

Avery Dennison® **Rapid-Roll®** Collection

Ready for the challenge

Tear-resistant films

Featuring fresh perspectives

on non-adhesive
materials

Low quantities

fast delivery and
flexible service



About us

Avery Dennison Label and Packaging Materials

Dear Customer,

We are pleased to share with you the first edition of our Rapid-Roll® catalogue, offering you fresh perspectives on how much non-adhesive products can achieve for your business.

The following pages contain the very latest details of product innovations and service programmes - all designed to meet your business needs and help you develop new opportunities.

Avery Dennison's Rapid-Roll® portfolio offers a vast range of products including thermal papers and cards, tear-resistant films, coated papers and cards, and self-wound films. Low Minimum Order Quantities (MOQs), fast delivery and flexible service are all in place to help you respond to customers quickly and enable lean production runs.

This catalogue is a selection from a much wider range of options. Our dedicated Rapid-Roll® team is always available to explain the features of existing products, or to help you source products we do not have in our portfolio at present.

If you would like to learn more about any of the materials featured in the following pages – or if you have feedback to share with us – please contact your sales representative or visit label.averydennison.eu/rapidroll.

We sincerely hope that this catalogue will inspire you to explore new business opportunities. We are convinced that our broad portfolio of non-adhesive solutions and related services holds an opportunity for you to grow your business.

Best regards,

Avery Dennison
Label and Packaging Materials

Avery Dennison Label and Packaging Materials

Avery Dennison Label and Packaging Materials (LPM) offers self-adhesive and non-adhesive products for virtually any application. We combine creative expertise and engineering with best-in-class automation techniques - and our technical support specialists help converters across Europe to enhance many of the world's most successful brands.



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Avery Dennison® Rapid-Roll®

The non-adhesive business prospects

It is natural for any narrow web label converter to focus on self-adhesive materials. What you may not know is that around 5-10% of all narrow-web business currently involves non-adhesive products. If you are not working in areas outside of conventional packaging, you may be missing important business opportunities.



A one-stop shop for all labelling needs

Rapid-Roll® complements the self-adhesive ranges available from Avery Dennison, allowing you to order non-adhesive label stock from the same trusted source. The portfolio includes over 240 different materials, to suit every client and application. In addition to 'standard' options such as cardboards, films and siliconized materials, the selection also includes products for applications such as flexible packaging, multi laminates, shrink sleeves and ticketing.

A single supplier overseeing your entire order means great savings in time, resources and paperwork, and as with all Avery Dennison products, full sales and technical support is available. Our goal is to enable the best overall product selection.

Small quantities, rapid delivery

Rapid-Roll® is a highly practical way to start offering your customers a wide variety of non-adhesive labels, tags and packaging items. The Rapid-Roll® service enables small minimum order quantities (MOQs) and short lead times, in quantities from just 1000m² upwards.

Materials can be delivered at short notice: stock items will be shipped within two business days after placing an order. Rapid-Roll® stands apart as a simple way to ensure fast shipping of small orders - in fact, you can order the exact amount of paper needed for an individual print job, and your customers will perceive you as someone who can overcome a challenge fast.

Flexible, quick and convenient

Rapid-Roll® can be your entry ticket into new markets, offering small and quick production runs. You can give your customers a very wide choice of options, and you do not have to retain large inventories that might not be used straight away. Of course you can also use Rapid-Roll® to react fast to changes in your production planning, avoiding costly delays.

Rapid-Roll® can add options to an existing campaign, or let you take advantage of a sudden market shift or promotional opportunity. It is a simple and wide-ranging solution that can enhance sales and profitability right down the line.



LOW MOQ



FAST SHIPPING



FLEXIBLE SERVICE

An innovative printing partner

As a genuine business partner, Avery Dennison can sit down and discuss with you how to broaden your offering and distinguish yourself from your competitors. When one of your customers has a special request, the Rapid-Roll® team will work closely with you to find a solution – whether a product is available from the Rapid-Roll® portfolio or needs sourcing elsewhere. Together, we can expand your current market, explore new markets, cut your costs, optimise machine time and increase your range of services.

The Rapid-Roll® benefits

- > Order quantities from only 1000m²
- > Shipped within 2 business days (ex-works) on stock items
- > Choice of over 240 different materials
- > Easier and better service for your customers
- > Extra variety and flexibility
- > One trusted source of supply

Explore the possibilities

Avery Dennison can help you to explore everything from a simple neck label through to tear-resistant tags, tickets and flexible packaging. You can soon begin to suggest campaign 'extras' that complement the self-adhesive elements of a customer's project:

Application	Products
Neck labels for bottles, hangers	MC Elite Cards, Synthetic Paper and Polyart®
Address labels for suitcases	Synthetic Paper and Polyart®
Clothing tags	MC Elite Cards and HGW Premium Cards
Tear-resistant tags for track-and-trace	Valéron®, Tyvek®, Synthetic Paper XS, Laser PET, Thermal Top PP
Flexible packaging for pouches, sachets and stick packs	BOPP Flexpack, Cosmetic Web, Snack Web, Paper Web, MC PE
Logistical tags, track and trace. Post tags.	TriTag Multi Laminates
Ticketing	Thermal ECO, Thermal TOP, Transfer MC Matt
Bottle wrapping	Shrink PET and Shrink PVC films, BOPP Reel-Fed
Horticultural tags	PVC Matt in many colours
Overlamination	Self-wound PP, Self-wound PET, PP Clear, PET Clear
Adhesive coverage, carrier	Liner BG, Liner HF, Liner PET

Breaking into tear-resistant films

Tear-resistant films are problem solvers - where paper cannot do the job - and the market is expanding.

There are several reasons why label converters should take a closer look at tear-resistant films. The market is demanding labelling that can survive a whole range of challenging conditions, so the potential for growth is there in a number of segments. Such high performance materials can also help to lift you out of 'commodity' level projects, and so strengthen relationships and improve margins.

The four pillars of the Avery Dennison tear-resistant portfolio are tear resistance (of course), durability, printability and workability. How well a material can deliver all of these properties will make or break a project where a label has to look good, be practical during use and last over time.

Frank Eschbour, Rapid-Roll® Product Manager, said that the portfolio has been designed to give a wide range of performance options:

“No two applications in this area are ever quite the same, and it needs careful judgement to decide which material will look good, last the course and remain intact during use. We offer Tyvek®, Valéron®, Polyart® and Avery Dennison® Synthetic Paper, all with different strength and printing characteristics. Full technical support is available to make sure of the right choice for any set of circumstances.”



Tear resistance

Needed if the material must withstand stress and external forces without breaking. Materials use a multilayer structure, biaxial orientation or fillers to achieve the required strength - including tear propagation resistance and puncture resistance.



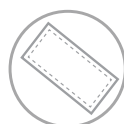
Durability

For applications with extreme weather conditions or contact with alcohols/oils. Despite a paper-like appearance, films can have a durability similar to plastic and withstand moisture, dirt contamination, high/low temperatures, UV exposure, chlorine, acids and oils.



Printability

Labels can be printed and written on with a pen. All films in the portfolio have a smooth white matt finish or a unique clay coating to ensure excellent printability, variable information printing, good printing runnability and good opacity.



Workability

You may need to fold materials or process them with sharp objects. These films have a very flexible structure so are easy to guillotine, perforate, stitch, bind, stamp or fold.



Performance overview

An overview of how different materials in the portfolio perform is shown in the table below:

	Product type	Printing	Strength
Avery Dennison® Synthetic Paper	2 Side Coated (2S)	● ● ● ●	● ● ○ ○
	Uncoated	● ● ○ ○	● ● ● ○
	Extra Strong (XS)	● ● ○ ○	● ● ● ●
Polyart®	2 Side Coated (2S)	● ● ● ●	● ● ○ ○
	Uncoated / High Strength (HS)	● ● ○ ○	● ● ● ○
Valéron®	2 Side Coated (2S)	● ● ● ●	● ● ● ●
	Uncoated	● ○ ○ ○	● ● ● ●
Tyvek®	Standard	● ○ ○ ○	● ● ● ○
	Brillion	● ● ● ○	● ● ● ○

Standard ● ○ ○ ○ Good ● ● ○ ○ Better ● ● ● ○ Best ● ● ● ●

Self-wound Films

Fast inline lamination, which does not occupy a print station. Page 26



Thermal Papers & Cards

Providing performance and productivity where it counts. Page 18



Fruit Tags

Comfortable to act as a handle, and strong enough to hold. Page 32

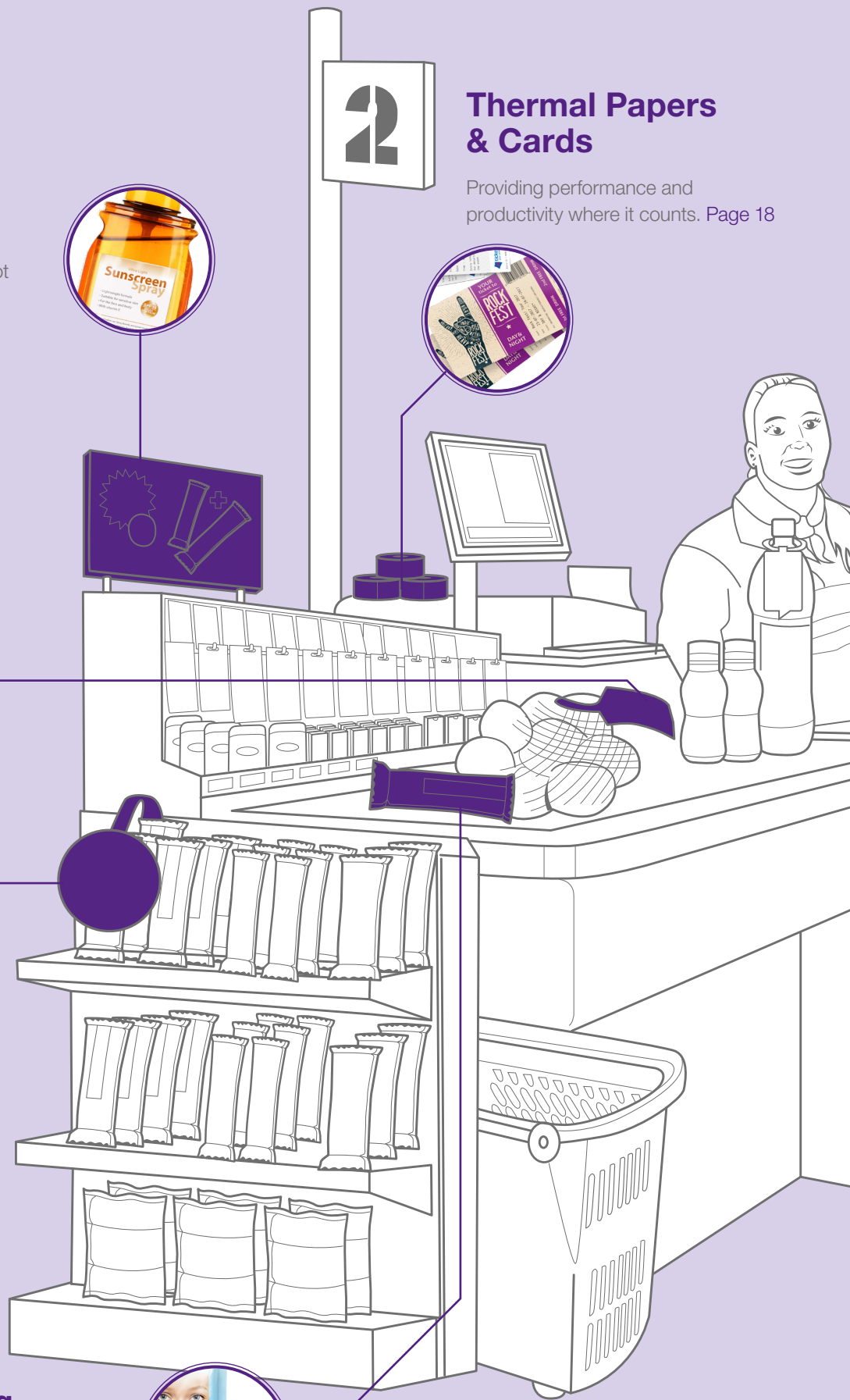


Polyart®

Tear-resistant film, with the 'look' of paper and the durability of plastic. Page 36

Flexible Packaging

Ideal for small portions, single-serving products, and promotional packaging. Page 28



Shrink Films

Ideal for colourful designs and 360° full-body labels. Page 24



Retail solutions

A vast range of labelling solutions for the retail environment. Everything needed to package products, carry them home, store them, create a brand image - and of course to stand out from the competition.



Standard PP Films

Perfect for easy conversion and arresting shelf appeal. Page 20



MC Elite Cards

When quality counts - looking good for longer. Page 14

Synthetic Papers

Tear-resistant film, made to survive tougher challenges. Page 34



MC Coated Papers

Prints well, folds well, looks good. Page 16



Standard PP Films

The simple route to more attractive packaging. Page 20



Leisure solutions

Durable, visually appealing and functional labelling solutions to meet any leisure need. These products include applications such as high value ticketing, wrist bands and flyers.



Static Cling

The non-adhesive alternative for all glossy surfaces.
Page 22



TriTag Multi Laminates

Looks like paper, and withstands frequent handling. Page 30



Thermal Papers & Cards

Ticketing materials for every event. Page 18



MC Coated Papers

Prints well, folds well, looks good. Page 16



Tyvek®

Tear-resistant film - print it and wear it.
Page 38



Valéron®

Tear-resistant film - tough enough for the great outdoors. Page 40



Synthetic Papers

Tear-resistant film, made to survive tougher challenges. Page 34



Flexible Packaging

Ideal for small portions, single-serving products, and promotional packaging. Page 28



Synthetic Papers

Tear-resistant film - surviving humidity, chemicals and rough handling. Page 34

Household and garden solutions

This environment requires strong and durable labelling solutions. Rapid-Roll® offers solutions that look good and last, with a wide range of applications from tags, bags and cards through to flexible packaging for seeds.



Fruit Tags

Comfortable to act as a handle, and strong enough to hold. [Page 32](#)



Tyvek®

Tear-resistant film with unique physical properties for long-term use. [Page 38](#)



Special Papers

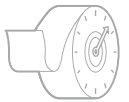
Additional Rapid-Roll opportunities to meet all your packaging challenges. [Page 42](#)

Making the most of Rapid-Roll® non-adhesive materials

Business opportunities involving non-adhesive applications are important. Making the most of those opportunities means accessing the right materials and the right service - ideally from one source of supply.

The breadth and depth of the Rapid-Roll® portfolio means you can create new applications as diverse as tear-resistant tags, event tickets and flexible packaging for foods. In the pages that follow, find out more about cards, films, papers, self-wound films and much more.

If you have an especially demanding application that requires special properties - for example high strength, weather resistance or ultimate print quality - talk to your usual Avery Dennison sales representative and we will be very happy to support the right choice of material.



Rapid-Roll® MC Elite Cards

Draw the right card!

When quality really counts, Avery Dennison® Rapid-Roll® MC Elite Cards give you excellent printability, high stiffness and crease-resistance - and a smooth feel for a wide range of consumer-facing applications. These materials also perform over time, allowing long-term visual impact for retail tags.

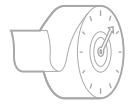
High stiffness ensures optimal performance during printing, finishing and end use.

KEY FEATURES

- > High natural whiteness
- > High tear strength when perforated
- > Very high folding crack resistance
- > UV light stability and ageing resistance
- > Odour neutral
- > Low fibre dust when die cutting
- > Easy converting, folding, cutting and perforating
- > Easy ink setting for all print techniques
- > Vibrant colours
- > Compatibility with thermal transfer and traditional printing
- > One- or two-sided coated products available

RECOMMENDED USES

- > Retail and product information tags
- > Neck labels for bottles
- > Premium packaging using folding boxes
- > Greeting and business cards



PRODUCT CHARACTERISTICS

Avery Dennison Rapid-Roll® MC Elite Cards are produced on a special paper machine, capable of layering many different layers of pulp with varying fibre compositions - for high print quality and maximum flexibility with inks. These materials use high quality wood-free pulp in the middle layer. The quality of the fibres determines the printing quality, the cost, and other characteristics such as stiffness and ageing resistance. Rapid-Roll® MC Elite Cards have a very smooth surface, and are available in low and medium gloss versions. Please ask also for our special papers: uncoated, satin, matt and other variations.

PRINT RECOMMENDATIONS

MC Elite Cards 2S (two-sided) coated materials: Process printing (4+ colours) on both sides in all traditional printing technologies: UV offset, UV flexo, and letterpress.

MC Elite Cards 1S (one-sided) coated materials: Process printing on the front side and spot, text or line copy, using 1-2 colour printing on the back side. When printing information or images, final print quality depends on the printing press, process parameters, ink used and card properties. Some of our materials can be digitally printed without additional treatment.

Code	Description	Basis weight g/m ²	Caliper	Gloss	Service
BC987	MC ELITE CARD 1S-180 FSC	180g	215µ	Low	2M FTO
AZ859	MC ELITE CARD 1S-190 FSC	190g	200µ	Low	EXACT
BC644	MC ELITE CARD 1S-200 FSC	200g	235µ	Low	EXACT
BC976	MC ELITE CARD 2S-200 FSC	200g	195µ	Low	2M FTO
AY521	MC ELITE CARD 2S-220 FSC	220g	230µ	Low	EXACT
AY520	MC ELITE CARD 2S-240 FSC	240g	260µ	Low	EXACT
BH837	MC ELITE CARD 2S-260 FSC	260g	290µ	Low	1M FTO
BC368	MC ELITE 2S-300 FSC	300g	235µ	Medium	2M FTO
BE195	MC BOARD 1S-180 FSC	180g	255µ	Low	2M FTO

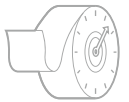
SERVICE

All materials are available in minimum order quantities starting from 1000m², shipped within 2 business days after placing an order.

If you have any questions, please contact your sales representative or send an email to rapidroll@averydennison.com

Visit our website to find out more about the Rapid-Roll® portfolio.
label.averydennison.eu/rapidroll





Rapid-Roll® MC Coated Papers

High quality promotional leaflets and booklets

Visually appealing promotional or point-of-sale information leaflets and booklets demand papers that print well and that fold without cracking.

MC Coated Papers in the Avery Dennison® Rapid-Roll® portfolio offer a smooth surface tailored to reproduce faithfully the most sophisticated printed images.

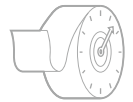
Facestocks are also coated and printable on both sides, using a coating that is flexible enough to stay looking good when folded.

KEY FEATURES

- > High definition printing
- > Optimum opacity to eliminate see-through
- > Smooth, even surface
- > Available with FSC® certification
- > Food contact approved materials available

RECOMMENDED USES

- > Promotional leaflets, flyers, inserts
- > Folded instruction/information booklets
- > Wet glue bottle labelling
- > Promotional coupons
- > Wrap-around decorative labels or wraps



PRODUCT CHARACTERISTICS

Materials are available for one-sided (1S) and two-sided (2S) printing. A range of surface properties is available: matt, gloss, coated, uncoated and structured. Furthermore, calipers from 80-350 g/m² are available.

Avery Dennison Rapid-Roll® MC Elite Paper 2S is a two-sided, coated woodfree paper with high gloss and excellent smoothness. Its smoothness means that printed dots remain closer to the paper surface, for outstanding high definition printing results. Offset Paper is a high brightness, uncoated wood-free paper.

PRINT RECOMMENDATIONS

Print results vary with the product. For example, Offset Paper has an open and textured surface, so best results are obtained with printing techniques that offer maximum conformability with the printing plate such as flexo, offset or screen printing. Digital printing is possible but should be tested. Offset Paper can be laser printed.

Code	Description	Basis weight g/m ²	Caliper	Service
AV443	MC PRIMECOAT 1S-120 NG	120g	99µ	FTO
AZ812	MC PRIMECOAT 1S-60 FSC	60g	55µ	FTO
AQ034	MC PRIMECOAT 1S-70 FSC	70g	65µ	FTO
AU050	MC PRIMECOAT 1S-80	80g	69µ	FTO
AX668	MC PRIMECOAT 1S-90 FSC	90g	76µ	FTO
AO387	MC SILK 2S-170	170g	153µ	FTO
AT780	DIG UV INKJET MC80 FSC	81g	76µ	FTO
BC356	MC ELITE 2S-135 FSC	135g	109µ	EXT
BC355	MC ELITE 2S-150 FSC	150g	120µ	EXT
BC367	MC ELITE 2S-200 FSC	200g	150µ	EXT
BC368	MC ELITE 2S-300 FSC	300g	250µ	FTO
AG232	MC ELITE 2S-90	90g	69µ	FTO
BC354	MC ELITE EXTRA 2S-90 FSC	90g	72µ	FTO
BD829	OFFSET PAPER120 FSC	120g	150µ	FTO
BD828	OFFSET PAPER150 FSC	150g	188µ	FTO
BD827	OFFSET PAPER90 FSC	90g	112µ	FTO

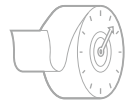
SERVICE

All materials are available in minimum order quantities starting from 1000m², shipped within 2 business days of placing an order.

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Visit our website to find out more
about the Rapid-Roll® portfolio.
label.averydennison.eu/rapidroll





Rapid-Roll® Thermal Papers & Cards

Ticketing materials for every application

Conventional tickets are here to stay. Many everyday or leisure applications still require them - and printed tickets are also in demand by consumers who prefer physical over digital tickets, or who simply want a souvenir.

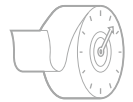
The quality and visual appeal of a printed ticket can be more relevant than ever for some applications, as they become miniature works of art and even go on to become collectors' items. For other applications rapid printing and high throughput are what count, along with excellent printability on both sides. The Avery Dennison® Rapid-Roll® portfolio offers the range of choices needed for any ticketing application.

KEY FEATURES

- > Direct thermal papers and cards
- > Thermal transfer papers and cards
- > Wood-free papers
- > Printable on both sides

RECOMMENDED USES

- > Parking and transport tickets
- > Event ticketing
- > Ski passes
- > Wristbands
- > Boarding passes



PRODUCT CHARACTERISTICS

Thermal papers with base paper, thermal coat, topcoat and backcoat

An additional topcoat can be added on top of the thermal coat for applications where the surface is exposed to external influences such as mechanical abrasion, chemical exposure or weathering. Special backcoats (products with BACK in the description) can also be used to improve the stampability and flatness of the thermal paper under different climatic conditions. These also improve printability for traditional printing techniques when needed.

PRINT RECOMMENDATIONS

The thermal coat determines how much the paper surface reacts to a given amount of heat or energy. A standard sensitivity paper delivers 200-dpi images and speeds up to 200 mm/sec (depending on the printer's setup). All conventional roll conversion technologies are possible, including flexographic and UV letter press. Note that the thermographic properties mean that exposure to temperatures above 50°C may cause premature imaging or discolouration.

Code	Description	Basis weight g/m ²	Caliper	Colour	Service
Direct Thermal Papers & Cards					
BD601	THERM ECO 1S-120NOBK FSC	120g	120µ	White	FTO
BD595	THERM ECO 1S-170BACK FSC	165g	175µ	White	EXT
BD597	THERM ECO 1S-170NOBK FSC	175g	175µ	White	FTO
BD560	THERM TOP 1S-130NOBK FSC	128g	135µ	White	FTO
BD603	THERM TOP 1S-140BACK FSC	145g	145µ	White	FTO
BD602	THERM TOP 1S-180BACK FSC	180g	183µ	White	FTO
BD562	THERM TOP 1S-180NOBK FSC	180g	191µ	White	FTO
BD561	THERM TOP 1S-190BACK FSC	191g	195µ	White	FTO
AK341	THERM TOP PREMIUM 1S-80	79g	81µ	White	FTO
AT066	THERMAL ECO FSC 1S-75	74g	80µ	White	FTO
AT068	THERMAL TOP FSC 1S-75	76g	82µ	White	FTO
AT810	THERMAL TOP FSC 1S-80	80g	74µ	White	FTO
Direct Thermal Films					
BC352	THERMAL TOP PE 1S-120	122g	125µ	White	PTO
AC711	THERMAL TOP PP 1S-100	79g	96µ	White	FTO
AN970	THERMAL TOP PP 1S-75 NG	61g	76µ	White	FTO
Thermal Transfer Papers & Cards					
BD719	TRANS ECO CARD1S-190 FSC	190g	200µ	White	FTO
AZ258	TRANS MC MATT 2S-170 FSC	170g	134µ	White	EXT
AZ257	TRANS MC MATT 2S-200 FSC	200g	165µ	White	EXT
AK675	TRANS PET MT SIL 1S-50	72g	50µ	Silver	FTO
BD718	TRANSFER ECO 2S-110 FSC	112g	110µ	White	FTO
AS067	TRANSFER ECO 2S-70 FSC	70g	66µ	White	FTO

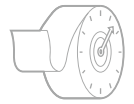
SERVICE

All materials are available in minimum order quantities starting from 1000m², shipped within 2 business days of placing an order. Other Thermal Papers & Cards are available on demand.

If you have any questions, please contact your sales representative or send an email to rapidroll@averydennison.com

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Rapid-Roll® Standard PP Films

Cost-effective shelf appeal

Avery Dennison® Rapid-Roll® standard polypropylene (PP) films give you easy conversion and a high-quality finish. They offer a simple route to stunning print jobs and arresting shelf appeal.

Films coated on both sides are available, giving excellent anchorage with most adhesives, and opening up new business opportunities for multi-layer labelling solutions.

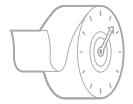
Rapid-Roll® service means you can quickly source a wide range of non-adhesive standard films to meet your exact labelling needs, and win a wide range of niche conversion jobs.

KEY FEATURES

- > Wide range of attractive and cost-efficient non-adhesive films
- > Outstanding shelf appeal
- > Food contact approved materials available
- > Digitally printable PP range
- > Good tensile strength
- > Best in indoor applications

RECOMMENDED USES

- > Bottle decorations
- > Booklets
- > Cut and stack food labels (eg. poultry inserts, packed bakery items, meat inserts, seafood packaging)
- > Wrap-around bottle labels
- > Multi-layer, in-mould and coupon labels
- > Two-sided print for clear containers



PRODUCT CHARACTERISTICS

There are three main application areas for non-adhesive PP films:

> Cut and Stack Labels (CSL)

These are labels that are cut to size after the printing process - a cost-effective, non-adhesive film product. CSLs are often the lowest cost option for decorating/identifying a product. They are generally used for food inserts or other decorating applications, and can accommodate a variety of container types.

> Reel-fed Bottle Wrap Labels (WAL)

Over many years, reel-fed wrap-around labelling has been universally adopted for PET beverage bottles. The technology is now expanding towards other non-food segments including glass and PE bottles, thanks to its high efficiency, low cost and reliability.

> Multi-Layer Labels (MLL)

For labels with limited space, multi-layer designs are a great way to include more information. Multi-layer labels peel back cleanly with no adhesive residue, and can be re-sealed. The top layer peels to a 'pinch point' so that the top layer cannot be removed. Example applications: extended text leaflet labels, coupon labels and booklet labels.

PRINT RECOMMENDATIONS

These products can be printed by traditional flexographic gravure, silkscreen and letterpress processes. However, exact ink systems should be recommended by your ink supplier. With some products additional corona treatment is recommended for optimum performance.

Code	Description	Basis weight g/m ²	Caliper	Colour	Service
AM959	DIG INDI PP TOP CL 1S-50	47g	51μ	Transparent	PTO
AM958	DIG INDI PP TOP WH 1S-50	50g	51μ	White	FTO
AM439	BOPP REEL-FED WH 1S-47	29g	47μ	White	PTO
AQ142	DIG INDI PP TOP CL 1S-60	54g	59μ	Transparent	FTO
AG473	PP CLEAR 1S-20	16g	18μ	Transparent	FTO
AG354	PP CLEAR 1S-30	27g	30μ	Transparent	FTO
AG194	PP CLEAR 1S-60	53g	58μ	Transparent	FTO
AL701	PP FOAMED WHITE 1S-120	63g	120μ	White	FTO
AG480	PP MATT WHITE 2S-60	55g	57μ	White	FTO
AA741	PP TOP CLEAR 1S-50	47g	51μ	Transparent	FTO
AG117	PP TOP CLEAR 1S-60	55g	58μ	Transparent	FTO
AL250	PP TOP CLEAR 2S-50	46g	50μ	Transparent	EXT
AD684	PP TOP CLEAR 2S-90	83g	92μ	Transparent	FTO
AJ048	PP TOP SILVER 1S-50	46.5g	51μ	Silver	FTO
AE601	PP TOP WHITE 1S-50 NG	51g	50μ	White	FTO
AG118	PP TOP WHITE 1S-60	57g	58μ	White	FTO
AK277	PP TOP WHITE 1S-60 OPQ	58g	59μ	White	FTO
AL445	PP TOP WHITE 2S-60	45g	60μ	White	EXT
AK370	PP TOP WHITE 2S-90	90g	92μ	White	FTO
AD456	PP WHITE 1S-40	29g	40μ	White	FTO
AG319	PP WHITE 1S-60	57g	58μ	White	FTO

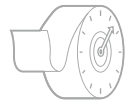
SERVICE

All materials are available in minimum order quantities starting from 1000m² shipped within 2 business days after placing an order. Other PP films are available on demand.

If you have any questions, please contact your sales representative or send an email to rapidroll@averydennison.com

Visit our website to find out more about the Rapid-Roll® portfolio.
label.averydennison.eu/rapidroll





Rapid-Roll® Static Cling Films

The non-adhesive alternative for all glossy surfaces

Cling films are everywhere – the constantly changing window at your favourite coffee shop; 2-for-1 offers on the supermarket fridge; the UV-protection label on your sunglasses...

Avery Dennison® Static Cling lets you deliver powerful marketing messages, temporary décor, point-of-sale signage and extra product information. It can also protect glossy surfaces such as glass, acrylic or any other type of glossy screen. Cling characteristics and a smooth appearance make Static Cling easy to apply/reposition, and a clean surface remains after removal. The smooth PVC facestock gives good printing results with strong colours.

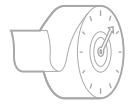
KEY FEATURES

- > The alternative for adhesive coated films on smooth and/or glossy surfaces
- > Very easy to reposition and re-apply
- > No adhesive residues left behind
- > Can re-use/re-apply on smooth, glossy surfaces (e.g. glass, PET, PMMA, PC acrylic, screens etc.)*
- > Good UV stability (up to 6 months outdoors)
- > Available with cast coated kraft liner (130g) for good die-cutting characteristics

RECOMMENDED USES

- > Temporary decoration
- > Protection of glossy surfaces
- > Point-of-sale signage
- > Extra product information
- > Advertising labels

* Prior testing recommended



PRINT RECOMMENDATIONS

Standard Static Cling PVC films are available in transparent and in white. Both films can be converted easily by screen printing and UV-flexo. For the best printing outcome, we recommend converting the material soon after receipt. The PVC films are typically used for various promotional and decorative applications on smooth, clear and glossy surfaces, such as: sunglasses, windows, glass doors or supermarket fridges.

A PE-based film completes the portfolio and can be printed, following corona treatment, with UV letterpress, UV screen and UV flexo. PE Static Cling is a good choice for protecting vulnerable glossy surfaces from scratches (e.g mobile phones, watches and other small devices).

We recommend compatibility testing of media, printers and inks prior to use.

Code	Description	Basis weight g/m ²	Caliper - total / front	Specifications
AG624*	STATIC CLING PVC CL-135 Liner: 130g cast-coated kraft paper, printable backside	318g	310μ / 150μ	A cling vinyl (PVC), calendered and plasticised film mainly used for advertising and decoration stickers. The product is wound on a cardboard liner.
AG625**	STATIC CLING PVC WH-135 Liner: 130g cast-coated kraft paper, printable backside	318g	310μ / 150μ	A cling vinyl (PVC) white cling, calendered and plasticised film mainly used for advertising and decoration stickers. The product is wound on a cardboard liner.
AS990**	STATIC CLING PE CL 110 Liner: Transparent BOPP film	147g	160μ / 110μ	Polyethylene (PE) cling film. Main application is protection of delicate surfaces. The product is wound on a thin BOPP liner.

* Shipped within 2 business days after placing your order.

** Lead times on these products can be up to 10 days due to their special features.

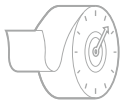
SERVICE

All face materials are available with different liners. For a complete overview of the various liner combinations, please contact the Rapid-Roll® team.

If you have any questions, please contact your sales representative or send an email to rapidroll@averydennison.com

Visit our website to find out more
about the Rapid-Roll® portfolio.
label.averydennison.eu/rapidroll





Rapid-Roll® Shrink Films

360° full-body labels on curvy shapes

Shrink sleeves have become a very popular choice for brand owners who want more shelf appeal, allowing colourful designs and 360° full-body labels on curvy shapes.

Avery Dennison® Rapid-Roll® shrink sleeve materials are available to suit almost any shape of container, and to cope with different shrink techniques used to apply the label. If only a 'medium' shrink is required, lower-cost PVC films will shrink by up to 65%. For very 'curvy' containers, PET sleeves can shrink up to 75%.

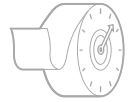
Consult with your ink supplier regarding special inks recommended for shrink sleeves.

KEY FEATURES

- > Four different shrink films to choose from
- > All printable at photo-like quality (rotogravure, UV offset, UV Flexo)
- > Shrink rates up to 75%
- > Food contact approved materials available
- > Specialist HP Indigo option for small batches

RECOMMENDED USES

- > Shaped containers
- > Full body labels
- > Tamper evidence and easy opening
- > Surface protection (glass bottles)



PRODUCT CHARACTERISTICS

Avery Dennison's shrink film range covers the most common range of shrink products offering a balanced choice between different calipers, shrink percentages and polymers. The choice for a product will be determined by the shape of the container, the shrink curve, the required gloss level, ease of cutting and stiffness.

PRINT RECOMMENDATIONS

These materials can be printed by traditional flexographic gravure, rotogravure and offset printing systems. Solvent-based inks and UV based inks can be used. However, exact ink systems should be recommended by your supplier and special care has to be taken regarding web temperature and winding.

Code	Description	Basis weight g/m ²	Caliper	Specifications
AU299	DIG INDI SR PET CL 50 UHS	66g	50μ	Transparent, gloss finished PET film for shrink sleeve applications. One side coated with an Indigo top coat.
AB029	SHRINK PVC CL 1S-50 HS	68g	50μ	Transparent, gloss finished PVC film for shrink sleeve applications. Up to 65% transversal shrinkage.
AV234*	SHRINK PVC CL 1S-45 MS	58g	45μ	Transparent, gloss finished PVC film for shrink sleeve applications. Up to 57% transversal shrinkage.
AQ912	SHRINK PET CL 1S-45 UHS	58.5g	45μ	Transparent, gloss finished PET film for shrink sleeve applications. Up to 75% transversal shrinkage.

MS: Medium Shrink (50 - 60%)
 HS: High Shrink (65%)
 UHS: Ultra High Shrink (75%)

* Lead times on this product can be up to 4 weeks due to their special features.

HANDLING AND STORAGE CONDITIONS

Shrink sleeve products are heat sensitive, and it is important not to store them above 30 °C.

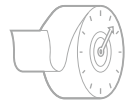
SERVICE

All materials are available in minimum order quantities starting from 1000m² or 2000m², shipped within 2 business days after placing an order.

If you have any other questions, please contact your sales representative or send an email to rapidroll@averydennison.com

Visit our website to find out more
 about the Rapid-Roll® portfolio.
label.averydennison.eu/rapidroll





Rapid-Roll® Self-wound Films

The faster way to overlaminate

Self-wound products give label converters more options when choosing the most suitable method of inline overlamination for printed labels. The range of self-wound films from Avery Dennison® offers significant benefits across a variety of applications, compared with dry films or liner-based products. Those benefits include rapid delivery and fast set-up - and self-wound films do not occupy a print station when being applied.

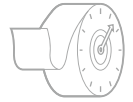
More vivid colours and higher gloss can help to enhance brand image and drive sales. Self-wound overlamination can be used to protect labels against scratching, acids, chemicals, oils and moisture. The materials are also an excellent choice for booklet labels.

KEY FEATURES

- > Very fast set-up, plus no additional print station
- > Food contact approved materials available based on FDA regulation
- > No pre-slit stock, slit on demand instead
- > Permanent, acrylic adhesive
- > More reliable protection and stronger labels
- > No backing material waste
- > Improved stiffness for resealable labels

RECOMMENDED USES

- > Food industry - protection against ink migration
- > Flexible packaging applications
- > Reinforced print media
- > Booklet labels
- > Barcodes for easy scanning
- > Label with VI information



SELF-WOUND OVERLAMINATION RANGE

The PP film range is used for overlaminating paper and PP constructions, and for producing booklet labels. PET films allow the overlamination of PET labels and also suit flexible packaging - avoiding any contamination of the packaging interior with surface-printed inks.

THERMAL RIBBONS

Thermal transfer (TT) versions of the PP and PET self-wound materials give excellent results with a wide range of TT ribbons. Recommended manufacturers include DNP, Dynic USA, iimak and ITW.

PRODUCT OVERVIEW

Code	Description	Basis weight g/m ²	Caliper	Service
AO526	SELFWOUND PET12 CL MED	35g	24.9μ	FTO 1.54
AN321	SELFWOUND PP 25 CL MT	31g	38μ	FTO 1.54
AN319	SELFWOUND PP19 CL LOW	25g	27μ	EXACT
AN323	SELFWOUND PP25 CL TT	31g	33μ	FTO 1.54
AZ634	SELFWOUND PP19 CL DIG	30g	31.8μ	FTO 1.54
BB997	SELFWOUND PP18 CL LOW	21.7g	24μ	FTO 1.54

SERVICE

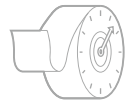
All materials are available in minimum order quantities starting from 3000 metre length rolls, shipped within 2 business days of placing an order.

More products are available on request.

If you have any questions, please refer to our Q&A, contact your sales representative or send an email to rapidroll@averydennison.com

Visit our website to find out more
about the Rapid-Roll® portfolio.
label.averydennison.eu/rapidroll





Rapid-Roll® Flexible Packaging

A major narrow web opportunity

Across both food and home & personal care applications, there is a rise in small portions, single-serving products, promotional packaging and other options. This is leading a rapid move towards flexible packaging, using film- or paper-faced laminated pouches.

There is a very important growth opportunity for narrow web printers. Wide web printers' setup costs mean that narrow web printers are far better positioned to meet the requirements of short-term promotions, regional product variations, and target group campaigns.

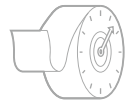
Avery Dennison® offers the portfolio needed to use conventional narrow web equipment in this market - with laminates that behave and convert in a similar way to self-adhesive materials.

KEY FEATURES

- > No new equipment needed for conversion
- > Food contact approved materials available
- > Surface printable
- > Heat sealable
- > Film and paper-faced materials

RECOMMENDED USES

- > Private label products
- > Single serve packets (dry soups, spices, coffee, snacks, etc)
- > Personal care (HPC) (shampoo, shaving cream, toothpaste, soap, etc)
- > Samples and product promotions
- > Specialty stores and regional foods



PRODUCT CHARACTERISTICS

These film or paper-faced laminated pouching materials are designed for use in flexible packaging, meeting all of the requirements of consumers, retailers and manufacturers. They ensure excellent visual impact, a long product shelf life, low weight, easy opening, simple handling and easy disposal.

Laminates are available for liquid or dry content packages such as cosmetic samples, lotions, oils and fluids.

Some materials with special delamination additives (EMA or EAA) provide excellent chemical resistance for even more aggressive contents.

PRINT RECOMMENDATIONS

Easily printed using flexo, gravure and letterpress.

Flexible packaging prints in the same way as self-adhesive film or paper.

Code	Description	g/m ²	Caliper	Application	Service	Print	Barrier	Seal
BC850	MC PE 1S-105 FSC	105g	95μ	Sachets for sugar, pepper, salt	FTO 2,0M	CC 90gr	-	LDPE 15μ
AN048	PAPER WEB50	105g	85μ	Pouches for dry sauce, soup mix	FTO 1,65M	CC 50gr	ALU 6.5μ	LDPE 25μ
AO646	PAPER WEB50 SURLYN	103g	83μ	Dry powders, wet wipes, spices	FTO 1,59M	CC 50gr	ALU 6.5μ	COEX Slyn 23μ
AR813	PAPER WEB50 SURLYN HEAVY	109g	85μ	Pills, cosmetics, medical powders	FTO 1,36M	CC 50gr	ALU 9.0μ	Slyn 23μ
AW521	COSMETIC WEB SILVER79	94g	79μ	Wet wipes, cosmetic lotions, shampoos	FTO 1.65M	PET 12μ	ALU 7.0μ	LDPE 60μ
BG142	COSMETIC WEB WHITE82	99g	82μ	Wet wipes, cosmetic lotions, shampoos	FTO 1.50M	PET 12μ	ALU 7.0μ	LDPE 40μ
AO610	COSMETIC WEB SILV96 HEAV	111g	96μ	Lotions, nutritional powders or liquids	FTO 1.665M	PET 12μ	ALU 9.0μ	LDPE 75μ
BF192	COSMETIC WEB WHITE96 HEAV	110g	96μ	Lotions, nutritional powders or liquids	FTO 1.18M	PET 12μ	ALU 9.0μ	LDPE 75μ
AO599	COSMETIC WEB WHITE82 EMA	99g	82μ	Wet wipes, cosmetic lotions, shampoos	FTO 1.50M	PET 12μ	ALU 7.0μ	LDPE 30μ
AO601	COSMETIC WEB WHITE115 EAA	130g	115μ	Cosmetic samples in magazines	FTO 1.50M	PET 12μ	ALU 7.0μ	LDPE 60μ
AO603	SNACK WEB CLEAR62 NANO	63g	62μ	Packaging for salty, fatty snacks	FTO 1.59M	PET 12μ	SiOx Nano	LDPE 50μ
AO605	SNACK WEB SILVER52	54g	52μ	Packaging for snacks, instant coffee	FTO 1.77M	PETmet 12μ	-	LDPE 40μ
AO602	SNACK WEB WHITE62 NANO	73g	62μ	Packaging for salty, fatty snacks	FTO 1.55M	PET 12μ	SiOx Nano	LDPE 50μ
AW249	SILVER FOIL TOP84SEAL NG	89g	84μ	Sub-surface printing + overlamination	PTO 1,2M	-	Coated ALU 9.0μ	LDPE 75μ

CC: Clay Coated paper

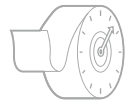
SERVICE

All materials are available in minimum order quantities starting from 1000 metre roll length, shipped within 2 business days after placing an order.

If you have any questions, please contact your sales representative or send an email to rapidroll@averydennison.com

Visit our website to find out more about the Rapid-Roll® portfolio.
label.averydennison.eu/rapidroll





Rapid-Roll® TriTag Multi Laminates

Combine the advantages of film & paper

It's simple to combine the strength of film with the easy convertibility of paper by using Avery Dennison® Rapid-Roll® Multi Laminates.

A brand new product range in the Rapid-Roll® portfolio includes two-layer products (Post Tag) and three-layer products (TriTag). TriTag materials look like paper but are as strong as film due to a hidden PP or PET layer.

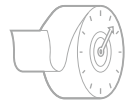
Tear resistance, service options and a good price-quality ratio (compared with other materials in the Rapid-Roll® portfolio) make Rapid-Roll® Multi Laminates an outstanding choice for applications involving frequent handling.

KEY FEATURES

- > Optimised thickness and rigidity
- > ULTRA-high tear resistance when laminated with PET100 or Valéron® TL® Strength Film
- > Easily printable paper surface and paper 'look'
- > Suits all conventional printing methods
- > Compatible with direct thermal, thermal transfer, matrix and laser
- > Tear propagation resistance when stapled

RECOMMENDED USES

- > Garment tags
- > Logistics tags
- > Tear-resistant envelopes
- > Event/transit/parking/leisure tickets
- > Tracking labels
- > Postal bag tags
- > Stapled tags on wood boxes



PRINT RECOMMENDATIONS

The paper surfaces of Rapid-Roll® Multi Laminates can be printed and converted like regular paper products. All conventional printing methods and standard inks can be used. TriTag products offer wide ranging convertibility, such as die-cutting, folding, gluing, punching, perforating and stitching.

Due to the range of potential applications, we highly recommend testing prior to regular conversion.

Code	Description	Basis weight g/m ²	Caliper	Printability	Strength	Applications
Multi-laminate with PET film (Paper / PET / Paper)						
BE097	TRITAG TH-E CARD 220 PET	220g	196μ	Direct Thermal	++	
BE145	TRITAG TH-T CARD 230 PET	230g	193μ	Direct Thermal	++	
BB304	TRITAG TH-E CARD 255 PET	255g	211μ	Direct Thermal	+++	
BB306	TRITAG TT MC CARD 230 PET	232g	185μ	Thermal Transfer	++	
BB308	TRITAG LASER CARD 200 PET	198g	199μ	Lasercopy	++	
BB307	TRITAG LASER CARD 270 PET	268g	249μ	Lasercopy	+++	
Multi-laminate with PP film (Paper / PP / Paper)						
BA950	TRITAG TH-T CARD 170 PP	167g	191μ	Direct Thermal	+	
BB305	TRITAG TT MC CARD185 PP	196g	178μ	Thermal Transfer	+	



Stapeled Tag's on wooden boxes or pallets.



Baggage name tags; Entrance ticket for events; Garment hang tags/Price tags.



Postal bag tag; Heavy bag ID tags.

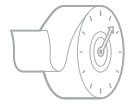
SERVICE

During the start-up phase, all stocks will be managed on a forecast basis. Based on a stock agreement between Avery Dennison and the customer, three months of predicted stock requirements will be held by Avery Dennison on a rolling basis. The materials can be shipped within 2 business days of placing an order. An initial setup period is needed to establish this arrangement.

If you are interested in other constructions or if you have any other questions, please contact your sales representative or send an email to rapidroll@averydennison.com

Visit our website to find out more
about the Rapid-Roll® portfolio.
label.averydennison.eu/rapidroll





Rapid-Roll® Fruit Tags

Attractive, strong and comfortable to carry

Fruit tags face big performance challenges. They need to be comfortable enough to act as a handle for a mesh net of fruit - and able to hold the required weight. They also need to look good on the shelf.

Avery Dennison® Fruit Tag materials offer both functionality and powerful graphics. Combining thermal paper with a foamed PP film, they allow the use of different printing techniques for graphics and barcode information.

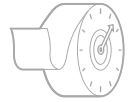
These materials answer distributors' and retailers' demands for practicality, brand identity and shelf impact.

KEY FEATURES

- > Strong tags that can support heavy weights
- > Soft touch for comfort
- > Can be stapled onto a net of fruit
- > Good moisture resistance
- > Food contact approved materials available
- > High end graphics quality for brand image

RECOMMENDED USES

- > Fruit bags
- > Potato bags
- > Onion bags
- > Soft handles to carry nets of produce
- > Applications requiring extra tensile strength



PRODUCT CHARACTERISTICS

The portfolio consists of four products in different calipers, and thermal papers with or without a protective coating. Avery Dennison offers different calipers to ensure both good layflat characteristics and price.

PRINT RECOMMENDATIONS

The coextruded film has a special printing layer with improved whiteness and smoothness for good print results with UV flexo. All conventional printing methods and standard filmic inks can be used. The reverse side is a thermal paper with standard sensitivity and resolution, for easy printing of variable information such as barcodes or price information.

Code	Description	Basis weight g/m ²	Caliper	Service
BG786	FRUITAG ECO240 WHITE FSC	175g	239μ	EXACT
BI398	FRUITAG ECO240 WHITE	175g	239μ	FTO
BI396	FRUITAG TOP240 WHITE FSC	185g	232μ	FTO
BI408	FRUITAG ECO200 WHITE	150g	202μ	FTO

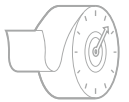
SERVICE

All materials are available in minimum order quantities starting from 1000m², shipped within 2 business days of placing an order.

If you have any questions, please contact your sales representative or send an email to rapidroll@averydennison.com

Visit our website to find out more
about the Rapid-Roll® portfolio.
label.averydennison.eu/rapidroll





Rapid-Roll® Synthetic Papers

High quality and great value tear-resistant films

Avery Dennison® Synthetic Papers give you tear-resistant white films that are extremely long lasting and durable - and which resist both humidity and chemicals.

The materials in this range are ideal for guillotining, perforating, stamping, binding, stapling, folding and hot or cold foil stamping.

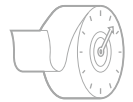
The strength and performance of Synthetic Paper matches performance and provides an outstanding price-to-quality ratio when compared with other tear-resistant films in the Rapid-Roll® portfolio.

KEY FEATURES

- > Stronger - more tear-resistant than many alternatives
- > Highly durable and resistant to moisture, grease and chemicals
- > Good UV stability
- > Food contact approved materials available
- > High print quality
- > Easy TT-print and barcode scanning
- > Optimal price-quality ratio

RECOMMENDED USES

- > Commercial maps or brochures
- > Luggage and logistical tags
- > Cut and stack labels
- > Wrist bands
- > Outdoor tags
- > Garment tags
- > Slaughterhouse tags
- > Heavy industry tags



PRODUCT CHARACTERISTICS

The portfolio of Synthetic Paper materials contains three different grades:

- > **Synthetic Paper 2S:** PP-based films with a special print-receptive matt clay-coating on both sides. Excellent print quality and a 'paper-like' feel.
- > **Synthetic Paper:** Uncoated, matt finished, calendered high density PE films with very good tear resistance and good print properties.
- > **Synthetic Paper XS:** Uncoated films that use a mix of high density PE and PP, with a matt finish and with excellent tear-resistance (XS stands for Extra Strong). Even after making an incision, these materials are difficult to tear further. They run very well in register on the press, due to the mix of PP and HDPE. These materials have a smoother side wound on the inside of the reel. When printed in thermal transfer we recommend to print on the smoother side of the film.

PRINT RECOMMENDATIONS

The workability of Synthetic Papers is similar to conventional paper, so these products give excellent performance with flexo, offset, letterpress, screen and flexographic printing methods, as well as thermal transfer printing. A smooth matt finish ensures the print quality and compatibility needed for many different applications.

Code	Description	Basis weight g/m ²	Caliper	Main applications	Other applications
Synthetic Paper 2S					
AB513	FASSON SYNTHETIC PAPER 2S-90	92g	120μ	Commercial printing maps or brochures, hand-writable tags with ballpoint pen, luggage tags, colour coding loop tags, netting tags, price tags, cut and stack labels, inserts in food packs, wristbands, outdoor ID tags, garment tags.	Horticultural loop around tags, logistics tags, ski passes.
AB514	FASSON SYNTHETIC PAPER 2S-110	112g	150μ		
AB512	FASSON SYNTHETIC PAPER 2S-130	130g	180μ		
AT514	FASSON SYNTHETIC PAPER 2S-140	140g	200μ		
Synthetic Paper					
AT515	FASSON SYNTHETIC PAPER 130	130g	120μ	Slaughterhouse tags, banderoles (e.g. asparagus), horticultural loop-around tags, logistics tags, ski passes.	Netting tags, price tags, cut and stack labels, inserts in food packs, wristbands, outdoor ID tags, garment tags.
AA709	FASSON SYNTHETIC PAPER 160	162g	150μ		
Synthetic Paper XS					
AJ024	FASSON SYNTHETIC PAPER 160XS	160g	150μ	Metal industry tags (warehousing & transport), lumber tags, gas bottle tags, harsh environment outdoor ID tags.	Slaughterhouse tags, netting tags, price tags, cut and stack labels, inserts in food packs, wristbands, outdoor ID tags, garment tags, horticultural loop-around tags, logistics tags, ski passes.
AL769	FASSON SYNTHETIC PAPER 190XS	190g	180μ		
AT517	FASSON SYNTHETIC PAPER 220XS	220g	200μ		

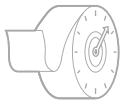
SERVICE

All materials are available in minimum order quantities starting from 1000m², shipped within 2 business days after placing an order.

If you have any other questions, please contact your sales representative or send an email to rapidroll@averydennison.com

Visit our website to find out more about the Rapid-Roll® portfolio.
label.averydennison.eu/rapidroll





Rapid-Roll® & Polyart®

The popular synthetic material that prints like paper

On the market for more than 40 years, well-known Polyart® remains the preferred choice for printers seeking a reliable and high quality synthetic paper. A unique extrusion and stretching process creates a biaxial oriented HDPE film – combining the advantages of paper with the durability of plastic.

Polyart® synthetic paper looks, feels, prints and converts like a premium matt-coated paper but stands up to water, outdoor exposure, grease and chemicals. It also resists tearing in both directions. No matter what converting method you choose, Polyart® is ready to work for you. It can be easily scored, folded, perforated, varnished, foil blocked and more, using standard converting equipment.

Applications involving frequent handling, humidity and outdoor use are a good match for Polyart®.

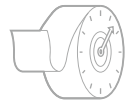
Polyart® is a registered trademark of Arjobex Limited.

KEY FEATURES

- > Excellent water, grease and chemical resistance
- > Superior tensile strength and tear resistance
- > Good resistance to UV light: up to 1.5 years outdoors
- > Retains flexibility at low temperatures down to -40°C
- > Food contact approved materials available
- > Highly conformable for irregular shapes
- > Allows smudge-proof Thermal Transfer printing (absorbent and water-resistant coating)
- > Excellent die cutting/high definition print with Polyart® 2S premium grade

RECOMMENDED USES

- > Menus
- > Manuals
- > Promotional flyers
- > Customized covers
- > Membership cards
- > Invitations
- > Luggage tags
- > Shelf hangers
- > Crate labels



PRODUCT CHARACTERISTICS

Polyart® is a high density polyethylene film. It can easily be scored, folded, perforated, varnished, foil blocked, stitched and more, using standard converting equipment. It is durable, almost completely tear-proof, resistant to most oils and chemicals, and water-resistant.

PRINT RECOMMENDATIONS

- > **Uncoated:** Good printability with flexography, gravure, letterpress, screen, offset and thermal transfer printing techniques. Excellent converting properties eg. guillotining, slitting, die cutting, drilling/hole punching. Note that Polyart® HS requires plastic ink systems as it has a non-absorbent surface.
- > **2S Coated:** The absorbent top coating provides a “paper like” surface for conventional printing methods, such as flexo, rotary screen, rotary letterpress and gravure. Prints on variable printing processes, such as dot matrix, industrial ink jet, cold laser and thermal transfer are also possible.

Code	Description	Basis weight g/m ²	Caliper	Application
Polyart® HS - Uncoated				
AD194	POLYART HS 130	130g	145μ	Slaughterhouse tags, banderoles, horticultural loop-around tags, logistics tags, ski passes.
AE244	POLYART HS 150	150g	160μ	
AK099*	POLYART HS 175	175g	190μ	
Polyart® 2S - 2 sided coated				
AB564*	POLYART 2S-75	75g	95μ	Commercial printing, maps or brochures, hand-writable tags with ballpoint pen, luggage tags, colour coding loop tags, netting tags, price tags, cut and stack labels, inserts in food packs, wristbands, outdoor ID tags, garment tags.
AG326	POLYART 2S-90	90g	110μ	
AG327	POLYART 2S-140	140g	175μ	
AG316	POLYART 2S-170	170g	215μ	
AG328	POLYART 2S-200	200g	250μ	

* Lead times on these products can be up to 4 weeks due to their special features.

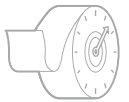
SERVICE

All materials have minimum order quantities starting from 1000m², shipped within 2 business days after placing an order.

If you are interested in other Polyart® grades, including products suitable for water-based inkjet or HP Indigo, please contact your regular Avery Dennison Sales Representative or send an email to rapidroll@averydennison.com

Visit our website to find out more
about the Rapid-Roll® portfolio.
label.averydennison.eu/rapidroll





Rapid-Roll® & DuPont™ Tyvek®

Lightweight, strong, durable and with great looks

Tear-resistant films are receiving more attention in the label industry, due to new and profitable opportunities. DuPont®'s Tyvek® is the answer to increasing consumer demand for complex applications – those requiring diverse attributes such as superior strength, UV stability, chemical and moisture resistance, superb graphics and more.

Unique physical properties make Tyvek® versatile, recyclable and printable. It combines the performance of paper, film and fabric.

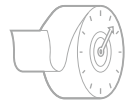
KEY FEATURES

- > Lightweight but strong
- > Water-resistant and tear-resistant
- > Wide variety of converting possibilities: die cutting, punching, folding, perforating, ultrasonic sealing and other
- > Sewing and stapling without linting; hole punching without losing strength
- > pH-neutral
- > Able to accept writing with a pen
- > Retention of properties from -73C to +100C
- > Soft 'cloth-like' feel

RECOMMENDED USES

- > Banners
- > Looparound tags
- > Hang labels
- > Maps & guides
- > Racing numbers
- > Wristbands

Tyvek® is a registered trademark of E.I. du Pont de Nemours and Company.



PRODUCT CHARACTERISTICS

The portfolio of Tyvek® materials contains three different grades. The 'standard' grade contains three Tyvek® films in different calipers for use in regular applications (see table below). Where barcodes and other very fine grids are being printed, we recommend the Brillion grade with its very smooth surface. There is also a grade with direct food contact approval, using a corona-treated Tyvek® film. If you require other Tyvek® films, which are not standard portfolio materials, please do not hesitate to contact us.

PRINT RECOMMENDATIONS

Standard Tyvek® and Brillion grades are corona and antistatic treated on both sides. Tyvek® food approved grades are only corona treated. All can be printed in UV-flexo, UV offset, HP Indigo (without applying a primer) and using various UV inkjet printing technologies.

Code	Description	Basis weight g/m ²	Caliper	Application
Standard Styles				
AO322	TYVEK 1057	55g	165µ	Racing numbers, mattress tags, plant tags, cushion tags, sea maps, biking maps, rally maps, snorkelling guides, nautical map books, instruction sheets.
AG239	TYVEK 1073D	75g	210µ	Banderoles, mattress tags, luggage tags, clothing tags, gas tank tags, maintenance manuals, snorkelling guides, instruction sheets, boat licenses and boaters' permits, pollution control document banners.
AG240	TYVEK 1082D	105g	275µ	Plant tags, large outdoor tags, spare parts tags (automotive).
Brillion Styles				
AP792*	TYVEK 4158D Brillion	55g	125µ	Tags and labels for barcode printing.
AO323	TYVEK 4173D Brillion	75g	155µ	Tags and labels for barcode printing.
AY283*	TYVEK 1071B	75g	180µ	Direct food contact approved. Typically used for sausage tags, retail applications, asparagus banderoles, fish tags.
AY586*	TYVEK 1073B	75g	180µ	Medical and pharmaceutical applications.

* Lead times on these products can be up to 6 weeks due to their special features.

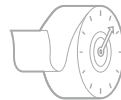
SERVICE

All materials have minimum order quantities starting from 1000m², shipped within 2 business days of placing an order.

If you have any questions, please contact your sales representative or send an email to rapidroll@averydennison.com

Visit our website to find out more
about the Rapid-Roll® portfolio.
label.averydennison.eu/rapidroll





Rapid-Roll® & Valéron®

Smooth, strong and durable

Valéron® TL is a durable cross-laminate, multi-layer HDPE for tough, indestructible and long-lasting (labeling and identification) applications. A smooth surface delivers high quality graphics with eye-catching designs. Valéron® TL maintains performance and appearance superbly over the long term.

Uncoated grades come with food approval and coated grades ensure high quality printing. This is a truly outstanding product for tags and labels across many industries and applications.

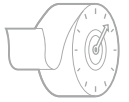
KEY FEATURES

- > Cross-laminate for highest tear strength
- > Unique tear propagation resistance
- > Puncture resistant & easy to attach
- > Compatible with all major printing technologies
- > Outstanding ink adherence & fast printing
- > Smooth coated surface
- > Coated and uncoated grades available
- > Long term UV stability
- > Extreme temperature performance from - 40°C to + 80°C
- > Food contact approved materials available
- > Recyclable/mono component material

RECOMMENDED USES

- > Construction
- > Timber industry
- > Food tagging
- > Agriculture
- > Distribution
- > Emergency and healthcare services
- > Automotive

Valéron® is a registered trademark of Illinois Tool Works Inc.



PRODUCT CHARACTERISTICS

Valéron® TL is a multi-layer polyethylene based cross-laminate. It is a very strong material that can be printed using almost any type of printing technology. A unique combination of mechanical and chemical properties makes it the material of choice for tough, durable and long lasting (printing) applications. Contact our technical specialists to help you find the best fit for your needs.

PRINT RECOMMENDATIONS

The corona treatment allows the use of the following printing technologies: thermal transfer, flexo standard, letterpress UV, offset UV, and rotogravure. The topcoated products allow the use of the following printing technologies: thermal transfer, flexo standard, flexo UV, offset UV and screen printing. The cross-laminated structure offers the ideal pattern for a high perforation resistance. Nevertheless, the product can easily be die cut, stapled or perforated using the recommended tools.

STANDARD STYLES

Code	Description	Basis weight g/m ²	Caliper	Coating	Application
AG463	VALERON 165	143g	165μ	None	Unprinted/white hang tags for thermal transfer encoding, like spare parts tags or metal industry tags (warehousing & transport). Also for applications requiring strength and direct food contact approval.
AE421	VALERON 215	183g	215μ	None	
AG464	VALERON 1S-175	153g	172μ	1 sided	Fully printed tags requiring high strength. Lumber tags, gas bottle tags, harsh environment outdoor ID tags. Not approved for direct food contact.
AG465	VALERON 1S-225	193g	222μ	1 sided	
BA941	VALERON 2S-185	163g	179μ	2 sided	
AG466	VALERON 2S-235	203g	229μ	2 sided	

SERVICE

All materials are available in minimum order quantities starting from 1000m², shipped within 2 business days of placing an order.

If you have any questions, please contact your sales representative or send an email to rapidroll@averydennison.com

Visit our website to find out more
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label.averydennison.eu/rapidroll



Additional Rapid-Roll® opportunities

In the previous pages, we have shown you many of our Rapid-Roll® portfolio options, highlighting product properties, potential applications and new markets you might want to consider.

We also offer many industrial liners and special papers. Our special paper choices include coloured and radiant papers, wine papers, metalized papers, gummed papers, offset papers and much more.

Whatever you need, our dedicated Rapid-Roll® team is here to help you expand your business.

For example, if you need to use a component from our self-adhesive range, we can often provide it via our finish-to-order (FTO) service - please ask your Avery Dennison sales representative.

If you are looking for a product that is not in any of our ranges, or not available from stock, we will use our broad network of suppliers to source the right product - whenever order quantities make that practicable.



Above all, if you want to expand into new markets, the Rapid-Roll® team is available to help you understand those markets. We can provide in-house training for your sales force. Avery Dennison has developed training that covers the flexible packaging market and other Rapid-Roll® applications, and we will be pleased to align on tailored training upon request.

RETAIL & GARMENT

Price Marking	HGW Premium Card	14
» Apparel / Clothes	MC Elite Card	14
» Accessories / Sunglasses / Jewelry	MC Elite Paper	16
» Hats / Scarves / Gloves	MC Primecoat	16
» Luggage	Thermal Transfer ECO	18
» Hardware	TriTag Multi Laminates	30
Product Identification		
On-Product Promotion		



TRANSPORTATION

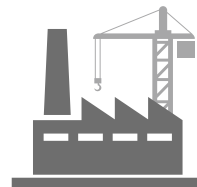
Baggage / Luggage Tags	MC TT Matt Paper	18
» Lost Baggage Tags	TriTag Multi Laminates	30
» Plane Side Check-In Tags	Tyvek®	38
» Reroute Tags		
» Stroller Tags		
» Weight Tags		
Parking Tickets		
Shipping Tags		
» Freight Tags		
» Postal Tags		
Transit Tickets		
» Boat / Ferry		
» Bus / Rail		
» Subway		



Application markets

CONSTRUCTION & MANUFACTURING

Asset Tags	Thermal Transfer	
Danger / Caution Tags	Paper & Card	18
Product Identification Tags	Transfer ECO Card	18
» Brick / Stone	MC TT Matt Paper	18
» Cable & Wire	Direct Thermal ECO Card	18
» Conduit	Direct Thermal TOP Card	18
» Logging	Synthetic Paper	34
» Lumber	Polyart®	36
Inventory Tags	Tyvek® Brillion™	38
Piecework Tickets	Tyvek®	38
Shipping Tags	Valéron®	40
Warning / Lockout Tags	Laser PET White 2S-135	-
Work-In-Process (WIP) Tags		



AGRICULTURE

Caracass Tags	Direct Thermal TOP Film	18
Crop Identification Tags	MC TT Matt Paper	18
Oyster box Tag	Synthetic Paper	34
Poultry Tags	Polyart®	36
Production Tags	Tyvek® Brillion®	38
Seed Bag Tags	Tyvek®	38
Shellfish Tags	Valéron®	40



HEALTH & BEAUTY

Flexible Packaging	MC Elite Card	14
Folding Carton	HGW Premium Card	14
» Cosmetic / Drug	Flexible Packaging	28
» Hair / Perfume		
Pharmaceutical Inserts & On-Pack Booklets		



FOOD & BEVERAGE

Bottle Neck Tags	MC Elite Card	14
Flexible Packaging	MC Primecoat Paper	16
Food pouches (dry soup)	PP White, PP Clear	20
Glue-Applied / Shrink Labels / Roll fed	White Opaque or Clear BOPP Film	20
Wrap-around Labels	Shrink Film (PET or PVC)	24
» Bottled Water	Flexible Packaging	28
» Sport Drinks	Fruit Tag	32
» Micro Breweries	Synthetic Paper	34
» Small Wineries	High Strength Bag Tie	34
» Regional Soft Drinks	Polyart®	36
Glue-Applied Labels	Naturel Bois, White Antique, Rustique Crème,	
Instant Redeemable coupons for promotions	Verge Crème, Fasson Linen	-
Net bag tags	Metallized Paper	-
Product Inserts	Wet Strength Beverage Label	-
» Meat / Fish / Sausage	Wet Strength Paper	-
Single web flexible of small portions packaging		
Sugar pouches, Condiments		



AMUSEMENT & ENTERTAINMENT

Event Ticketing	MC TT Matt Paper	18
» Amusement Parks	Direct Thermal ECO Card	18
» Art Galleries / Museums	Direct Thermal TOP Card	18
» Cinema, theater	TriTag Multi Laminates	30
» Concerts	Synthetic Paper	34
» Football Games	Polyart®	36
» Tourist Attractions	Tyvek® Brillion™	38
Wristbands	Valéron®	40
» Amusement Parks		
» Sporting / Recreation Events		



LAWN & GARDEN

Chemical Labeling	MC Elite Paper	16
Expandable Booklets	PE TOP White	20
Plant Stakes	PET White	20
Price Identification Tags	Synthetic Paper	34
Product Identification Tags	Polyart®	36
» Lawn / Garden equipment		
Self-Locking Tree Ties		
Trees, Plants		

The non-adhesive business prospects

Self-adhesive materials

what you need, when you need it

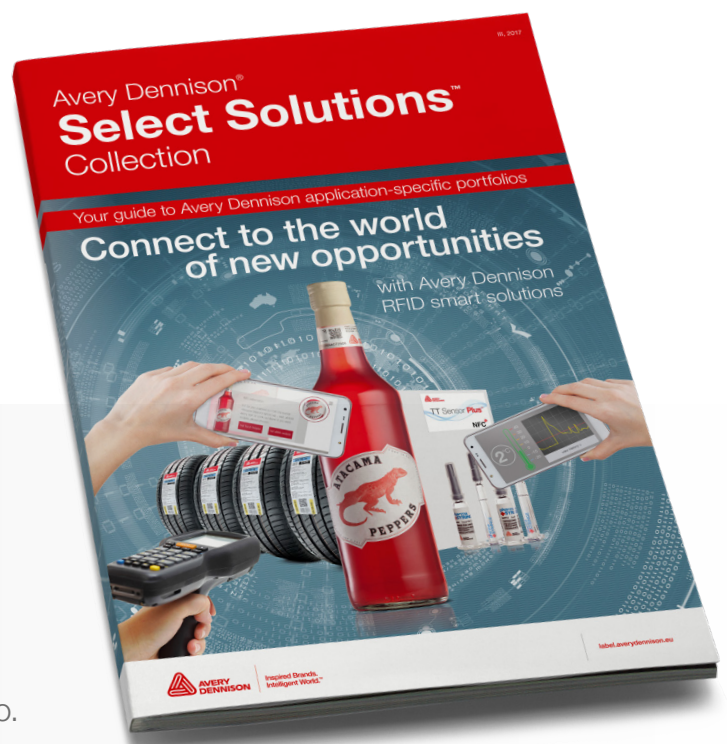
Make sure you also see our outstanding **Select Solutions™** portfolio. These high performance self-adhesive materials can help you differentiate and give your customers something unique. We can even create your own custom Engineered Solution.

The **Select Solutions** portfolio is complete with Fasson® EXACT™, Fasson Ready Width™ and Mix & Match™ service options.

View the catalogue or talk to your Avery Dennison sales representative.



Visit our website to find out more about our Select Solutions™ portfolio.
label.averydennison.eu/select



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Avery Dennison® **Rapid-Roll®** Collection

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