 ROLLS	210	AUS
AS492.210	LCJ PREMIUM FSC LR2N HF55	5 ROLLS	210	AUS
AS492.222	LCJ PREMIUM FSC LR2N HF55	666	222	AUS
OW0053F.210	LASERPRO FSC S2700 CCK	630	210	AUS

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CONSTRUCTIONS SUITABLE FOR COLLECTIBLE KIDDIE STICKERS				
AI286	HGFP POINT TOP S2000N HF100	1000	1000	EU
AY094	HGF PP POINT TOP S692N BG40WH FSC	1000	1000	EU
AZ950	HGF PP KALEIDOSCOPE TOP S692N BG40WH FSC	2000	1000	EU
AP970	PP50 TOP BRIGHT SILVER S692N BG40WH FSC	1000	1000	EU
AS079	PP TOP WHITE C3 BG40WH FSC	6000	1000	EU
AD002	PRIMAX PLUS S692N BG40WH FSC	1000	1000	EU
AN057	PP90 TOP CLEAR S2000N INC-HF100	2000	1000	EU
AH828	PP90 TOP CLEAR R3200 INC-HF125	1000	1000	EU



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Space Sticker Sheet



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FLUORESCENTS

Available in a wealth of bold, bright colors, Avery Dennison fluorescent label materials for food industry applications are as versatile as they are functional, improving supply chain visibility, waste reduction and freshness labelling.

Used as inventory and warning labels, as well as eye-catching advertising and promotional labels, fluorescents demand attention. They not only communicate important data, such as use by dates that provide consumer confidence and safety, they also boost consumer impulse buying due to their immediate shelf impact. However you use them, our fluorescent facestocks provide excellent stability and durability in application.

Fluorescents, Dissolvable and Wash Away

Identify and Safeguard



DISSOLVABLES

When labels are removed from food containers before being washed, there's a good chance adhesive residue will be left on the container. Bacteria can grow on this residue, creating the possibility of cross-contamination. Avery Dennison dissolvable label materials are virtually residue-free, disintegrating in seconds when immersed in water. No residue means no bacteria growth. Because dissolvable labels don't need to be removed, they save on clean up time, making it possible for employees to spend more time on other tasks.

WASH AWAY

Fasson WR3000 is a water removable adhesive specially designed for re-usable containers. With Fasson WR3000 we have eliminated the critical problems associated with removing labels from re-usable containers. It allows labels to stay on firmly but can be easily and cleanly removed without leaving any sticky residue. Combining WR3000 with facestocks designed for tracking applications means that reusable containers such as crates, kegs, bins etc. can be tracked through the production process and have the label cleanly washed away ready for the next use.



Portfolio Components

ITEM	PRODUCT DESCRIPTION	MOQ (SQM)	DECKLE WIDTH (mm)	LOCATION
F45514.1500	Radiant Yellow /S2049/BG40WH N	500	Ready Width Program	AUS
F42510.1500	RadiantOrange/S2049/BG40WH N			
F44515.1500	Radiant RED/S2049/BG40WH N			
F43504.1500	Radiant Pink/S2049/BG40WH N			
F41512.1500	Radiant Green/S2049/BG40WH N			
AFA307	Thermal Top S8 WR3000 BG40 Brown	1000	1000mm x 1000m	AUS
15666	DISSOLV PPR S2600 40#SCK	1143	1143mm x 1000m	AUS
F53186.1500	DULL SILVER FOIL S2049 BG40WH N	750	750mm x 1000m	AUS
AO432	BRIGHT FOIL SILVER S2045N BG40BR	1000	1000mm x 1000m	EU
AO732	BRIGHT FOIL GOLD S2045N BG40BR	1000	1000mm x 1000m	EU

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PORTFOLIO COMPONENTS

- > Fluorescent Papers
- > Dissolvable Papers
- > Wash Away Paper

PORTFOLIO CHARACTERISTICS

- > Fluorescents are available in many bold colours
- > Dissolvables disintegrate in water in seconds with slight agitation
- > Wash away can be easily and cleanly removed without leaving any sticky residue

APPLICATION AND MARKETS

Fluorescents

- > Promotional Labels
- > Warning Labels

Dissolvable

- > Inventory Labels
- > Container Date Code Labels

Wash Away

- > Inventory Labels
- > Tracking Applications

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Our core commitment to sustainable packaging is to improve our own sustainability performance while helping our partners do the same.

Sustainable Solutions

Helping you and your customers reach environmental targets

Our sustainable portfolio is broad: from responsibly sourced products to solutions that help to re-use, reduce or recycle packaging waste. This range of materials help converters and brand owners to reach their sustainability targets and improve their environmental performance.

Reduce, Reuse, Recycle & Composting, Sustainable Sourcing



Reduce



Think Thin

Reduce material use and save on transport and storage with these thinner products. Avery Dennison has developed thinner papers, films and thermal printable labels that can improve your sustainability credentials and set products apart.



Greenprint

Developed by Avery Dennison, Greenprint is a life cycle assessment (LCA)-based tool designed to accelerate customer collaboration on sustainable products and solutions. It communicates a product's environmental impact across six categories, from material extraction, to processing by Avery Dennison, to end of life. This assessment can help you and your customers make more informed decisions.

Recycling and Compostable



CleanFlake™

Recycle labelled PET bottles more effectively, using standard facilities. Advances by Avery Dennison have levelled the playing field for PET recyclability and shelf-impact. Until now, there has been a trade-off between the two; however, the Avery Dennison CleanFlake™ portfolio is designed specifically for the PET (polyethylene terephthalate) recycling stream.



Compostable S9500

Use these solutions to create fully compostable packaging. The S9500 biodegradable range helps brand owners, retailers and converters meet growing consumer demand for responsible packaging. It also addresses anticipated legislative requirements on landfill and sustainable packaging.

Reuse



Wash-off

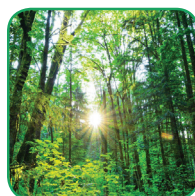
Re-use your bottles by easily detaching labels in a conventional washer. Wash-off labels help brand owners reduce the environmental impact of their products by maximizing recycling opportunities. Using an innovative duo-layer construction and a unique adhesive range, Fasson® Wash-off labels detach easily from glass in heated, fresh water baths resulting in a clean bottle for the recycling process.



Multicycle

Re-use beer and beverage containers, with film labels that withstand 30+ product life cycles. Avery Dennison MultiCycle™ is a patent pending new permanent self adhesive label solution that maximises impact on the shelf, brings a step-change in operational and logistical efficiency and delivers on increased packaging sustainability.

Sustainable Sourcing



FSC®

With over 500 FSC® constructions to select from, Avery Dennison offers the broadest range of FSC® certified products at price parity. Includes paper for food, wine, spirits and dairy applications, and also FSC® certified liners in combination with filmic facestocks.



Renewable and Bio-based

Avery Dennison offers various alternatives for customers seeking solutions based on responsible, renewable and bio-based materials: from PLA, to cane fiber paper and more.



Recycled Content

Avery Dennison has facestocks containing Post Consumer Waste paper collected from recycling facilities across Europe.

For more information on Sustainability

Please visit our website at http://label.averydennison.com.au/en_au/home/solutions/sustainability.html

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Biodegradable and Compostable Alternatives

The S9500 Adhesive Range of Products

Facestock and adhesive combinations that can be re-introduced into nature.

Compostable packaging is now required in many applications across all business segments. When moving to compostable materials, it is essential to retain high performance and productivity across all types of packaging.

The S9500 biodegradable range from Avery Dennison is extensive. It helps brand owners, retailers and converters meet growing consumer demand for sustainable packaging. It also addresses anticipated legislative requirements on landfill & sustainable packaging.

PORTFOLIO CHARACTERISTICS

- > The compostable adhesive S9500 carries the "OK Compost" certificate according to EN13432 regulations
- > Direct food contact approval for dry, non-fatty foods
- > Provides a sustainable advantage
- > Straightforward conversion using conventional printing techniques

APPLICATION AREAS

- > Product packaging that has to be both biodegradable and compostable
- > Various types of food for indirect application, direct labelling for dry foods, including fruit and vegetables
- > Beverages, especially on biodegradable bottles (e.g. PLA)
- > Healthcare and bio-cosmetics (e.g. on biodegradable packaging)



Portfolio Components

ITEM	PRODUCT DESCRIPTION	MOQ (SQM)	DECKLE WIDTH (mm)	LOCATION
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PAPERS

AM395	CANE FIBER PAPER WHITE S9500 BG45WH	1000	1000	EU
AO474	THERMAL ECO L10 FSC S9500 BG40WH	1000	1000	EU
AM234	MC PRIMECOAT FSC S9500 BG40WH	1000	1000	EU
AM242	TRANSFER VELLUM FSC S9500 BG40WH	1000	1000	EU

FILMS

AM581	NATUREFLEX WHITE S9500 BG40WH	1000	1000	EU
AO293	NATUREFLEX CLEAR S9500 BG40WH	1000	1000	EU
AV816	PLA CLEAR S9500 BG40WH	1000	1000	EU
AV800	PLA WHITE S9500 BG40WH	1000	1000	EU



A WIDE RANGE OF OPTIONS

Consumers are focusing more and more on healthy lifestyles and environmental protection – that's why Avery Dennison biodegradable products are already in widespread use at a Benelux retail chain.

The Avery Dennison biodegradable portfolio uses biodegradable and compostable adhesive S9500 in combination with a whole range of paper and biodegradable film facestocks.

Avery Dennison S9500 adhesive has been awarded the "OK Compost" certificate under the tracking code S259. This certificate implies that it is recognized as both biodegradable and compostable, and complies with EN13432, European Compostability Packaging Standards.

Facestocks in the biodegradable portfolio include uncoated and coated papers; wine-range papers and biodegradable films made from renewable sources (PLA and NatureFlex).

The paper facestocks in the biodegradable portfolio are from responsible sources: they are made with FSC certified pulp (FSC Mix Credit, chain-of-custody number: CU-COC-807907) or with PEFC certified pulp. (PEFC Certification number C807907PEFC-01.2007).

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Designed to Protect

Tamper-evident Security Labels by Avery Dennison

Increased awareness among end users about security issues and increased legislation are generating greater demand for tamper-evident seals. End-users want products to resist tampering at all stages in the supply chain.

The Avery Dennison tamper-evident range includes destructive papers, destructive films and void materials that meet a wide range of protection requirements.

FAST FACTS

- > European Law Directive 2011/62/EU is enforcing tamper-evident packaging features for pharmaceutical products
- > Sales of empty packaging or substituted products are increasing
- > Tamper-evident labels are often combined with security features

PORTFOLIO CHARACTERISTICS

- > Destructive Papers
- > Destructive Films
- > Void materials

APPLICATION AREAS

The main application of these products is to indicate the premature opening of:

- > Perishable food products
- > Electronic components
- > Pharmaceutical packaging
- > Envelopes of classified documents
- > Packaging of high value retail items such as:
 - CDs/ DVDs, Software and Mobile phones
 - Printing and Converting



Portfolio Components

ITEM	PRODUCT DESCRIPTION	MOQ (SQM)	LOCATION
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DESTRUCTIBLE FILMS

AU380	SHARP TEAR CLEAR S4700 INC-BG40WH	2000	EU
AU381	SHARP TEAR WHITE S4700 INC-BG40WH	2000	EU
AA717	FOAMTAC II S2000N-BG40WH	1000	EU
AE546	ACETATE CLEAR S692N-BG40BR	1000	EU
AI881	PE HD TAMPEREVIDENT WH S3100-BG45WH	500	EU
AD132	PET36 TOP CLEAR S700-BG45WH BSS	500	EU
AM379	PE HD TE OPQ S700-BG45WH	1000	EU
AN778	PVC MATTE WHITE UD S2000N-BG50WH	1000	EU
AF765	PVC MATTE WHITE UD S690-BG50WH	500	EU

VOID

AI493	VOID CHECKERBOARD S697-BG45WH	500	EU
AA973	ZZ VOID PET50 MATTE SILV S697-BG45WH	250	EU
AB596	VOID PET50 CLEAR S697-BG45WH	500	EU
AB048	PETVOID CHECK MATTE CHR S8015-BG42WH	300	EU
AG192	ZZ VOID PET MATTE WHITE S697-BG45WH	500	EU
AB176	VOID PET50 WHITE S697-BG45WH	500	EU
AI307	FLEXSECURE HOLOGRAPHIC	158	EU
AC941	FLEXSECURE SILVER	200	EU



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Avery Dennison Fiber Tracker

Compliant with Proofitag™ Authentication Solution

Consumers can now authenticate products in-store with their smartphone.

Counterfeited products account for 5-7% of all world trade. Brand owners in almost every manufacturing segment are looking for effective and dependable ways to protect their reputation and their customers.

Fiber Tracker is a security solution that ensures the uniqueness of each label, providing an individual and visible fingerprint for authentication. Fiber Tracker label verification is easy using a smartphone and Proofitag™ authentication technology.


PORTFOLIO CHARACTERISTICS

- > A combination of fiber pattern and data matrix makes every label unique
- > Easy verification by consumers; no other tool than a smart phone is needed
- > Proofitag™ is the technology provider
- > Tamper evident feature

APPLICATION AREAS

Fiber Tracker can be applied in all market segments affected by counterfeiting, for example:

- > Pharmaceutical
- > Wine & Spirits
- > Consumer Electronics
- > Food
- > Cosmetic

Converting & Serialisation		Recording	Certification	Authentication
Label converting	Printing of the serialized references		Application & activation	Authentication



Portfolio Components

ITEM	PRODUCT DESCRIPTION	MOQ (SQM)	SERVICE
AW455	FIBERTRACKER 65-S701-BG45WH	1500	7 business days



- > Fiber chaometrics; a unique identifier
- > Visible and non-repeating pattern
- > Analogue, not digital
- > Impossible to replicate
- > Photographed and uploaded



- > Datamatrix or QR code
- > Unique alphanumeric code
- > Digitally printed
- > Permits reading with smart device
- > Compliant with FCTC protocol



- > Unique combination of fiber pattern and QR-code
- > Easy to understand and verify
- > Low cost concept
- > Additional features can be added

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Anti-counterfeit Labels

Building the right security level for your brand

Anti-counterfeiting solutions are hard-to-copy features, integrated with labels, that enable authorities and/or consumers to tell between an authentic product and a counterfeit one. They can be combined with tamper-evident features to meet any required security level.

The need to protect products against counterfeiting is present in numerous segments ranging from pharmaceuticals, spare parts and electronics, food, wine and spirits to high-end cosmetics.

Protect any brand with **standard or customised** anti-counterfeit solutions from Avery Dennison.



The Avery Dennison range of Anti-counterfeit labels includes, but is not limited to, the following:

SECURITY HOLOGRAMS

Micro-embossed metallised papers or films with 2D/3D holographic diffraction patterns. Can be registered with the Industrial Hologram Manufacturers Association (IHMA) database for further security.

SECURITY PAPERS

OBA-free (Optical Brightening Agent) papers with/without fibres (visible or UV luminescent). It is possible to integrate customised fibres, watermarks and threads into the label material. Suitable for official documents that require authentication.

SECURITY THREADS

Threads made of film material can be inserted into the label, visibly or covertly. They can be customised with messages, fluorescent print coatings or holographs.

ADVANCED PRINT IN LAMINATES

UV and customised text print in various colours and designs can be integrated into the label material both on the front and on the back of the construction.

IR TAGGANTS

These are special additives in label materials that can be detected with special IR readers.

Different products require different types of protection. Contact our Select Solutions experts to learn more about the available features and to select the right security solution.

The appropriate choice depends on:

1. Understanding available security features
2. Knowing what level of security required
3. Determining which security solutions can complement available resources

Carefully assessing these factors will help manufacturers, packagers, label developers and printers incorporate multilayer security features into a secure strategy, ideal for protecting any brand at an optimal level.



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Pressure Sensitive Craft Beer Labels

Your bottles must speak for themselves



You Crafted Your Own Beer, Now Help It Stand Out on the Shelf with Pressure-sensitive Labelling

Increasingly crowded retail space and evolving consumer expectations present challenge and opportunity to the craft brewer: How to make a beer stand out, get noticed and get chosen.

Studies have shown consumers are more likely to purchase a product that “catches their eye” on the store shelf. This factor outweighs promotions, coupons, product recommendations and advertisements.

Successful craft brewers have realised that when it comes to driving sales, what’s on the bottle is as important as what’s in the bottle. They tap into a bit of psychology as old as humanity itself, using storytelling to give their brews a unique identity. And they’re focusing on labels, asking their graphic designers to push the artwork and design envelope with color, imagery, cuts (shape of the label itself), and even textures. No other label material can deliver this performance like pressure-sensitive.

Portfolio Components

ITEM	PRODUCT DESCRIPTION	MOQ (SQM)	DECKLE WIDTH (mm)	LOCATION
53665	Semi-Gloss WS/Z3338/1.2 Mil PET	1000	1524	US
53381	Maxflex™ Bright Silver/AT20/1.2 Mil PET	1000	1524	US
53330	60# Uncoated Paper Wet-Strength/Z3338/1.2 Mil PET	1000	1524	US
53112	70# Bright White Felt WS/S100RB/1.2 Mil PET	1000	1524	US
19650	Estate Label® No. 8 FSC/AT20N/1.2 PET	1000	1524	US
53243	70# Royal White/S100RB/1.2 Mil PET	1000	1524	US
16256	60# Black Vellum/S100RB/44#PK	500	762	US
53663	67# Brushed Platinum Wet-Strength/AT20/1.2 Mil PET	500	762	US
53662	128# Birch Wood/AT20N/1.2 Mil PET	1000	1372	US
53605	119# Cherry Wood/AT20N/1.2 Mil PET	1000	1372	US
53290	60# Verdi/AT20N/1.2 Mil PET	7000	1524	US
19742	70# Eggshell Felt Wet-Strength/S100RB/1.2 Mil PET	1000	1524	US
19298	60# Matte Litho Wet-Strength/AT20/44#PK	1000	1981	US
53328	Sparkling Asti/Z3338/1.2 Mil PET	1000	1524	US
79112	Crystal FasClear®/Z3300/1.2 Mil PET	2000	1524	US
78889	2 Mil BOPP Metallised/S7000/1.2 Mil PET	1000	1981	US
78997	2 Mil White BOPP TC/S7000/1.2 Mil PET	1000	1524	US
79022	2 Mil Clear BOPP TC/S7450/0.92 Mil PET	37000	1981	US

Craft Beer Label Adhesive Guidelines

Avery Dennison offers a range of adhesives to meet the application needs of the craft beer industry. For example, the Avery Dennison Z3338 and Z3300 adhesives are engineered to perform in heavy condensation environments, providing consistent label positioning and improved ice bucket and cold box performance.

Following are the adhesives best suited for labelling craft beer bottles under standard bottling room conditions. Please note, full label adhesion is usually reached 72 hours after bottles are labelled. Adhesion levels vary based on the type and thickness of the bottles' anti-scratch coating.

Adhesive	Long-Term Warm Water Removability	Short-Term Repositionability	Cold Labelling Conditions	Wet Label Conditions	Ice Bucket Test	Neck Labels	Bottle Coatings	Paper/Film Facestocks
S100R Permanent emulsion acrylic adhesive	Excellent	N/R	Good	Good	Pass	Fair	All	Paper Only
AT20 (N) All-temperature emulsion acrylic adhesive	N/R	Good	Good	Good	Pass	Good	All	Best w/ Paper
Z3300 Crystal clear permanent emulsion acrylic adhesive	N/R	N/R	Excellent	Excellent	Excellent	Excellent	All	Best w/ Film
Z3338 All-temperature emulsion acrylic adhesive	N/R	N/R	Excellent	Excellent	Excellent	Fair	All	Paper Only
S246 Permanent rubber-based hot melt adhesive	N/R	N/R	N/R	N/R	Pass	Excellent	All	Best w/ Paper
S7000 Crystal-clear permanent emulsion acrylic adhesive	N/R	Good	Good	Excellent	Pass	Excellent	All	Film Only
S7450 Crystal-clear permanent emulsion acrylic adhesive	N/R	Good	Good	Excellent	Pass	Excellent	All	Film Only

For more information on technical performance and printing recommendations, please refer to the respective datasheets.

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Pharmaceutical Portfolio

Tested. Proven. Consistent. Compliant.



Grow your business with the Customer-Ready™ Pharmaceutical Portfolio

A comprehensive approach to core pharmaceutical labelling.

Defined Offering Designed to Meet Your Needs.

The Customer-Ready Pharmaceutical portfolio helps converters and contract packagers grow their business by providing brand owners easy to identify solutions for their labelling needs. Offering compliant, high-quality constructions, our dedicated portfolio of key paper and film products, offers you tailored options for a variety of applications.

The portfolio provides:

- Easier way to understand and introduce pharmaceutical labelling solutions
- Improved range of products addressing simple to complex application needs
- Shorter time to market with use of pre-tested constructions
- Increased brand owner familiarity

Tested. Proven. Consistent. Compliant.

Our Customer-Ready Pharmaceutical portfolio reflects the experience and expertise of a company you know and trust for consistent and compliant pharmaceutical labelling solutions. Independent testing of our Customer-Ready products offers an added layer of security, lessening the chances for issues such as contamination and recalls that are a constant source of concern for the pharmaceutical industry. What's more, these products are suited to work effectively in multiple applications, including:

- Ophthalmic
- Small diameter syringe, vial and ampoule labelling
- Ethical, generic and over-the-counter drug delivery
- Solutions that enable extended content labelling

A Partnership Approach.

Take full advantage of our Customer-Ready Portfolio and the Avery Dennison team to grow your pharmaceutical labelling business. Our global pharmaceutical team – including adhesive research experts, technical specialists and market professionals – can readily recommend a Customer-Ready product or create a new, innovative solution to fit your application requirements.

Paper Overview

Customer-Ready Pharmaceutical Portfolio

Paper Facestock Descriptions

Pharma Cast Gloss+	Cast-coated, uncalendered paper featuring superior gloss, high strength and excellent print quality.
Pharma High-Gloss	Coated, calendered paper offering superior gloss, high strength and high-quality printing.
Pharma Semi-Gloss NEW	Coated, super-calendered paper with moderate gloss, high strength, and high-quality printability. This facestock offers a marked reduction in the occurrence of surface contamination compared to traditional semi-gloss.
Lightweight Pharma Litho	Matte-coated, calendered paper providing superior flexibility and good printability. Recommended for tight mandrel applications (<1/4" substrate diameter).

Paper Facestock Characteristics

Paper Type	Basis Weight	Caliper	Print Resolution	Date Stamping	Smoothness	Flexibility	Opacity	Gloss
	lbs/ream (Ream = 500 25" x 38" sheets)	Thickness in Mils (1Mil = 1/1000 inch)						
Pharma Cast Gloss+	60	3.5	Excellent	Excellent	Excellent	Good	Excellent	Excellent
Pharma High-Gloss	60	2.9	Excellent	Excellent	Excellent	Good	Good	Excellent
Pharma Semi-Gloss NEW	60	3.1	Excellent	Excellent	Excellent	Good	Good	Good
Lightweight Pharma Litho	40	2.8	Good	Good	Good	Excellent	Good	Not Recommended

Excellent
Good
Not Recommended







































Adhesives for Paper Components

Adhesive Descriptions

S727	High-performance, permanent solvent acrylic adhesive ideal for tight mandrel labeling. Widely used in applications requiring sterilization. Ideal for critical pharmaceutical applications requiring an extended component change notification commitment.
S717P	High-performance, permanent emulsion acrylic adhesive ideal for tight mandrel labeling. Widely used in applications requiring sterilization. Ideal for critical pharmaceutical applications requiring an extended component change notification commitment.
S692NP	General-purpose, permanent emulsion acrylic adhesive with good adhesion to low-energy substrates (e.g. squeezable containers). Often used in applications requiring sterilization. Ideal for consumer health care applications requiring a moderate component change notification commitment.
S246	General-purpose, permanent hot melt adhesive featuring high initial tack and ultimate adhesion. Ideal for consumer health care applications requiring a minimum component change notification commitment.

Typical Adhesive Performance Characteristics (with Paper Facestocks)*

Adhesive	Minimum Application Temperature	Service Temperature Range	Application	Adhesive Change Notification Commitment (Months)	Sterilization*			Adhesion*			Small Diameter (1/4 inch)*		
					Autoclave	ETO	Gamma	Glass	PE	PP	Glass	PE	PP
S727	+50° F	-65° F to +250° F	Ethical Drugs & Medical Devices	12									
S717P	+50° F	-65° F to +250° F	Ethical Drugs & Medical Devices	12									
S692NP	+23° F	-20° F to +200° F	Consumer Healthcare	6									
S246	+40° F	-65° F to +160° F	Consumer Healthcare	3									

*Application-specific testing required.



Recommended



Product dependent/testing recommended



Not Recommended

Paper Overview

Customer-Ready Pharmaceutical Portfolio

Paper Specs

Application	Facestock	Spec#	Adhesive	Liner	Recommended for Tight Mandrel
Ethical Drugs & Medical Devices	Pharma Cast Gloss+	07609	S727	40#SCK	
		07610	S727	ULTRALINER	
		07612	S727	50#SCK	
		07641	S727	1.5 Mil PET	
		53279	S717P	40#SCK	
		53280	S717P	50#SCK	
		53281	S717P	ULTRALINER	
		53286	S717P	1.5 Mil PET	
	Pharma High-Gloss	08222	S727	50#SCK	
		53169	S727	ULTRALINER	
		53283	S717P	40#SCK	
		53284	S717P	ULTRALINER	
	Pharma Semi-Gloss New	53409	S727	40#SCK	
		53412	S727	1.5 Mil PET	
		53411	S727	50#SCK	
		53410	S727	ULTRALINER	
		53349	S717P	40#SCK	
	Lightweight Pharma Litho	07944	S727	40#SCK (ABC)	✓
		07945	S727	50#SCK (ABC)	✓
		07948	S727	ULTRALINER	✓
		08809	S727	1.5 Mil PET	✓
		74701	S727	40# (NO ABC)	✓
		53282	S717P	ULTRALINER	✓
		53285	S717P	40#SCK	✓
		53343	S717P	1.2 Mil PET	✓
Consumer Healthcare	Pharma Cast Gloss+	07601	S246	40#CK	
		14474 (splice-free)	S246	40#CK	
		19161	S246	1.2 Mil PET	
		07806	S246	ULTRALINER	
	Pharma Semi-Gloss New	53350	S246	40#SCK	
		53407	S246	44#PK	
		53408	S246	1.5 Mil PET	

US stocked, A4 and roll samples available upon request.





Film Overview

Customer-Ready Pharmaceutical Portfolio

Film Facestock Descriptions

Primax® 350 White	Flexible, white opaque polyolefin film featuring excellent conformability for full-squeeze applications. Offers excellent print quality, dispensability and dimensional stability.
FasClear® 350 Clear	Flexible, matte clear polyolefin film offering excellent conformability for full-squeeze applications. Offers excellent print quality, dispensability and dimensional stability.
2.6 Mil White BOPP TC	Rigid, pearlized white biaxially-oriented polypropylene film with good conformability and high print quality. Cost-saving alternative to polyester.
2.0 Mil Clear BOPP TC	Rigid, ultra-clear, biaxially-oriented polypropylene film with good conformability and high print quality. Cost-saving alternative to polyester.
1.5 Mil Reveal PET	Rigid, ultra-clear, polyester film with good conformability and excellent durability.

Film Facestock Characteristics

Film Type		Caliper	Print Registration	Die Cutting	Dispensing	Conformability	Clarity	Gloss
		Thickness in Mils (1Mil = 1/1000 inch)						
Conformable	Primax® 350 White	0.0035 inches						TBD
	FasClear® 350 Clear	0.0035 inches						TBD
Rigid	2.6 Mil White BOPP TC	0.0026 inches						TBD
	2.0 Mil Clear BOPP TC	0.0020 inches						TBD
	1.5 Mil Reveal PET	0.00142 inches						TBD



Excellent



Good



Not Recommended

Film Overview




























Customer-Ready Pharmaceutical Portfolio

Adhesives for Film Components

Adhesive Descriptions

S727	High-performance, permanent solvent acrylic adhesive ideal for tight mandrel labeling. Widely used in applications requiring sterilization. Ideal for critical pharmaceutical applications requiring an extended component change notification commitment.
S717P	High-performance, permanent emulsion acrylic adhesive ideal for tight mandrel labeling. Widely used in applications requiring sterilization. Ideal for critical pharmaceutical applications requiring an extended component change notification commitment.
S692NP	General-purpose, permanent emulsion acrylic adhesive with excellent adhesion to low-energy substrates (e.g. squeezable containers). Often used in applications requiring sterilization. Ideal for consumer health care applications requiring a moderate component change notification commitment.

Typical Adhesive Performance Characteristics (with Film Facestocks)*

Adhesive	Minimum Application Temperature	Service Temperature Range	Application	Adhesive Change Notification Commitment (Months)	Sterilization*			Adhesion*			Small Diameter (1/4 inch)*		
					Autoclave	ETO	Gamma	Glass	PE	PP	Glass	PE	PP
S727	+50° F	-65° F to +250° F	Ethical Drugs & Medical Devices	12									
S717P	+50° F	-65° F to +250° F	Ethical Drugs & Medical Devices	12									
S692NP	+23° F	-20° F to +200° F	Consumer Healthcare	6									

*Application-specific testing required.



Recommended



Product dependent/testing recommended



Not Recommended

Film Specs

Application	Facestock	Spec#	Adhesive	Liner	Recommended for Tight Mandrel
Ethical Drugs & Medical Devices	Primax® 350	79063	S727	1.2 Mil PET	✓
		79064	S727	40#BG	✓
		79043	S717P	1.2 Mil PET	✓
		79044	S717P	40#BG	✓
	FasClear® 350	79065	S727	1.2 Mil PET	✓
		79066	S727	40#BG	✓
		79045	S717P	1.2 Mil PET	✓
		79046	S717P	40#BG	✓
	2.6 Mil White BOPP TC	79059	S727	1.2 Mil PET	✓
		79060	S727	40#BG	✓
		79039	S717P	1.2 Mil PET	✓
		79040	S717P	40#BG	✓
	2 Mil Clear BOPP TC	79061	S727	1.2 Mil PET	✓
		79062	S727	40#BG	✓
		79041	S717P	1.2 Mil PET	✓
		79042	S717P	40#BG	✓
	1.5 Mil Reveal PET	79067	S727	1.2 Mil PET	
		79068	S727	40#BG	
		79047	S717P	1.2 Mil PET	
		79048	S717P	40#BG	
Consumer Healthcare	Primax® 350	79053	S692NP	1.2 Mil PET	
		79054	S692NP	40#BG	
	FasClear® 350	79055	S692NP	1.2 Mil PET	
		79056	S692NP	40#BG	
	2.6 Mil White BOPP TC	79049	S692NP	1.2 Mil PET	
		79050	S692NP	40#BG	
	2 Mil Clear BOPP TC	79051	S692NP	1.2 Mil PET	
		79052	S692NP	40#BG	
	1.5 Mil Reveal PET	79057	S692NP	1.2 Mil PET	
		79058	S692NP	40#BG	

US stocked, A4 and roll samples available upon request.



All comparisons are believed to be reliable and accurate. However, the furnishing of such information and comparisons is for reference purposes only and does not constitute a warranty of any kind. Actual product performance should always be tested for fitness-for-use.

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Chemical Drum Labels That Withstand Extreme Conditions

Versatile. Durable. Proven.

Avery Dennison drum label materials can handle heat, cold, rain, snow and salt water. They offer consistent printability and readability over the life of the drum, throughout all climate or environmental changes.

Drum labels are typically large, and Avery Dennison materials are designed to perform well when applied by hand. They have high dimensional stability, and can meet BS5609 Marine Test standards for seawater resistance and durability. Grades are available for UV Flexo, Thermal Transfer and Laser printing. A new grade is also available suitable for water based inkjet printing, which facilitates GHS compliance for smaller quantities and on-location printing.

PORTFOLIO CHARACTERISTICS

- > Matte coated filmic grades for superior performance
- > Large and small labels
- > Special polyethylene and polypropylene grades for laser applications
- > Special grade for water based inkjet

APPLICATION AREAS

- > Chemical drums and containers
- > Point-of-use labels printed on-site at manufacturing and shipping locations
- > Labels that need to withstand extreme conditions



Portfolio Components

ITEM	PRODUCT DESCRIPTION	MOQ (SQM)	DECKLE WIDTH (mm)	LOCATION
F50150.100	DATA PE80 CD303 BG40WN	500	1000	AUS
9171.1060	DATA FLEX CD303 B100	1060	1060	AUS
AF207	TUFF-S445N-BG40BR	1000	1000	EU
AN025	TRANSFER PEHD105 - S2045N-BG40BR	1000	1000	EU
AM664	TRANSFER PEHD105 - S445N-BG40BR	1000	1000	EU
AA225	TRANSFER PEHD90 - S445N-BG40BR	1000	1000	EU
AO554	TRANSFER PP70 MT WH- S2045N-BG40WH	2000	1000	EU
AB655	CO-EX100-S445N-BG45WH	1000	1000	EU
AC238	PE LASER MATTE WHITE - E400 - HF80	1400	1000	EU
AA745	LASERCOPY PP100 MT WH - S3100 - HF120	1000	1000	EU
AZ089	DIG WBIJ PE127 MT WH - S4600 - 50#SCK	750	1000	EU



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Contact your local Avery Dennison sales representative for A4 or roll sample availability to facilitate pre-testing in your specific application.



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Lubricant and Oil Can Labelling

High performance labels for challenging applications

Lubricant and oil cans pose major labelling challenges. Ingredients are oily, aggressive and possibly hazardous, and container surfaces can make adhesion difficult. Furthermore, the oil-filling process takes place at elevated temperatures, which makes the containers expand and contract. This hot-filling process puts strain on the label material, and pleads and bubbles must be avoided at all times for optimal brand appeal.

The dedicated Avery Dennison adhesives S277 and S477 perform well under the most demanding labelling conditions. They cope with rough, smooth, HDPE or metal surfaces, and they are able to resist very significant environmental pressures. Where labels are applied straight after blow moulding of the container, our well-known S277 is suggested. For situations where labels are applied on the filling line of the oil brand, S477 can meet the challenge.

Avery Dennison oil can labels meet the additional challenge of high shelf appeal, thanks to a wide variety of gloss or silver face stocks, and they also ensure reliable automatic application.

FAST FACTS

- > Labels are often applied immediately after production of the containers, or on the filling lines
- > Adhesives must cope easily with low energy surfaces and changes in container shape
- > Shelf appeal is a priority

APPLICATION AREAS

- > Lubricant bottles
- > Oil cans



Portfolio Components

ITEM	PRODUCT DESCRIPTION	MOQ (SQM)	DECKLE WIDTH (mm)	LOCATION
AF170	PE100 WHITE S277-BG45WH IMP	1000	1000	EU
AF172	PE100 TOP WHITE S277-BG45WH IMP	2000	1000	EU
AD385	PRIMAX PLUS S277-BG45WH IMP	1000	1000	EU
AF174	PVC WHITE S277-BG45WH IMP	1000	1000	EU
AA684	PP TOP WHITE S277-BG45WH	1000	1000	EU
AS844	DIG INDI PE85 TOP WHITE S277-BG45WH	1000	1000	EU
AV720	PP TOP WHITE-S477-BG40WH	1000	1000	EU
AU477	PE100 WHITE-S477-BG40WH	1000	1000	EU
BB697	PE100 TOP WHITE-S477-BG40WH IMP	2000	1000	EU
AV723	PP LIGHT TOP SILVER-S477-BG40WH	1000	1000	EU

Products comply with the BS5609 II Marine Test. Avery Dennison materials are used widely in the lubricant brand market, and are qualified by the major brands.



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Tyre Labelling Solutions

Productive and reliable materials for tread labels and vulcanising labels

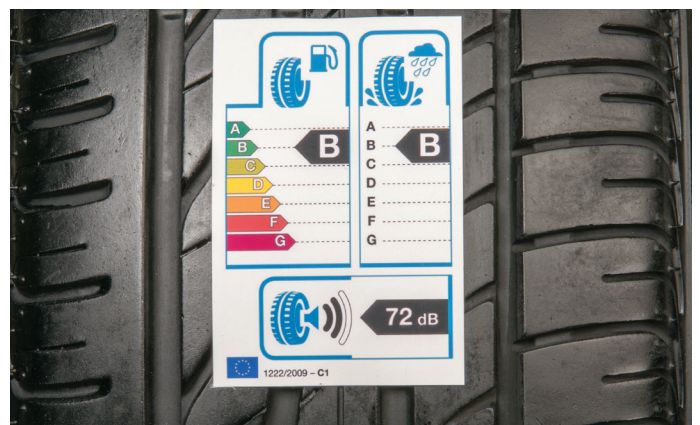
Tyres present unique labelling challenges for brands and label converters alike, whether creating marketing or product identification labels. A rough, low energy surface makes specialist labelling technology essential. Missing labels mean lost profits and a tyre often has to withstand very heavy handling/storage challenges long before it ever makes its way on to a car wheel.

Both brand labels and energy labels are now a standard requirement, with the latter now compulsory in the EU (since November 2012).

Avery Dennison offers the high performance labelling materials needed to make sure that labels look good and stay in position, whether applied to the tread or vulcanised along with the tyre. Extensive segment experience means we can ensure that productivity remains high throughout, from the conventional print converting phase all the way through to thermal transfer printing by end-users.

PORTFOLIO CHARACTERISTICS

- > Excellent heat and abrasion resistance for vulcanised labels
- > Excellent thermal transfer printability where required
- > Rubber-friendly higher adhesive coat weights
- > Production-friendly gum patterns to eliminate bleeding
- > Application specific coat weights (winter/summer, hairy/shaven)
- > Special silicone systems for easy automatic dispensing
- > Back-side siliconisation option to avoid labels sticking to liner





Portfolio Components

ITEM	PRODUCT DESCRIPTION	MOQ (SQM)	DECKLE WIDTH (mm)	LOCATION
F52509.1500	TYRE LABEL S2059 BG40WH N	500	1500	AUS
AA875	FASSON TYRE PLUS / TS79 / BG50WH IMP	1000	1000	EU
Depends on SGP	PP NG TOP WHITE / TS8000 SGP / BG45WH IMP	1000	1000	EU
Depends on SGP	PP TYRE 55 TOP WHITE / TS8000 SGP / BG45WH IMP	1000	1000	EU
Depends on SGP	PP TYRE 60 TOP WHITE / TS8000 SGP / BG45WH IMP	1000	1000	EU
Depends on SGP	PP LIGHT TOP SILVER / TS8000 SGP / BG45WH	1000	1000	EU
Depends on SGP	THERMAL TOP S8 / TS8005 SGP / BG45-50WH IMP	1000	1000	EU

VULCANISATION

AS072	PET125 WHITE TOP HR- TS8017 - PET30	1000	1000	EU
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Make it Easy To Choose the Right Removable for the Job.

The Avery Dennison Select Solutions Removables portfolio is a convenient tool designed to simplify the often-confusing world of removable labeling. The portfolio offers:

- A proven core of robust, multipurpose products that address a range of application needs from simple to complex
- Using our detailed adhesive performance charts, an easier way to select the proper label construction for your application
- Separate paper and film featuring solutions developed for a variety of performance requirements
- Cost-effective, application-based solutions with shorter time to market, due to regional service programs, minimum order quantities as low as 540 msi and fast quotes

Broad Selection of Purpose-Built Removables

You can depend on our Removables portfolio to deliver a breadth of technologies that can position you to move into new markets with confidence. Suited for an array of applications, the portfolio provides targeted solutions with stable tack across the label's lifespan, clean removal and the substrate versatility you need.

Removables Portfolio

Taking the Time and Complexity Out of Removable Labelling

Partnership Approach

Take advantage of the Select Solutions Removables portfolio and the Avery Dennison team to grow your removables business. Our global team – including adhesive research experts, technical specialists and market professionals – can readily suggest a product to meet your application needs. If a product does not exist, our engineered solutions team can create a specialised solution just for you and your customer - expanding your breadth of products and offering the right custom solution.

Removable Adhesives for Paper Components

R5000/N	General applications, food labelling, barcoding and price labelling.
R100	General applications. Excellent low temperature and deep freeze performance.
LR2N	Small office and home office applications. Specially formulated for zero bleed with hot fuse technology.

Removable Adhesives for Film Components

SR2	Allows label application at a wide temperature range. Offers clean, medium term removability. Delivers good UV resistance.
UVR145	Wet reclosure, outdoor use. Excellent chemical resistance.

Portfolio Components

	ITEM	PRODUCT DESCRIPTION	WIDTH x LENGTH (mm/m)	MOQ (SQM)	SERVICE	LOCATION
Paper	F10966.1200	SGW R5000 BG40WH N	1200/1000	1200	Next Day Dispatch	AUS
	AA1450	HGW PREMIUM R100 BG40BR	1000/1000	1000	Next Day Dispatch	AUS
	F21731.1200	SUPER VELLUM R5000 BG40WH N	1200/1000	1200	Next Day Dispatch	AUS
	AO3846	VELLUM EXTRA R100 BG40BR	1000/1000	1000	Next Day Dispatch	AUS
	AS492.210	LCJ PREMIUM FSC LR2N HF55	210/3000	3150	Next Day Dispatch	AUS
	AS492.222	LCJ PREMIUM FSC LR2N HF55	222/3000	666	Next Day Dispatch	AUS
Film	F64528.1200	PRIMAX 300 SR2 BG40WH N	Ready Width	500	Next Day Dispatch	AUS
	AF435	PRIMAX I UVR145 BG45WH	1000/1000	1000	Next Day Dispatch	AUS
	F62404.1500	OPALUX 80N SR2 BG40WH N	Ready Width	500	Next Day Dispatch	AUS
	F5418.1200	POLYGLASS TOP SR2 BG40WH N	Ready Width	500	Next Day Dispatch	AUS
	F71588.1200	POLYTHERMAL PLUS SR2 BG40WH N	1200/1000	1200	Next Day Dispatch	AUS
	F31200.1200	SUPALUX SR2 BG40WH N	Ready Width	500	Next Day Dispatch	AUS

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Multi-layer Label Constructions

Piggyback Portfolio

For sheer flexibility, operational time savings and brand impact, piggyback labelling is a hard technology to match. The Avery Dennison range enables a whole spectrum of applications, from a simple shipping label through to highly decorative promotional features.

Smart Multi-layer Constructions

Piggyback labels are multi-layer constructions featuring one self-adhesive label on top of another. The top label is removable and can be reapplied elsewhere, while the bottom label is stationary, remaining affixed to the original surface. Dynamic and versatile, piggyback labels can be created in constructions that adhere to paper, plastics, cardboard and metals, and standard products are compatible with using all conventional printing techniques.

PORTFOLIO CHARACTERISTICS

- > Multi-layer constructions with two adhesive layers and two release liners
- > Easy automatic dispensing
- > Wide variety of facestock materials and adhesives

APPLICATION AREAS

- > Shipping and tracking
- > Inventory management
- > Promotional labels (coupons)
- > Administration and healthcare



Portfolio Components

ITEM	PRODUCT DESCRIPTION	MOQ (SQM)	DECKLE WIDTH (mm)	LOCATION
F02553.1500	VELLUM PIGGYBACK S2045 BG40	18000	1500	AUS
AA286	PB MC PRIMECOAT-2XS2000N-BG40WH/BG40BR	1000	1000	EU
AM399	PB MC PRIMECOAT-2XS2045N-BG40WH/BG40BR	1000	1000	EU
AD272	PB MC PRIMECOAT-R5000N/S2000N-40WH/BR	1000	1000	EU
AA254	PB VELLUM EXTRA FSC-2XS2000N-BG40WH/BG40BR	1000	1000	EU
AF411	PB VELLUM EXTRA-2XS2045N-2XBG40BR	1000	1000	EU
AO167	PB THERM ECOF10 BPA FREE-2XS2000N-BG40WH/BG40BR	24000	1000	EU
AE422	PB THERMAL TOP S8 FSC-2XC2075N-BG40WH/BG40BR	1000	1000	EU
AA687	PB THERMAL TOP S8 FSC-2XS2000N-2XBG40BR	2000	1000	EU
AG603	PB THERMAL TOP S8 FSC-2XS2045N-BG40WH/BG40BR	1000	1000	EU
AC281	PB PE85 TOP MATTE WHITE-2XR5000N-2XBG40WH	1000	1000	EU
AH867	PB PE85 TOP WHITE-2XS692N-2XBG40BR	1000	1000	EU
AE036	PB PP NG TOP WHITE-2XS2045N-BG40WH/BG40BR	1000	1000	EU
AH971	PB PP TOP CLEAR-2XS692N-PET30/BG40WH	1000	1000	EU
AD168	PB PP TOP WHITE-2XS692N-2XBG40WH	1000	1000	EU
AH773	PB PRIMAX I-2XS692N-2XBG40WH	1000	1000	EU
AC622	PB TRANSFER PE HD-2XS2045N-2XBG40BR	1000	1000	EU
AO408	PB TRANSFER PE HD-2XS2060N-2XBG40BR	1000	1000	EU

CONVERSION AND DISPENSING FRIENDLY

Standard products can be printed using all conventional printing techniques. The Avery Dennison Mix and Match program also gives access to customised solutions, such as holographic or highly opaque labels. Different performance characteristics can be created as needed, for example with permanent or removable adhesives on the first or second layer.



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Digital Printing Solutions

Technologies for differentiation, cost efficiency, quality and sustainability

DIGITAL BENEFITS

Investment is growing rapidly in digital printing technology because the technology meets the needs of today's brand owners to improve on brand differentiation, production and supply chain efficiency, as well as sustainability credentials.

Digital printing helps brand owners to target higher sales through multi versioning and mass customisation; to create better communication with consumers by quick changeovers and variable information printing. Digital printing also realises lower costs because printing on demand dramatically reduces costs associated with inventory and revisions.

Four technologies for different facestocks:

Indigo, Xeikon, UV Inkjet and Water-based inkjet

In 2012, Avery Dennison became the first global preferred pressure-sensitive media partner for HP Indigo digital presses. Currently, the portfolio encompasses over **150 pre-optimised products, enabled by TC7214 Indigo Topcoat.**

The portfolio also offers specially developed digital label printing solutions for customers using **Xeikon 3000 digital presses** and inkjet technologies. **UV inkjet** and **water-based inkjet** platforms are fast developing and very exciting areas with changes and innovations coming out to the market every few months. Just as Avery Dennison pioneered HP Indigo materials, we are striving to lead the market again with our latest product solutions.



Portfolio Components

	ITEM	PRODUCT DESCRIPTION	WIDTH/ LENGTH (mm/m)	MOQ (SQM)	LOCATION
Digital	BW0220.330	PP80 WH DIG S692N BG40WH N	330/2000	1980	AUS
	DI2010.330	HIGH GLOSS PAPER ITC S1010 BG40WH IMP	330/2000	1980	AUS
Inkjet	OWS235.1070	GLOSS IJ PAPER AP103 BG40WH N	1070/500	535	AUS
	OZS200.1070	100UM IJ SYN PAPER AF101 BG40WH N	1070/500	535	AUS



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Durable Solutions

High-performance labels for durable applications

Durable goods face many different challenges over time. You need confidence that the label you choose will stay in place and also look good for as long as it takes.

Avery Dennison's cost-effective durables materials deliver high performance applications in cars, electrical appliances, electronics, tyres and beyond. You can safeguard essential product and security information, or create the visual impact needed for compelling point-of-sale labels.

A choice of many different adhesive technologies and facestocks lets you meet both technical and market-driven challenges more easily, whether designing cost-effective and straightforward applications or high-end speciality products. Avery Dennison can help you to choose a laminate that matches your own quality/image criteria, or the right removable product that will meet customer specifications and fully protect an underlying surface. We can also help you to meet strict automotive OEM specifications, and compliance standards such as UL969, CSA, IMDS among others.

PORTFOLIO CHARACTERISTICS

- > Broad portfolio meeting requirements from basic to high-end
- > Excellent service with low Minimum Order Quantities and short lead times
- > Locally provided technical support to select a fit-for-purpose label material

APPLICATION AREAS

- > Automotive
- > Electrical appliances
- > Electronics



Portfolio Components

ITEM	PRODUCT DESCRIPTION	WIDTH/LENGTH (mm/m)	LOCATION
MZ2000W	25Mic Matte White PI HTC/S8088S/BG50#	250/500	ASEAN
MZ2001W	25um Gloss White PI HTC/S8088S/BG50#	250/500	ASEAN
MZ2002W	50um Matte White PI HTC/S8088S/BG50#	250/500	ASEAN
MZ2003W	50um Gloss White PI HTC/S8088S/BG50#	250/500	ASEAN
MZ0363	50um White FR PET TCY/S8025/BG50#	1070/1000	ASEAN
MZ0369	125um White PET TC/TS8017/30mic PET ni	267/400	ASEAN
MZ0369A	125um White PET TC/TS8017/BG50#	267/400	ASEAN
MZ1067T	2MCLPETTC3/S8020/G80	1060/2000	ASEAN
41044	2M Matte Chrome PET TC/S730/50#SCK	1372/1000	ASEAN
40443	2M White PET TC/S730/50#SCK	1000/1000	ASEAN
70353	2M White PET TC/R143NC/50#SCK	1372/1000	ASEAN
72800	PRIMAX 350/R143/50#SCK	1372/1000	ASEAN
81127	2M White PET TC/R143NC/1.5M PET	1372/1000	ASEAN

* ASEAN stocked, please check with sales representative on forecast needed for large order or continuity business.



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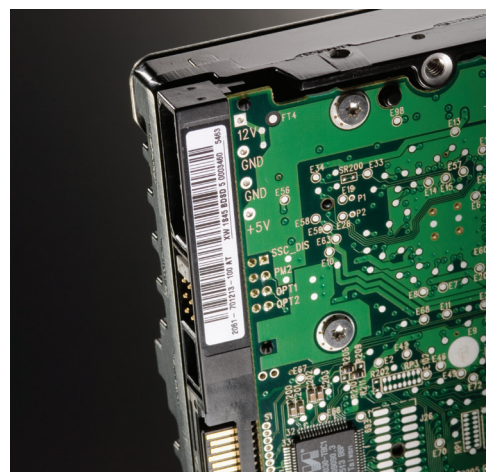
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Small Diameter Portfolio

Label materials designed for small circumference applications

Avery Dennison's Select Solutions Small Diameter portfolio has been designed to solve challenging applications in diverse markets. These constructions combine select, flexible facestocks with high-performance adhesives offering high initial tack and ultimate bond strength, resulting in excellent mandrel hold on overlap and closely positioned, leading edge/trailing edge labeling.

The portfolio features a wide variety of flexible papers and semi-conformable films of varying colors, stiffness and opacity to work with specific adhesives for consistent and reliable small diameter performance.

Please note: Label design and layout can work in conjunction with material performance to achieve optimum results. Testing is recommended as many factors will impact label performance, include facestock stiffness, ink and varnish coverage, and size of label overlap.

PORTFOLIO CHARACTERISTICS

- > Lightweight and semi-gloss papers
- > White, clear and metallised paper and film options
- > MDO and BOPP semi-conformable films
- > Film and paper liner options

APPLICATION AREAS

- > Cosmetics: lipsticks, lip glosses, eyeliners, eye shadow pencils, lip balms
- > Pens, pencils, markers

Portfolio Components

ITEM	PRODUCT DESCRIPTION	WIDTH/ LENGTH (mm/m)	MOQ (SQM)	LOCATION
F16502.1500	LW60 S2045 BG40	750/1000	750	AUS
53611	MaxFlex™ Bright Silver/S4600/40#SCK	1524/762	1162	US
53682	54# Semi-Gloss/S4600/40#SCK	1524/762	1162	US
75386	2 Mil Clear BOPP TC/S2001/1.5 Mil PET	EXACT™/3048	1000	US
18890	Scrip Label/S9010N/46#LF	EXACT™/3048	1000	US
78714	3 Mil White MDO/S4600/1.2 Mil PET	1524/762	1162	US
77469	2.6 Mil White BOPP TC/S9050/40#SCK	1524/305	500	US
77487	2 Mil Clear BOPP TC/S9050/50# SCK	1524/305	500	US
77717	2 Mil Metallized BOPP TC/S9050/40#BG	1524/305	500	US



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Mix & Match™

Customise. Innovate. Differentiate.

The Select Solutions Mix & Match Service leverages Avery Dennison's expertise in helping customers find the right labelling solutions for their specific application needs, including specialty and challenging label constructions.

Thousands of Possible Combinations

Many different face materials, adhesives and liners are available from stock under Avery Dennison's Mix & Match Service, with a low minimum order quantity (MOQ) and fast shipping. Extensive customisation is possible to achieve high performance and very sophisticated labelling materials, including all of the following:

- Piggybacks (multi-layer constructions)
- Special gum pattern
- Transfer Tapes
- Gum twins
- Back splits
- Varying opacity in different colours
- Adhesive luminescence
- Custom coating

Note that if none of the thousands of possible Mix & Match combinations meet your requirements, Avery Dennison can work closely with you to find and produce the right engineered solution.

Portfolio Characteristics

- Custom facestock, adhesive and liner combinations on request
- Access to thousands of potential laminates, piggybacks, gum patterns and much more
- All adhesive technologies: emulsion, hotmelt, UV-hotmelt, solvent
- Low MOQs and short lead times

Application Areas

Primary, enhanced and premium Avery Dennison laminates already cover a vast range of potential applications. The Mix & Match service is designed for those projects that need a little bit extra - very specific label properties that may not be available off the shelf.

Mix & Match allows label converters to request a precise combination of adhesive, face-material and release liner. It opens up whole new opportunities to innovate and differentiate. As with all Avery Dennison products, extensive support comes as standard, for printers, converters, packers and end-users. A technical specialist can help to determine which existing or tailor made product is the optimal solution for any given application.



Customise, innovate, differentiate: Mix & Match

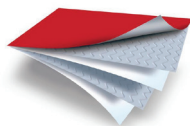
Our product offering

Special Gum Patterns (SGP)

Ungummed zones can be specified to match your needs. Depending on the adhesive required, a special gum pattern can sometimes be offered on a two-metre coating width.

Piggybacks (PB)

Standard piggyback constructions use a printable facestock (paper or film), two adhesive layers and two layers of siliconised release liners, using different release levels to ensure proper dispensing. More than two layers can be created where the application demands it. See also the Piggyback Product Overview for more information on our standard Piggyback product range.



Transfer Tapes (TT)

Transfer tape constructions use two release liners with an adhesive in between. Typically used to make your own laminates or self-adhesive label.



Gum Twin (GT)

Typical gum twin constructions have a carrier in the middle, with two adhesive layers and release liners at front and back. Highly sophisticated labels are possible and typical applications include the following:

- large or stiff self-adhesive products
- self-adhesive photos
- promotional applications such as detachable game cards (with permanent adhesive on a brochure, letter or product and removable adhesive on the game card)



In the case of a more specific request, an Avery Dennison technical specialist can help you to determine which existing or tailor made product will be the optimal solution for your needs.

Select Solutions Experts. Across-the-board Help.

You can count on Avery Dennison experts to help you find the products and solutions that work for you and your customers. From sales representatives to technical support experts, the Avery Dennison team is dedicated to making your next application a success. Our people are there for you, helping with scale-up, converting, application troubleshooting and employee training. We'll put the industry's most comprehensive offering of facestocks, adhesives and liners to work for you in the shortest possible time.

Are we missing a construction you need? Ask about our Select Solutions Engineered Solutions

Let us know. Contact your application consultant or technical sales representative to discuss how we can meet your needs. We have a team of technical solutions leaders dedicated to developing engineered solutions that fit your timeline and your bottom line.



For more information on technical performance and printing recommendations, please refer to the respective datasheets.

Please note that the Avery Dennison product range and service offering can be subject to changes. For an accurate overview, please check our website label.averydennison.com.au or contact your local Avery Dennison sales representative.

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