

RETHINK. RECYCLE. REUSE.
Together we can make a difference.

GREENER SOLUTIONS

YOUR ENVIRONMENT PRODUCT CHOICES FOR THE
PRINTING AND GRAPHICS INDUSTRY



OUR JOURNEY

For almost 90 years, Material Solutions has been at the forefront of our industry. Fundamental to our success, and deeply engrained in our culture, is a continuous drive to improve, develop and innovate.

In these unprecedented times of global climate change, it is imperative for every one of us to play our part in protecting our environment. As one of our core company values, we view sustainability as critical to our future growth strategy in terms of our business and our wider community.

We understand our responsibilities and every day we are working internally and, externally, with our key business partners to challenge our ways of working so that we can all positively contribute to environmental change.

There is not any one solution to repair the global climate crisis but actions we take will make a difference. Whether it is changing the cleaning products in our

offices, moving our car fleet to EV solutions, installing solar panels or working with our supply chain to provide more sustainable products. What is fundamental to us as a team is that we invest our time, energy and resources to drive change. Greener can mean better both in terms of the environment and the performance of the product itself.

This brochure has been developed in order to present to you the extent of our range of sustainable products. It is one small step on our environmental journey, but it is a step we believe we can build on in the coming years.

We look forward to you joining us in making a difference and in delivering positive change that will enhance our community in addition to a wider social impact.



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WHAT DOES FSC CERTIFIED MEAN?

The Forest Stewardship Council (FSC), is a non-profit organization that sets certain high standards to make sure that forestry is practiced in an environmentally responsible and socially beneficial manner. If a product is labelled as “FSC Certified,” it means that the wood used in the product and the manufacturer that made it, met the requirements of the Forest Stewardship Council. The FSC certification is considered the “gold standard” designation for wood harvested from forests that are responsibly managed, socially beneficial, environmentally conscious, and economically viable.

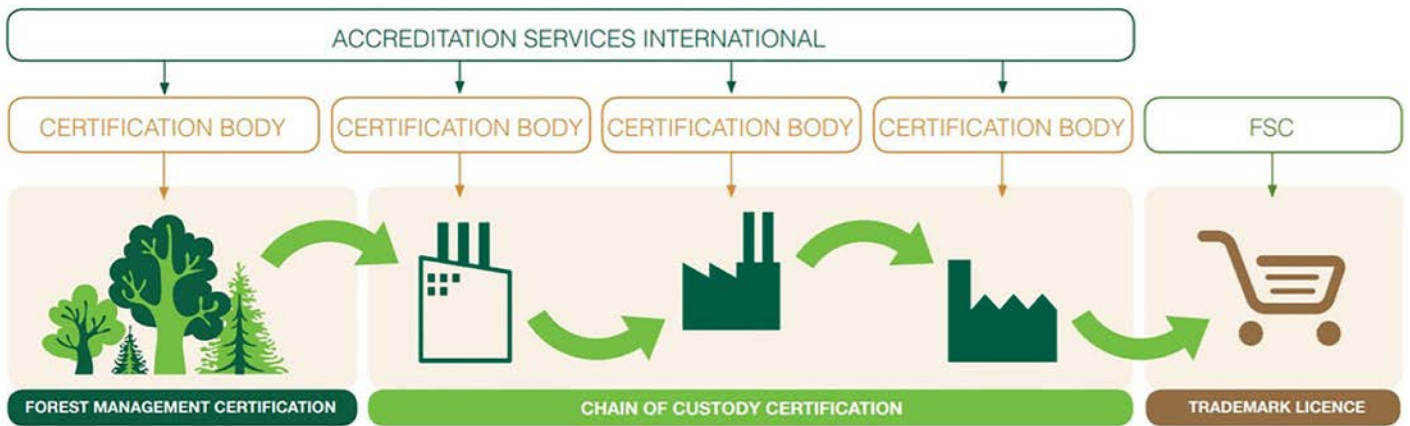
FSC’s “tick tree” logo is used to indicate that products are certified under the FSC system. When you see the FSC logo on a label, you can buy forest products with the confidence that you are helping to ensure our forests are alive for generations to come.



The mark of



Material Solutions is FSC® certified.



FSC runs a global forest certification system with two key components: Forest Management and Chain of Custody. The certification process is carried out by independent organizations called certification bodies, which assess forest managers and forest product companies against FSC standards. FSC certification allows companies to label their FSC products which then enables consumers to choose products that support responsible forest management.

Types of labels



There are 3 types of labels according to label title.

Elements of a label



*Compulsory element

01 Paper Based Products



Reach Certified

This symbol indicates that a product protects human health and the environment from the risks posed by chemicals and specifies safe methods for hazard assessment of substances without harming animals and the environment



Life Cycle Assessment Certified

This product has been systematically analysed of environmental impact over the course of the entire life cycle of a product, material, process, or other measurable activity.



ISEGA Approved

ISEGA is a testing institute that operates in the field of material and articles intended to come into contact with foodstuffs. ISEGA monitors compliance with the demands on food contact materials and conducts purity and residue analyses of various chemicals.



Recyclable

This symbol indicates that a product can be recycled, not that it has been recycled or that it is accepted in all recycling collection systems.



Recycled

The symbol may be accompanied by a percentage figure in the middle to explain that x% of the packaging is recycled.



FSC Certified

The Forestry Stewardship Council (FSC) symbol indicates that wood has been sustainably sourced, from well-managed forests, independently certified in line with FSC rules.

SB Solid

SUPPLIER: SWEDBOARD

A double sided 1mm board with SB liners on both sides to give consistent whiteness and convertibility. Perfect to print on and easy to convert for different constructions, both in digital cutting machines and traditional die cutting machines.

SB Solid Premium has an excellent surface that doesn't crack in any direction when bending it. The sealing of the print liner gives the benefit of not having to laminate or varnish the surface, in order to protect it.



SB Fibre

SUPPLIER: SWEDBOARD

A premium quality rigid structured paperboard suitable for volume production of complex 3D structures and for use in the retail, display and exhibition industries.

SB Fibre is not a standard honeycomb board. It is manufactured using a unique process that gives several advantages over the honeycomb production method including a dust free core when cutting and added strength. All SB Fibre products are constructed with premium quality SB liners.

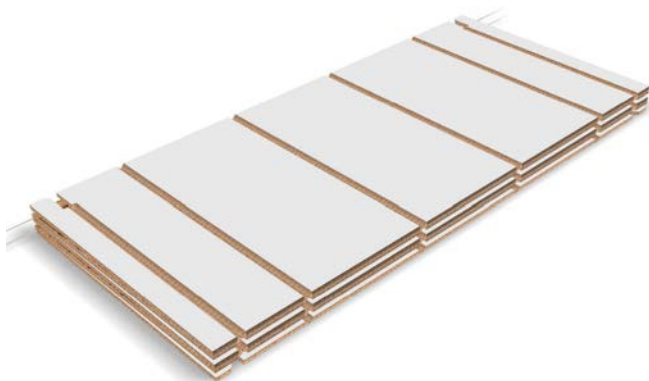
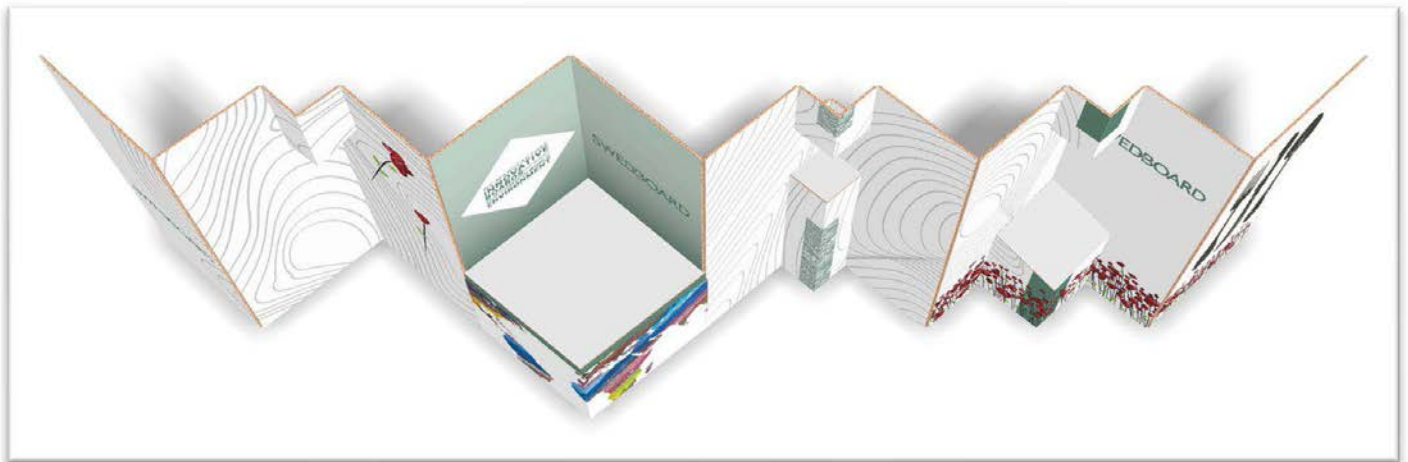


Z-Endless Board

SUPPLIER: SWEDBOARD



All Swedboard products are possible to order in an endless length with a height up to 2500mm. Swedboard have coined it the Z-Endless Board. The things you can create are uncharted territory. Only your imagination sets the limit on what and where you can create new and groundbreaking applications!



Scan code to see Swedboard accessories

DISPA®

SUPPLIER: 3A COMPOSITES

DISPA® are the sustainable display boards for screen and digital printing. They are made of FSC® certified paper and are 100% recyclable. With a nondirectional core layer, they provide optimal flatness and dimensional stability yet are still lightweight. The equally high level of rigidity is one of the main advantages over corrugated cardboard. The perfect solution for indoor promotion campaigns, hanging, ceiling mounted signs, display and POS/POP applications as well as for short-term outdoor applications and signage.



(FSC® C084766)

Corrugated Boards

SUPPLIER: CARTONNERIES DE GONDARDENNES (CGW)

Corrugated boards for printing and processing of Point of Sale displays or shelf ready packaging. A range of FSC papers, fluting from 90g to 160 g/m²

Test liners from 110g to 220 g/m²- Kraft Substitutes (KS) 125g and 185g/m² Whites in test or Kraft papers. White clay coated paper for flexo digital or offset printing and perfect for displays.



Solar Opaque

SUPPLIER: PYRAMID



A high-quality card totally opaque for POS printing across the litho, screen and digital disciplines. Ideal for double sided work and ideally for POS, display and exhibition applications.

Solar opaque paper sheets are 275gsm and are suitable for UV flatbed printers. This bright white and smooth paper sheet is strong, rigid and stable, making the process fast, efficient and easy.



Display Line Print

SUPPLIER: SOLIDUS SOLUTIONS



DISPLAYLINE board is smooth, stiff, stable and widely known for its quality finish and performance. It gives top-quality screen, offset and digital printing results.

Suitable for POS applications, hanging displays, dumper bins and small luxury boxes. This top quality dust free sheet has excellent printability and flatness.



Blueback Paper

SUPPLIER: KÄMMERER GMBH

You can rely on Chantaffiche paper for your short and long-term advertising campaigns. This 115g poster paper is ideal for outdoors thanks to its wet strength properties.

This paper has lightweight, high opacity and a coating that ensures high gloss of inks. Our Blueback paper is also weather resistant and easy to stick.



Whiteback Paper

SUPPLIER: KÄMMERER GMBH

Whiteback Paper is a superlight paper for posters and backlit advertising displays. This product literally puts the advertising message in the best light, without any direct evidence of the lamps in the box behind the poster.

It is suitable for indoor and outdoor advertising, illuminated structures, backlit display and posters. This paper has excellent wet strength and pasting properties as well as uniform transparency that enhances the intensity and contrast of colours.



EasySTYLE

SUPPLIER: NESCHEN



Keep up with shorter advertising cycles, changing interior trends or seasonal promotions with EasySTYLE. It is a fast and cost-efficient solution for many applications in interior or storedesign. Fast and easy application with PVC-free, paper-based surface. With no shrinkage and scratch-resistance these films are cost and time-efficient with easy removal without residue.

bsmart Styline

SUPPLIER: BSMART



STYLine® Hamburg 130 Sticky RG is an exceptionally high quality, digitally printable self-adhesive wallpaper that can be installed in seconds. The matt surface offers consistent vibrant colour coverage and ensures high quality prints. The self-adhesive backing allows for effortless install and a removable & repositionable bond to the wall. This paper has a homogeneous formulation with a soft-touch feeling. Its installation is quick and easy with no paste and glue needed.



Wall Wrap

SUPPLIER: MACTAC

The Mactac WallWrap Series opens up new horizons for designers and converters - across both exterior and interior design projects. New and exciting textures have been added to the range, so these materials offer more options than ever before.

Many different stop-and-look interior designs are within easy reach thanks to innovative high-performance products that take architects, designers and converters to the apex of creativity.



MPI 8520 Wallpaper

SUPPLIER: AVERY DENNISON

Access a whole new spectrum of creative possibilities with the MPI 8000 Series for wall decoration including a printable textile film, two printable textured wallpapers as well as other printable PVC-free films with pure canvas, crushed stone and natural stucco textures.

A choice of adhesives supports the creation of unique short-term and long-term printed solutions for wall decoration in hospitality areas, retail areas, exhibitions and more.





Mactac Wall Wrap

02 Recyclable Plastics



Polyethylene Terephthalate (PET) - easy to recycle

The most commonly used plastic in the world. In its resin form it's used to make bottles and containers for food and drink. The same polymer when used for fabrics is known as polyester. PET is strong, lightweight, hygienic and shatterproof. PET is easily recyclable and can also be made with recycled content.



High-Density Polyethylene (HDPE) - easy to recycle

High Density Polyethylene is extremely strong and durable so is used to produce corrosion resistant piping, building materials and packaging for thick, heavy liquids. HDPE is durable, strong and can be used with corrosive materials such as bleach. HDPE is easily recyclable and can also be made with recycled content.



Polyvinyl Chloride (PVC) - difficult to recycle

Polyvinyl Chloride can be made in two ways: rigid and flexible. Flexible PVC is used to make bottles, packaging and medical devices. Rigid PVC most commonly used in construction and plumbing as pipes, doors and windows. PVC in both rigid and flexible forms has high tensile strength, is durable, long lasting and robust. These products are not easily recycled.



Low-Density Polyethylene (LDPE) - manageable to recycle

Low Density Polyethylene is used to make carrier bags, bin liners, packaging films and other flexible items. LDPE is flexible, strong and can be used in corrosive environments. Manageable to recycle, check with your local collection service to see if they are accepting LDPE plastic items for recycling. You can often re-use these products as well.



Polypropylene (PP) - easy to recycle

Polypropylene is the second most commonly produced plastic, its versatility enabling it to be used in a huge range of applications. PP is colourfast, heat resistant, fatigue resistant and highly resistant to corrosion and chemical leaching. PP is easily recyclable and can be recycled in a closed loop four times before the process has a negative impact on the polymer.



Polystyrene (PS) - difficult to recycle

Polystyrene is most commonly known in its expanded form, used as protective packaging materials. It is also used in its rigid form to make food packaging such as yoghurt pots and disposable crockery, cd cases, petri dishes and disposable razors. These products are not easily recycled, however there are a few places that will accept and recycle them - this requires research.



Other forms of plastic (Other) - difficult to recycle

Seven is used to class all other types of plastics that do not fall into any of the other 6 categories. This includes acrylic, nylon, polycarbonate, bioplastics and plastic combinations. Very difficult to recycle, these products are not easily recycled or reusable, they simply go in the general waste bin.

UFabrik Backlit Textile FR

SUPPLIER: CMYUK

A pure polyester textile perfect for backlit and frontlit graphics. With a specifically developed top coating, this material is compatible with UV, Latex and Solvent inks, providing the ultimate in colour reproduction. It is crease and wrinkle-free on tension with no bruising or marking when folded, making it the ultimate material for all backlit applications in retail, event, and exhibition graphics.



FLAME PROTECTION: EN13501-1, DIN 4102-1- B1, NFPA 701 TEST1, JIS L 1091.

UFabrik Opaque Textile ECO FR

SUPPLIER: CMYUK

UFabrik Opaque textile ECO is an innovative blackout textile designed for ultimate colour reproduction with UV and Latex inks. It has a unique white print face made from 100% recycled plastic bottles and has a grey and black woven reverse made from 100% polyester, which ensures complete blackout plus total scratch and scrub resistance. This is a highly sustainable textile comprising 50% recycled content with 100% recyclable afterlife, and is Global Recycled Standard certified.



FIRE RATING: EN13501-1, DIN 4102-1-B1, NFPA 701 TEST1.

UFabrik Wallcover Canvas ECO Greyback FR

SUPPLIER: CMYUK



Sustainable, reusable and recyclable, this material is made from 80% minimum recycled plastic bottle SCS certified post-consumer waste. This is the most environmentally friendly grey-back canvas for one-piece paste-the-wall applications, wall coverings, roll-ups, and stretch canvas graphics. SCS Indoor Advantage™ Gold Certification means it contributes to better room air quality. It also meets the DIN EN 12956 standard for being dirt repellent and having a scrub resistance coating..



FIRE RATING DIN-4102 B1 & EN13501-1 STATUS.

UFabrik Flag Airmesh Textile FR

SUPPLIER: CMYUK



A lightweight and tearproof knitted beach flag textile with holes knitted into the fabric for efficient airflow. Designed for barrier jackets and flags, it can be printed dye sublimation direct or transfer.



FIRE RATING: EN13501-1, NFPA 701 & B1.

UFabrik Soft Backlit Textile FR

SUPPLIER: CMYUK

The very latest textile in dye sub backlit printing, Soft Backlit is a 190gsm 100% woven polyester textile designed specifically for backlit applications. A unique weaving process in its production ensures no pin holes and no need for a top coating. UFabrik Soft Backlit has an unrivalled white point with a soft and natural handle offering unparalleled image output. It is foldable, crease and bruise-free.



FIRE RATING: B1, EN13501-1 & NFPA 701.

Kavalan Butterfly Weldable Soft Blockout

SUPPLIER: CMYUK

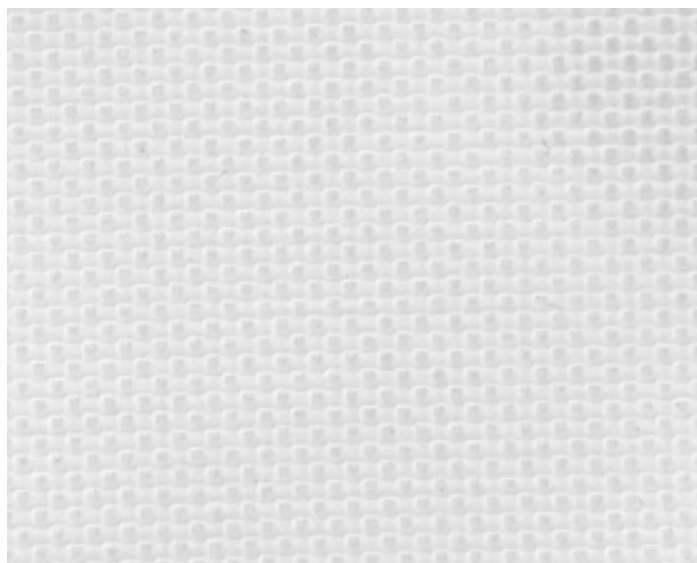
A double-sided PVC-free banner material made from polyester with a PVC-free resin coating. With the performance, look and feel of a traditional coated textile, it is perfect for indoor and short-term outdoor display and banner applications. Printable on both sides and compatible with UV and Latex ink It can be welded using hot and high frequency welding when used in conjunction with Kavalan PVC-free welding tape.



FIRE RATED: B1 / EN13501-1

Kavalan Sunlight Weldable

SUPPLIER: CMYUK



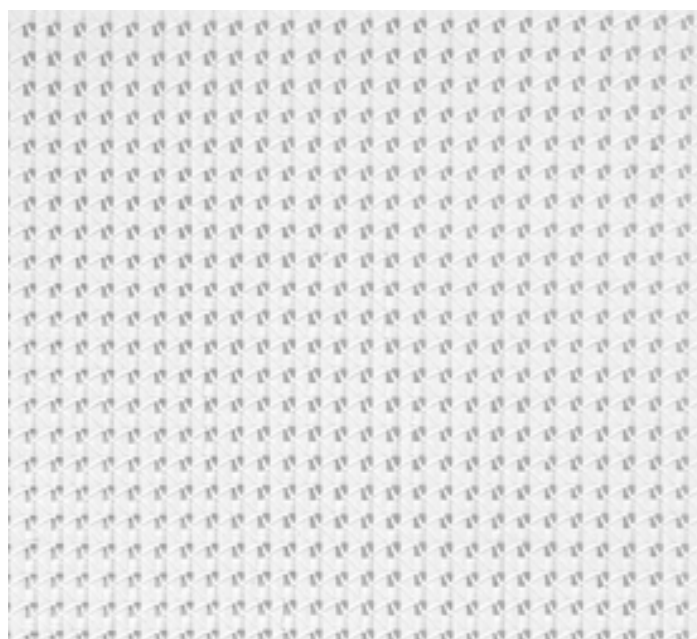
Sunlight Weldable is a frontlit banner material with a grey reverse. It is made from polyester and a PVC-free resin coating. With the strength, look, feel and performance of PVC banner, Kavalan Sunlight is a viable substitute for all indoor and outdoor banner applications. Compatible with UV and Latex ink. Sunlight can be welded using hot and high frequency welding when used in conjunction with Kavalan PVC-free welding tape.



FIRE RATING: B1 / EN13501-1 / TS62

Kavalan Spiderweb LINER

SUPPLIER: CMYUK



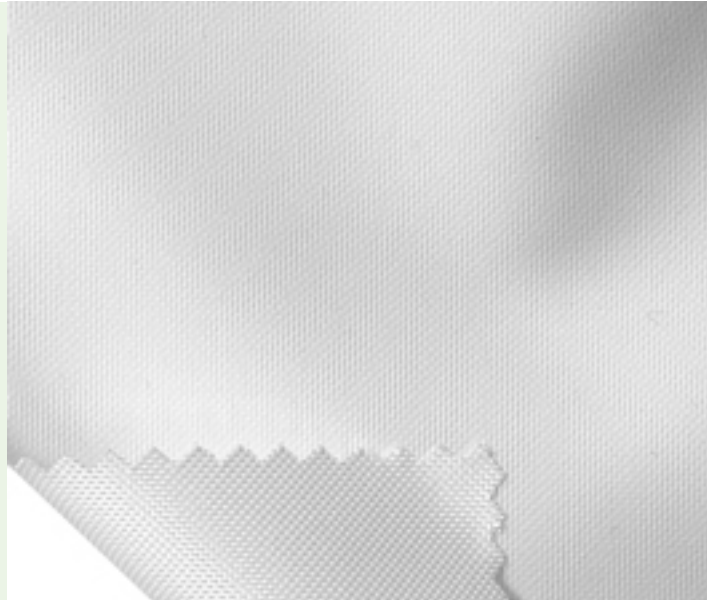
Spiderweb 300 Mesh Liner is a PVC-free banner material made from polyester and a PVC-free resin coating. With the performance, look and feel of traditional PVC mesh banner, it's an excellent choice for internal and external banner mesh applications. Compatible with UV and Latex ink sets, it's available in widths up to 5m wide and can be welded when used in conjunction with Kavalan PVC-free welding tape.

It holds tensile strength certification DIN 53354, meets tear resistance standard DIN 53363, and has been awarded Certifire – TS62 status.



PONGS Artist Mambo® (DirectTex®)

Artist Mambo® (DirectTex®) is high-performance backlit textile with a specially developed coating for direct or transfer sublimation. The soft uncoated white face performs exceptionally well under high percentage ink loads with no bleed, while the coated side can receive UV inks. Crease and bruise-free, this material recovers well under tension. OEKO-TEX certified, only water-based coatings used. Please note, PTX coated Artist Mambo® is available for UV and Latex ink technologies.



FIRE RATING: B-S1, D0 – DIN EN 135011

PONGS PES Theatre Soft (DirectTex®)

PES Theatre Soft is a popular and highly trusted textile for theatrical and event backdrops. Manufactured from pure polyester, this canvas has an ideal weight of 315gsm. It boasts a universal coating making it compatible with dye-sublimation direct or transfer and UV processes. It is certified by HP for use with its Latex inks. OEKO-TEX certified, only water-based coatings used.



FIRE RATING: B-S1,D0 – DIN EN 13501-1,

Kavalan Sunlight Weldable Frontlit Banner

SUPPLIER: CMYUK



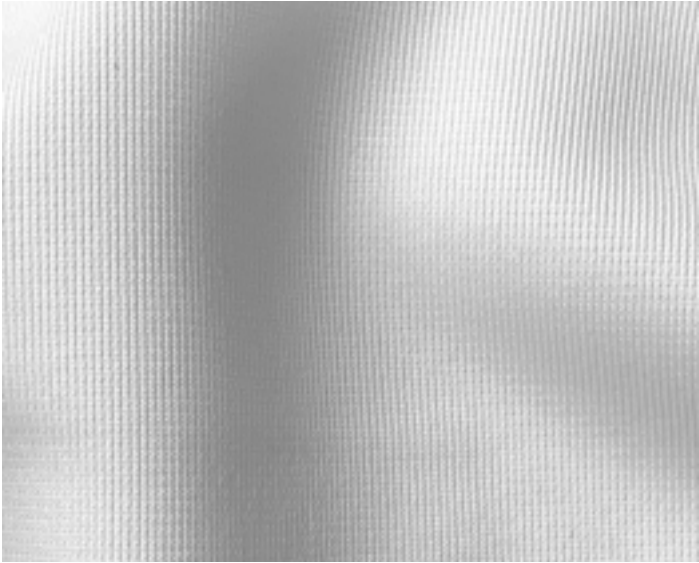
Sunlight Weldable is a frontlit banner material with a grey reverse. It is made from polyester and a PVC-free resin coating. With the strength, look, feel and performance of PVC banner, Kavalan Sunlight is a viable substitute for all indoor and outdoor banner applications. and secondary tensile strength certification BS 3424 part 4.6. It is both REACH and (LCA) approved. Compatible with UV and Latex ink. Sunlight can be welded using hot and high frequency welding when used in conjunction with Kavalan PVC-free welding tape



FIRE RATNG: B1 / EN13501-1 / TS62

PONGS Softimage Elastico® (DirectTex®) FR

SUPPLIER: CMYUK



Softimage Elastico® is an industry-leading elastic textile made from 100% knitted polyester. It is crease-resistant, stretchable from 6-12% and easy to work with, making it ideal for stretch pop-up, hop-up, and snake systems. Other applications include table/chair coverings, sculptural and acoustic arrangements too.

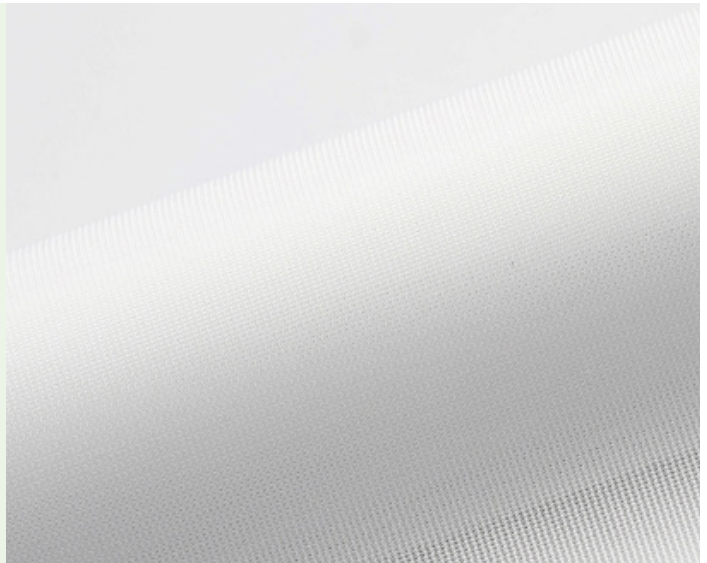


FLAME PROTECTION: B-S1,D0 – DIN EN 13501-1, M1 – NF P 92 503-

PONGS Flag Supreme (DirectTex®) FR

SUPPLIER: CMYUK

A knitted flag textile designed for water-based dye ink. It can be dye sublimated using direct or paper transfer printing methods. It is tear-proof and designed for all flag applications. Media applications include exhibitions, retail, interiors, fire rated graphics, flags, textiles, and soft signage.

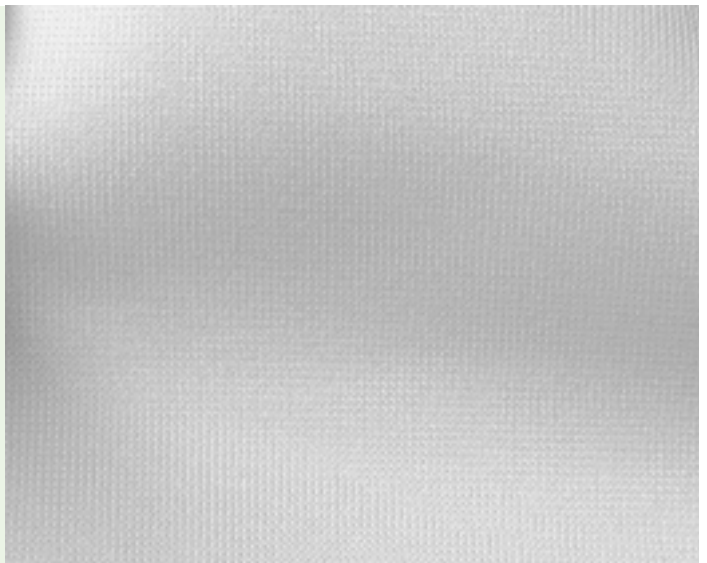


FIRE RATING: B1, M1, EN 13501-1

PONGS Softimage Creaseless Premium (DirectTex®)

SUPPLIER: CMYUK

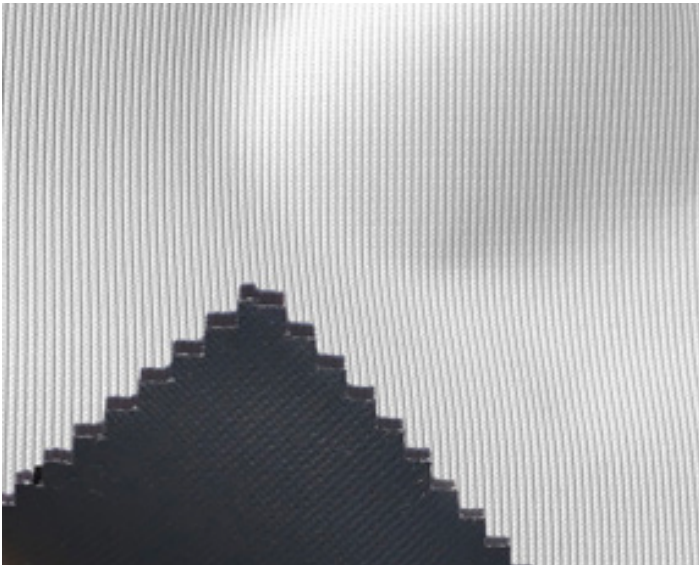
Softimage Creaseless Premium® is a true creaseless display textile with a dense knit giving 70% opacity. Designed for tension frame systems, banners and tablecloths, it can be printed with dye-sublimation direct or transfer, UV, and Latex processes. This textile demonstrates excellent stretch and recovery with bold colour reproduction.



FIRE RATING: B-S1,D0 - DIN EN

PONGS Softimage Contrast® (DirectTex®) Black-Back

SUPPLIER: CMYUK

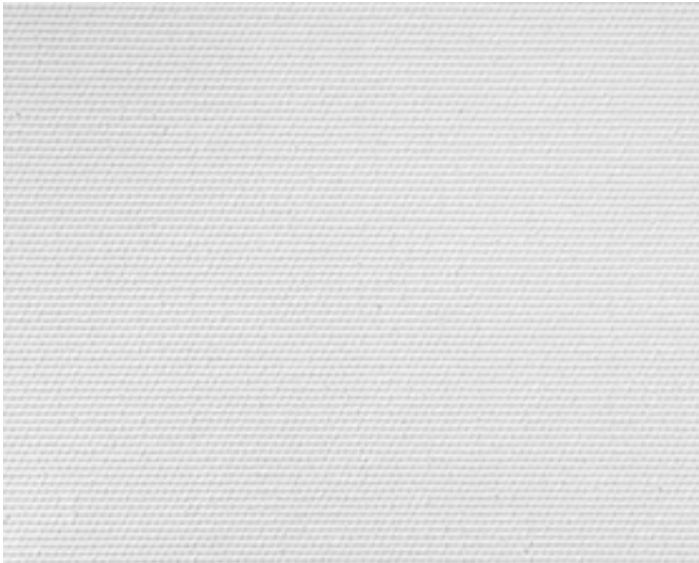


Softimage Contrast® is a high quality 100% polyester textile that has a blackout coated reverse. With a universal coating that is compatible with dye-sublimation direct, transfer and UV print processes; it is ideal for expo walls, frame wraps plus high-quality backdrops for the retail and event sectors. Softimage Contrast® has a bright white print surface and an anti-scratch black backing. It is regarded as the ultimate blackout textile.



Kavalan Gecko320 Greyback

SUPPLIER: CMYUK



A grey back digital print material made from polyester with a PVC-free resin coating. It can be used in display systems and also as a one-piece paste-up wall covering. It's with EN-71, 33P, and ROHS. It is available in widths up to 5m and can be used with both Latex and UV inks.

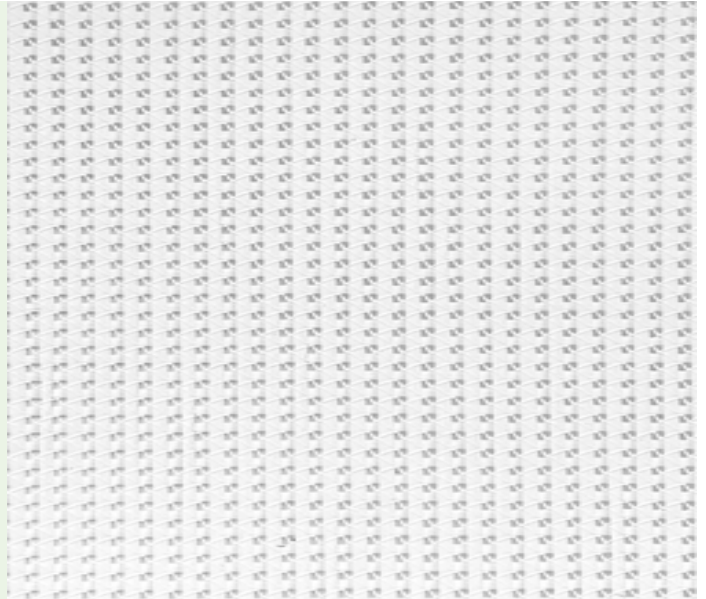


FIRE RATING: B1 AND EN13501-1

Kavalan Spiderweb 300 Mesh

SUPPLIER: CMYUK

A PVC-free banner material made from polyester with a PVC-free resin coating. It has the performance, look, and feel of traditional PVC mesh and is a proven alternative for all internal and external banner mesh applications. Compatible with UV and Latex ink sets, it is available in widths up to 5m wide. It can be welded using hot weld or high frequency welding when used in conjunction with Kavalan PVC-free welding tape.



FIRE RATING: B1 AND EN13501-1

UFabrik Opaque Textile (DirectTex®)

SUPPLIER: CMYUK

An innovative blackout textile designed for ultimate colour reproduction with UV and Latex inks. It has a unique white print face made from 100% recycled PET plastic bottles and has a grey and black woven reverse made from 100% polyester, which ensures complete blackout plus total scratch and scrub resistance. This is a highly sustainable textile comprising 50% recycled content with 100% recyclable afterlife.



This textile is Global Recycled Standard certified



FLAME PROTECTION: EN13501-1, DIN 4102-1-B1, NFPA 701 TEST1.

UFabrik Backlit Textile ECO FR Black-Back

SUPPLIER: CMYUK



UFabrik Backlit ECO is an innovative backlit textile produced from 100% recycled PET plastic bottle waste. Produced to the highest standards ensuring stunning backlit and frontlit applications, it is top coated for use with UV, Latex and Solvent inks, and ensures brilliant colour reproduction. Crease and wrinkle-free on tension with no bruising or marking when folded, it's the ultimate material for all backlit applications in retail, event and exhibition graphics. This textile is Global Recycled Standard certified and also compliant with the California Proposition 65.



FIRE RATING: DIN 4102-1-B1 & EN13501

PONGS Eco-Beach Jersey (DirectTex®)

SUPPLIER: CMYUK



Eco-Beach Jersey (DirectTex®) is a lightweight and tearproof knitted beach flag textile that has holes knitted into the fabric to aid efficient airflow. Designed for barrier jackets and flags, it can be dye sublimated using both direct and paper transfer printing methods.



FIRE RATING: B-S1,D0 - DIN EN 13501-1

UFabrik Beach Flag Belt Black

SUPPLIER: CMYUK

UFabrik Beach Flag Belt is a quick and effective method of securing a strong elasticated edge to a flag. Media applications include flags, barrier/fence jackets, external graphics, textile finishing (taper, fixing and sewing) and soft signage.



UFabrik Silicone Profile

SUPPLIER: CMYUK

The original 100% Silicone bar used by a large part of the global print industry. We hold the standard 14mm x 3mm size that is the most common for lightboxes and display frame graphics, as well as 12mm and 9mm sizes compatible with other frame systems on the market. Silicone is a natural substance that can be reused and is completely safe for end-of-life incineration.



Kavalan PVC-free Snail Tape

SUPPLIER: CMYUK



Snail Tape is the PVC-free welding tape produced by Kavalan for use when welding Kavalan PVC free banner materials. It results in a 100% PVC-free graphic that holds the strength and durability of a standard PVC application.



Exhibition „365” (Fuenlabrada, Spain) | Artist: Eugenio Recuenco | Project: Clorofila Digital, MEEVO Group, PONGS® Group
Exhibition at CEART (Centro de Arte Tomás y Valiente de Fuenlabrada)
Implemented solution: Digitally printed and backlit Artist Mambo, Softimage Contrast

DIALUX R-50 SI 129

SUPPLIER: FOLEX

One sided satin coated translucent polyester film made of at least 50% recycled for light boxes and other backlit displays. Extremely high colour density, brilliant, true colour reproduction with or without back lighting (Day&Night).

Can be laminated right to the edges with perfect flatness. Low-reflective printing surface and very good consistency against condensed water when used in outdoor light boxes.

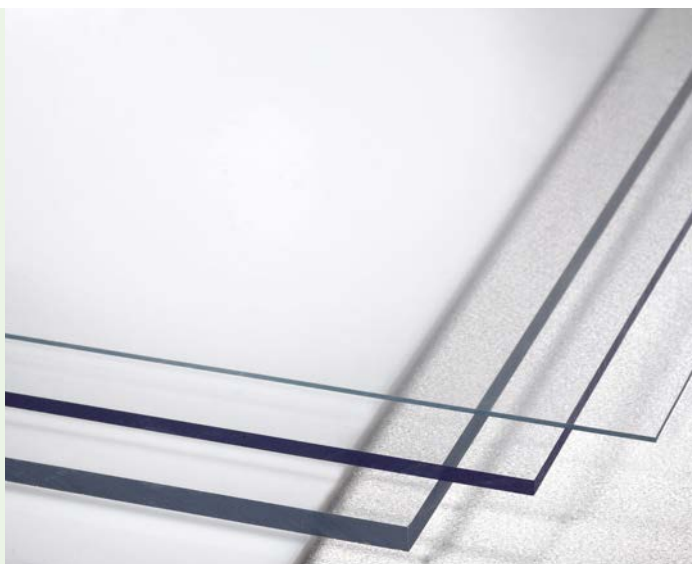


HIPEX® G

SUPPLIER: 3A COMPOSITES

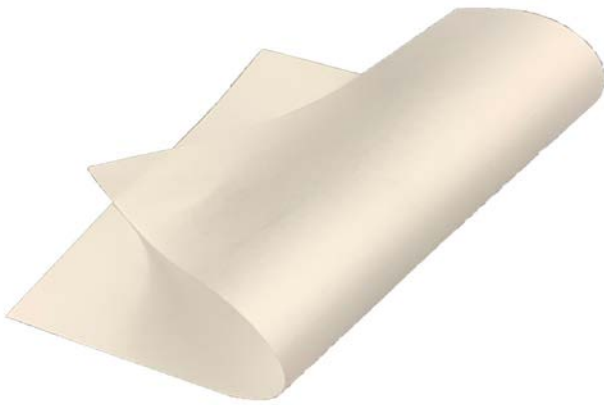
The HIPEX® product range includes extruded A-PET and PET-G thermoplastic polyester sheets. These sheets are characterized by their impressive impact strength, outstanding transparency, excellent printability with UV-resistant inks, plus their fast and easy processing options.

The HIPEX® product range is ideal when it comes to forming. It is especially suited for cold-bending applications, HIPEX® sheets are recyclable within their own category of plastic waste.



bsmart PET Grey Back

SUPPLIER: BSMART



Our bsmart grey back film is PVC free. This film is flat, has high opacity and dimension stability anti-curling.

This film is suitable for pop-up and roll-up displays as well as a wide range of close viewing indoor applications.

It is suitable for eco, solvent and latex printing.

bsmart PET Backlit

SUPPLIER: BSMART



Designed for top quality graphic arts application in light boxes. Super flatness, pure polyester film. High and low temperature resistant. The matt back makes it anti-slip, anti-static, light diffusion and no light shade from backside.

Suitable for eco, solvent and latex printing.

bsmart Polyester Fabric Pearl

SUPPLIER: BSMART

Our luxurious polyester fabric with high colour densities and vibrant colours. Fabric Pearl is solid and durable material which does not fade easily. The soft hand and easy drape make it a good choice for POP, trade shows and custom applications.



bsmart Solvent Photo Paper

SUPPLIER: BSMART

A matt photo paper with double PE film coated, high colour densities and vibrant colours. It is suitable for eco, solvent, UV and latex printing.

Material: Polyolefin



bsmart Polyester Canvas

SUPPLIER: BSMART

A polyester canvas that supports high-precision image output printing, bright colors, good texture for painting, with ageing resistance.

Widely used for indoor decoration and short term outdoor.



SI 439 Active Release

SUPPLIER: FOLEX



Recyclable roll-up display PP film white matt with grey back, printable with solvent, UV and latex inks. By using the "Split-and-Recycle-Technology" 65% of the PP film can be reused after use. To reduce the amount of residual waste, the print graphic is simply removed and disposed of after use.

This greyback film provides a high brilliance of colours, good scratch resistance, low reflective printing surface with white satin face.



bsmart AB 190SP

SUPPLIER: BSMART



AB190 SP is a plasticiser free, 200 micron white satin matt top-coated polypropylene film. This product is both tear and water resistant, and is suitable for POS/POP display, posters, banners and general signage. Suitable for printing with HP Latex and UV Ink-Jet Inks.

Product is suitable for POS /general signage, trade show exhibitions, window graphics, mounting to boards, flat surfaces. This product has 1 year outdoor life depending on substrate and excellent dimensional stability.



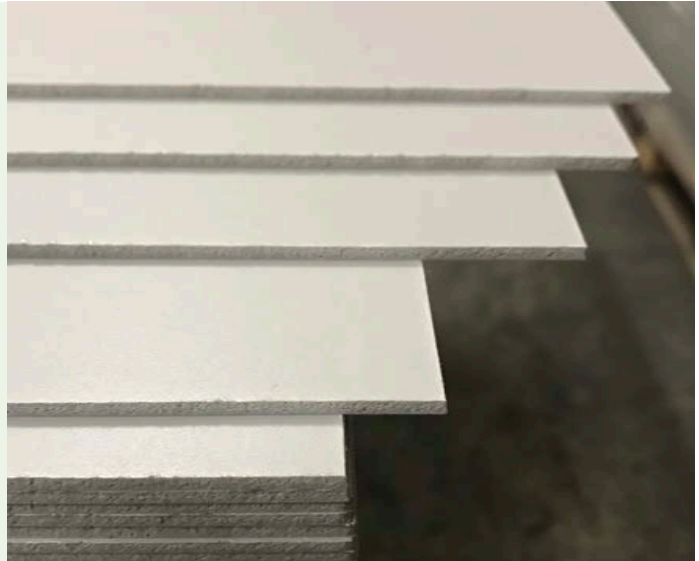
Maplon

SUPPLIER: MAPAL

Maplon® sheets are designed to be used in various technologies in the printing industry, including screen printing, offset and digital. All sheets and rolls are corona treated on both sides with 1 year guarantee.

Maplon® sheets are used in signage, POP, POS, labels, flower tags, packaging, stationery.

Colours: Clear, whites and various standard colours and opacities.



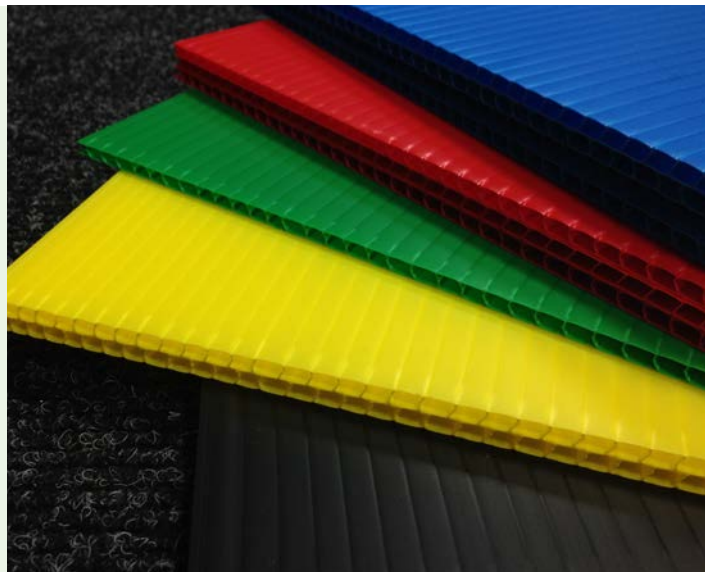
Corriplast

SUPPLIER: ENPLAST

Corriplast is an extruded polypropylene twin wall sheet, used for a wide range of sign, advertising, packing and construction applications. It is used for short to medium term signage and is commonly used for election posters. It is lightweight yet strong, durable and tear & crack resistant.

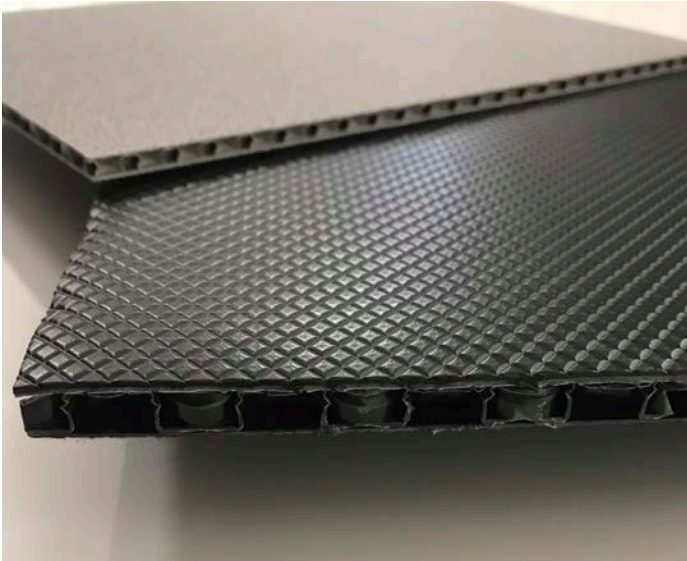
Corona treated, it is the perfect substrate for printing for indoor and outdoor applications. It withstands moisture, greases and most chemical agents and will protect your product against these aggressive influences.

Available in a range of colours.



Bubble Guard

SUPPLIER: IMBALLAGGI PROTETTIVI



Bubble Guard® BOARD is a rigid, lightweight honeycomb polypropylene sheet which, unlike many other similar products, is the result of 3-layer in-line co-extrusion without using any glues. It has multi-directional strength.

The key advantage is its lightweight: Our Bubble Guard® board sheet weighs 60% less than a same-thickness compact sheet.

Available in a range of colours.



PolyCraft®

SUPPLIER: MAPAL



PolyCraft® sheets are designed to meet the specific needs of high impact marketing materials such as printed exhibition boards, signs, POS and POP displays. Due to their high resistance to UV light, these sheets are ideally suited to outdoor advertising displays, performing much better than PVC sheets.

They are suitable for either screen or digital printing, and can be embossed using matt or quartz techniques. Unlike PVC, PolyCraft® can be safely cut using lasers.

Available in a range of colours.



03 Non-PVC Products





Why Non-PVC?

PVC is the most environmentally damaging plastic. The PVC lifecycle -- its production, use, and disposal -- results in the release of toxic, chlorine-based chemicals. These toxins are building up in the water, air and food chain.

Recycling of PVC plastic is not a solution to the environmental problems created during its production and use. While most plastics do not get recycled, PVC is the worst offender -- it's the least recyclable of all plastics. This is because PVC items contain so many additives that recycling would be impractical and expensive.

Organoid

Natural Surfaces

Organoid Natural Surfaces are authentic handcrafted materials with self-adhesive backing. Using natural raw materials, the Organoid products provide a one of a kind experience, engaging almost all of your senses.

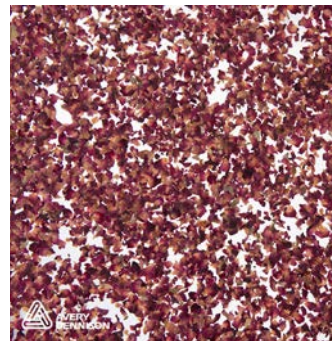
Offering endless unique, nature-inspired interior design possibilities. All with direct bonding from smooth, plastered and painted walls to textured concrete surfaces, as well as windows. Organoid Natural Surfaces Interior Decoration product line enables you to bring the outside in and makes every space a truly unique experience.



We offer seven unique wallpapers, each one hand-made with raw materials. There are opaque and translucent options to suit any indoor application.



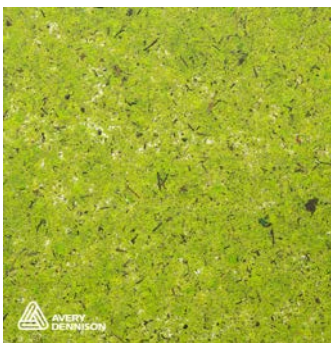
Apline Hay



Rose Petals



Skellet Leaves



Bright Green Moss



Dark Green Moss



Mountain Hay
Marguerites



Sunflower Petals



Bright Green Moss



Rose Petals





Squid Window Film

MPI 8826 Wall Film

SUPPLIER: AVERY DENNISON

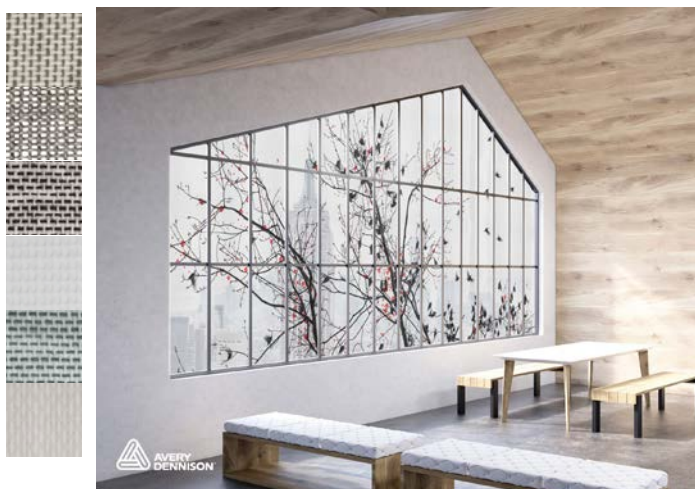
A printable textile film as well as printable PVC films with pure canvas, crushed stone and natural stucco textures. A choice of adhesives supports the creation of unique short- and longer-term printed solutions for wall decoration in hospitality areas, retail areas, exhibitions and more.

Films can be applied without the need for primer, and excellent opacity ensures that the underlying wall is completely concealed.



Squid

SUPPLIER: AVERY DENNISON



Squid® is a self-adhesive and printable textile that gives you brand new options for interior window decoration, proving a big hit across interior design and architectural applications.

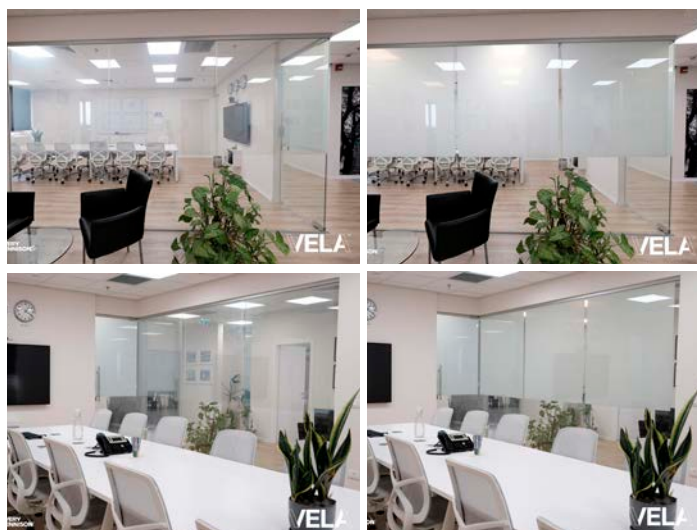
It's the straightforward way to create fresh new looks in homes, offices, hotels and public spaces. Squid can be applied on glass partitions and windows of any size and shape, in all types of rooms, from offices to bathrooms.



FIRE RATING: B-S1,D0 (EN 13501-1)

Vela™ Smart Film

SUPPLIER: AVERY DENNISON



Vela™ Dynamic System is a sophisticated and innovative new product from Avery Dennison, designed to enhance the appearance and functionality of interior spaces.

Ideal for use in open concept offices with glass rooms and dividers, Vela™ Dynamic System transforms from transparent to a beautifully, frosted opaque with the flick of a switch, providing privacy on-demand and useful whiteboard applications.



Alldecor 2D

SUPPLIER: DECAL

Decal alldecor 2D range gives space to imagination in interior decoration. Combining aesthetics and design with effectiveness and functionality, it is perfect for those who buy, apply and enjoy. We introduce our textured polypropylene (PP) films, which create new atmospheres and generate new sensations with versatility, safety, resistance, ecology, and easy cleaning.



bsmart Textile Samba Backlit

SUPPLIER: BSMART

A polyester woven, water-proof fabric for backlit use with one side coated for latex and UV. This product is designed for short-term outdoor use and produces high quality backlit images. It is used for backlit, pop-ups, tents, sun umbrellas and frame systems.

Also available in antimicrobial.



SP 3523 Matt Opaque

SUPPLIER: AVERY DENNISON



Avery Dennison® SP 3523 Opaque Matt, introduced as part of the Sustainable Print portfolio, designed to provide a more sustainable alternative to PVC products. As the latest addition to the popular 3000 series, it is an outstanding choice for short-term promotional graphics - in stores, at events and in many other indoor locations. Easy and fast application is made possible by good rigidity of the film

Material: Polyolefin

SP 1504 Easy Apply

SUPPLIER: AVERY DENNISON



The SP 1504 Easy Apply™ is a premium digitally printable film that is also PVC-free. A more environmentally friendly choice that also delivers high performance. Excellent printability delivers stunning colours, is highly conformable and repositionable. Corrugations, curves and rivets are quick and easy to wrap. Suitable for both indoors and outdoors, the SP 1504 Easy Apply™ can be used for many applications, including customised designs for private vehicles and branded fleet wrapping.

Material: Polyurethane

Avery Polyester Films

SUPPLIER: AVERY DENNISON

A range of products that are used for a wide variety of graphics.

- High tensile strength films
- Excellent solvent and chemical resistance
- Excellent adhesion to a wide range of substrates
- Bright silver colour, enhancing luxury appearance
- Attractive 'brushed metal' appearance of Avery Dennison 772 Durable, permanent adhesive
- High transparency of Avery Dennison 710 T



Avery Dennison 710 - gloss transparent
Avery Dennison 710 - gloss chrome
Avery Dennison 711 - satin chrome
Avery Dennison 772 - brushed chrome

SF 100 Ultra Clear Removable Polyester Film

SUPPLIER: AVERY DENNISON

It's easy to turn your glass panels or windows into impressive selling tools with SF 100 Ultra Clear Removable Polyester films from Avery Graphics. The SF 100 series uses super clear film and adhesive that allows full window coverage. So, the unprinted area maintains glass clarity without the need to cut around the image and the installation is fast and easy.

Offering a high gloss face for great image clarity and colour pop, SF 100 Ultra Clear films make retail, office and POP/ tradeshow graphics on glass sparkle.



DOL 4100 Ultra Clear

SUPPLIER: AVERY DENNISON



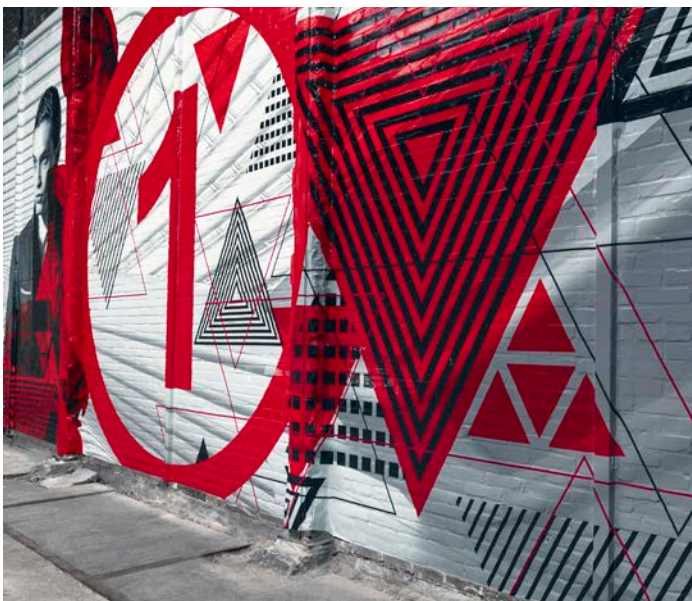
Avery Dennison DOL 4100 is a super gloss overlaminating film for special use on Avery Dennison perforated window films to guarantee optimal adhesion performance of the perforated window film.

- High clarity.
- High abrasion resistance.
- Excellent dimensional stability.
- Good resistance to chemicals and solvents.
- Excellent adhesion.
- Excellent resistance to automatic washing cycles.



DOL 4300 Anti Graffiti

SUPPLIER: AVERY DENNISON



Avery Dennison DOL 4300 Anti Graffiti is a high gloss overlaminating film that can be put on a wide range of (digitally) printed media.

This product has high clarity, excellent adhesion and allows easy removal of graffiti. Used on images created by screen printing or digitally printed images, our DOL 4300 has good resistance to UV radiation and outdoor exposure conditions, high abrasion resistance, excellent dimensional stability and good resistance to chemicals and solvents.



Permaguard 7034

SUPPLIER: MACTAC

PG 7034 is a gloss polypropylene film coated on one side with a clear solvent acrylic pressure sensitive adhesive.

The adhesive is protected by a clear polyester release liner that provides complete visual inspection of the product, easy liner removal and a distortion-free adhesive surface.



Wall Wrap Smooth Textile

SUPPLIER: MACTAC

Find inspiration and freedom for wall decoration. The textured finishes feature deep embossing, so you can create not only stunning visual effects but also the 'feel' that makes a wall stand out. Whether you choose a smooth or textured solution, these WallWrap papers deliver great printed results on all main printing platforms*. Easy application completes the picture, allowing you to imagine and implement brand new spaces in a surprisingly short time.



FIRE CERTIFIED: C-S1,D0 (EN 13501-1)

JT 5409 RUV

SUPPLIER: MACTAC



Ultra-Clear, gloss non-PVC film for short to medium term advertising on glass surfaces.

Glass window advertising, displays, signboards, backlit applications (internally illuminated signs). The film is 100% phthalate & chlorine free! Especially designed for wide-format UV inkjet printing using flexible UV inks.



FIRE RATING: B-S1,D0 (EN 13501-1)

Mounting Film - PP 2018 M

SUPPLIER: MACTAC



The PERMACOLOR system is a series of pressure-sensitive products used for mounting and protecting in the photographic and graphic industries. Pressure-sensitive PERMACOLOR provides fast, efficient processing through roll lamination techniques without the need for heat or drying.

PP 2018 consists of a thin polyester film coated on both sides with an emulsion based acrylic adhesive and has medium tack, medium adhesion and medium cohesion.



Permaguard 7075

SUPPLIER: MACTAC

PERMAGARD 707 is a 75µ high gloss polyester film coated on one side with a clear solvent acrylic pressure sensitive adhesive.

The adhesive is protected by a clear polyester release liner that provides complete visual inspection of the product, easy liner removal and a distortion-free adhesive surface. Specially designed for the overlamination and protection of photographic images and high quality posters. Anti-graffiti qualities.



Permaguard LUV 7036

SUPPLIER: MACTAC

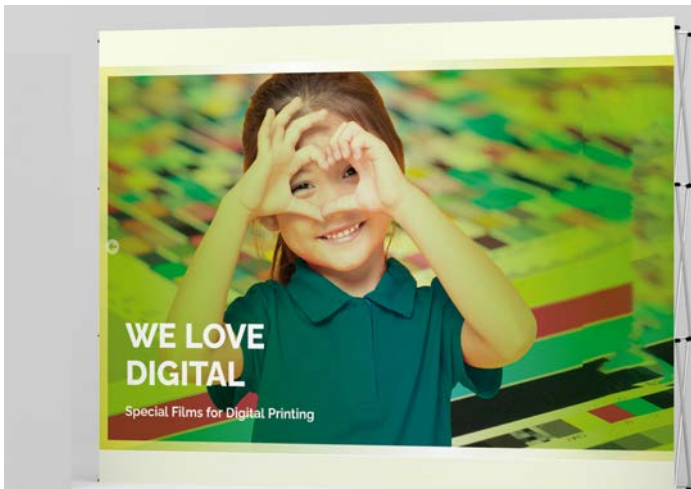
LUV 7036 is part of the PERMACOLOR series of pressure-sensitive products which are used for mounting and protecting in the photographic and graphic industries.

Pressure-sensitive PERMACOLOR provides fast, efficient processing through roll lamination techniques without the need for heat or drying.



SI Pop-up Films

SUPPLIER: FOLEX



Pop-up displays, banner, PoS, exhibition displays with a high quality polyester base, high opacity light barrier with, premium, silver look reverse, gives high brilliance colours, stable temperature, no curl and perfect flatness, low-reflective printing surface and good scratch-resistant coating. It is compatible with solvent based, UV-curable and latex inks.

Products in the range: SI 165 and SI 465



SI Roll Up and Display Films

SUPPLIER: FOLEX



Roll Up and Display Films in a high quality polyester base with high gloss coating, nano pigmented, high brilliance of colours, very fast ink absorption, stable temperature, not curl and perfect flatness. Compatible with solventbased, UV-curable and latex inks.

Products in the range: SI 164, SI 464, SII 466, SI 467 and SI 484



DIALUX SI Backlit Films

SUPPLIER: FOLEX

Specially designed for light boxes and other backlit displays, our backlit films are cost effective printing film specifically for UV-curable and latex inks, with a high productivity and reduced changeover times due to large roll length and low-reflective printing surface.

The film provides a high brilliance of colours and perfect flatness.

Products in the range: SI 128, SI 208, SI 408, SI 418, SI 428 and SI 438



DIALUX Self-adhesive films

SUPPLIER: FOLEX

Crystal clear polyester film with highly transparent ink receiving layer and a super clear removable solvent based adhesive. Suitable for labels, posters, displays or as backlit applied directly on light diffusion boards. SIGS can be used for glass decoration and shop window graphic advertising - showcases and display cases look like "direct print".

Products in the range: DIALUX SIGS, DIALUX SIGUV and WOWtack S CL.



DIALUX SI 262

SUPPLIER: FOLEX



Clear polyester film with glossy coating on one side. Suitable for glass decoration, shop window advertising, posters, displays, banner, signboards and exhibition panels.

Compatible with solvent based, UV-curable and Latex Inks.



JT 5425 PUV

SUPPLIER: MACTAC



White Gloss polyolefin film, 100 µm, (PVC free) film, especially designed for UV inkjet printing.

Green printable media, PVC-free, chlorine free and phthalate free. Water-based adhesive is specially designed for short to medium term indoor and outdoor campaigns and for advertising or promotion on flat or slightly curved surfaces.

Material: Polyolefin

LUV 6400

SUPPLIER: MACTAC

A matt clear laminating film especially designed for short term indoor floor graphics on flat and slightly curved surfaces. It provides better adhesion on UV inks while reducing the silvering effect, retard colour fade and protects printing media against UV radiation and abrasion, enhancing colours of the prints and providing anti-slip properties.

This clear PP film has a textured lustre finish and indoor durability of 3 months.



Greenline

SUPPLIER: AVERY DENNISON

Greenline are environmentally responsible, top-coated screens and offset printable films for a wide range of relatively short term applications.

- Excellent printability with conventional and UV-curable screen print inks and oxidative drying and UV-curable offset inks
- Excellent sheet stability for exact register at printing
- Superior conversion and application characteristics
- High dimensional stability during use
- Good UV resistance
- Great adhesion to most surfaces



bsmart AB100-G ECO

SUPPLIER: BSMART



AB100-G ECO is a plasticiser free, 100 micron white satin matt top coated polypropylene film, coated with a grey permanent adhesive and laminated to a 135gsm PE clay kraft release liner. This product is suitable for advertising and promotional applications, boards, signs and flat sided vehicle applications, and can be printed with HP Latex and UV Ink-Jet Inks.

The AB100-G ECO has a grey permanent adhesive with good adhesion on a wide variety of substrates, 2 year outdoor life depending on substrate.



bsmart AB60

SUPPLIER: BSMART



AB60 ECO Gloss is a plasticiser free 60 micron white gloss top-coated polypropylene film with a grey permanent adhesive, protected by a 135gsm PE coated 'air flow' liner for easy installations. AB60 ECO is suitable for printing with with HP Latex and UV Inks.

Product is suitable for POS, general signage, exhibition/events and smooth surfaces. This product is suitable for Over-lamination and 4 year outdoor life depending on substrate.



bsmart AB300

SUPPLIER: BSMART

AB300 ECO is a plasticiser free, 100 micron white satin matt top coated polypropylene film, coated with a grey, high tack permanent adhesive for hard to adhere surfaces laminated to a 135gsm PE clay kraft release liner. It is suitable for wall graphics/murals, and printing with HP Latex and UV Ink-Jet Inks.

Product is suitable for POS signage/general signage, wall graphics/wall murals, floor graphics, difficult flat surfaces and suitable for over-lamination if required. This product has 2 year outdoor life depending on substrate and excellent dimensional stability.



bsmart PP Film

SUPPLIER: BSMART

bsmart PP 200, 270 and 310 micron PP printable material film used in roll up display signs.

The grey and white back offers opacity to light, providing a crisp and vibrant image display on face side.



bsmart Eco Floor Lam

SUPPLIER: BSMART



Eco Floor Lam is a textured, 125 micron polypropylene film that has a high coat weighted, pressure-sensitive, permanent clear adhesive and is protected by a 120gsm PE Kraft release liner.

This product is commonly used in combination with the AB60 ECO and the AB100 ECO Polypropylene print films to create two-part floor graphics. This product can also be used for applications that specifically require a textured finish.



SLIP CERTIFICATION : R10 TESTED TO DIN 51130:2014.

bsmart Latex300 ECO

SUPPLIER: BSMART



Latex300 ECO is a plasticiser free, white satin matt, 300 micron, super-flat printable polypropylene/PET hybrid film, suitable for roll-up, pop-up and general signage applications. Latex 300 ECO is suitable for printing with HP Latex and UV Ink-Jet Inks.

Product is suitable for roll-up display, POS signage /general signage, printable with hp latex and UV inkjet, suitable for over-lamination if required.



SI Roll-Up PP

SUPPLIER: FOLEX

Highly white polypropylene film, suitable for roll-up-displays, poster, banner, POS and exhibition displays. High brilliance of colours, good scratch resistance and low-reflective printing with a white satin finish.

Products in the range: SI 432 and SI 434.

Available in grey and whiteback.



SPMR Self-Adhesive Film

SUPPLIER: FOLEX

Highly white matt self-adhesive PP film with paper backing. Suitable for labels, displays, exhibition panels, construction boards, signboards and for shop-window designs.

The characteristics of this film are high brilliance of colours, inkjet coating and adhesive for the indirect food contact. The film can be laminated right to the edges low-reflective printing surface, good adhesive light, universal use and removability.



MPI 1405 Film

SUPPLIER: AVERY DENNISON



Material: Polyurethane

PVC Free film with great conformability, for many different outdoor and vehicle graphics projects. This premium, digitally printable film copes easily with challenging textured surfaces, including brick and concrete blocks.

It is also an outstanding choice for fleet marking and vehicle wraps, thanks to its colour saturation and film stretchability - especially around irregular shapes and curves.

MPI 1440 Film

SUPPLIER: AVERY DENNISON



Material: Polyurethane

For premium applications, MPI 1440 Ultra Clear is self-laminating (with no need for an additional overlamine product), allowing you to cover a very wide range of needs with only one product in stock.

It offers excellent 3D conformability, excellent printability on all main digital platforms and extended durability (printed: up to 8 years outdoors and 12 years indoors), making it the product of choice for long-lasting architectural and interior design applications (also for car wrapping applications).

DOL 6460

SUPPLIER: AVERY DENNISON

Avery Dennison DOL 6460 series is a premium quality, flexible film designed for use as a protective overlamine for digitally printed images where a sustainable PVC-free solution is required. DOL 6460 series offer exceptional high gloss, superior 3D conformability, and colour durability. DOL 6460 series are providing an overall paint-like finish of printed graphics. The film is supplied with its original PET casting sheet in order to protect the face film.

Description Film: Face-film : 38 micron high gloss polyurethane film, clear, flexible



Material: Polyurethane

Paint Protection Film

SUPPLIER: AVERY DENNISON

Leading technology in self-healing protection. With both gloss and matt finishes, and a gloss black option, the films are designed for full car protection or protecting high risk bodywork. Made with a high scratch resistant TPU, each Avery Dennison Supreme Protection Film product maintains the pristine factory condition of high value vehicles, is easy to apply and ensures outstanding aesthetics.

- Ambient or heat activated self-healing
- Up to 10 years UV resistance
- Easy to apply and remove
- Durable optical clarity
- Smooth, uniform surface



Material: Polyurethane

Crystal Protect

SUPPLIER: MACTAC



Nobody wants to see damage on their car from stone chips or scratches. The solution for keeping a vehicle's showroom good look is Crystal Protect 150 - an ultra clear, high gloss PU film.

With new permanent acrylic adhesive Crystal Protect 150 brings you improved application performance: optimized initial tack, increased resistance against adhesive lines and stretch marks as well as better chemical resistance including IPA (alcohol).

Material: Polyurethane

SI 171

SUPPLIER: FOLEX



Ink Jet Canvas for framed prints or for stretching on wooden frames.

Material 100% cotton, coated on one side, with natural structured surface. Suitable for art prints, lifestyle posters, exhibition work and stage decoration.

- High brilliance of colours
- Flexible coating for good stretchability
- Natural finish on the reverse side
- Low-reflective printing surface

Material: Cotton

bsmart Canvas

SUPPLIER: BSMART

bsmart Canvas materials from Material Solutions Dublin give a vintage and authentic look and feel to graphics and designs. Our range of bsmart Canvas offers a 280gsm fabric in cotton.

Printability: eco, solvent, UV, latex, pigmented.



Material: Cotton





Mactac Crystal Protect


This brochure was printed on a recycled paper.


GREENER SOLUTIONS

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