ECO
FRIENDLY
PRINT MEDIA
GUIDE

pbsigns

WELCOME

to our dedicated range of print media solutions for those that are serious about taking tangible steps to protect our planet.

With this collection, virtually every project that previously used harmful plastics, can now be done with the peace of mind that the materials used are not going to damage our environment.

Take the Vertex Marine as an example: this product stops single use plastics from ending up in the ocean by being used for advertising materials instead!

Join us in the fight to protect our water, our wildlife and our atmosphere, just through simply changing the materials you use for your next wide or grand format print project!

pbs

KEY

ECO-SOLV	Outdoor
Eco Solvent	
SOLV	Indoor
Solvent	
LATEX	NO CURL
Latex	Curl Resistant
UV-C	Grand Format Widths
UV-C	
DYE SUB	Recyclable
Dye-Sublimation	
B1	Recycled
B1 Fire Rating	
B-S1 D0	NEW
B-S1,D0 Fire Rating	New Product

CONTENTS

PVC FREE

Recycling Process

1 Baling:
Empty plastic bottles are sorted, crushed and baled at a recycling centre and moved to the manufacturing plant

2 Bale Breaking:
At the manufacturing plant, the bales are separated by a superfast vibration machine

3 Grinding:
The separated bottles are ground down into flakes

4 Washing:
The flakes are washed and cleaned to remove any excess fluid, labels or caps...

5 Pelletising:
...which are then turned into small plastic pellets through the use of a vented extruder.

6 Melted & Spun:
These pellets are transported to the yarn manufacturing facility, where they are melted down and spun into a polyester yarn.

7 Woven:
The yarn is woven into the final Vertex Marine product!
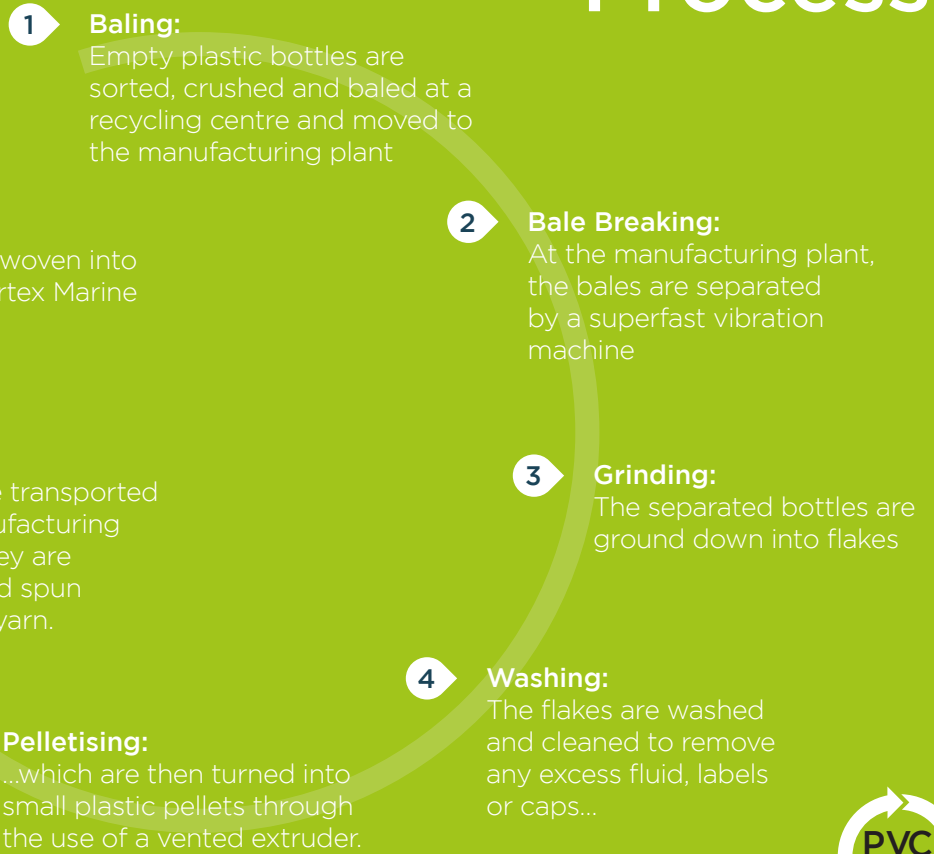
FUN FACT!
It takes 10-12 bottles to make 1 square meter of material!

PVC FREE

Vertex **Marine Recycled PET Flag 110 FR B1**

- Made from 100% recycled PET yarns
- 10 recycled plastic bottles per m2 of fabric
- Applications: Indoor and outdoor flags

Order Code	W (mm)	L (m)	Weight (g/m2)
IST375299	3200	25	110
IST375296	3200	100	110

DYE SUB | UV-C | ♻ | 🏠 | 🌲 | ↔ | B1 | M1 | ♻ | NEW

Vertex **Marine Recycled Display Textile 180 FR B1**

- Made from 100% recycled PET yarns
- 10 recycled plastic bottles per m2 of fabric
- Applications: Fabric displays, promotional tablecloths

Order Code	W (mm)	L (m)	Weight (g/m2)
IST375248	3200	25	180
IST375248	3200	100	180

DYE SUB | UV-C | ♻ | 🏠 | 🌲 | ↔ | B1 | M1 | ♻ | NEW

pbsigns

PVC
FREE

TEXstyle CURVED

![Vertex logo]

Vertex Texture PVC-Free Coated Polyester White/Grey Back 240g/m² FR B1

- Made from 100% polyester
- Grey back for additional opacity
- Applications: Wallcoverings, hanging displays, exhibition backdrops

Order Code	Finish	W (mm)	L (m)	Weight (g/m2)
ISB276007	White back	1370	30	240
ISB276004	White back	1370	50	240
ISB276010	White back	2200	50	240
ISB276013	White back	2500	50	240
ISB276016	White back	3200	50	240

Order Code	Finish	W (mm)	L (m)	Weight (g/m2)
ISB275424	Grey back	914	50	240
ISB275983	Grey back	1250	50	240
ISB275986	Grey back	1370	30	240
ISB275989	Grey back	1370	50	240
ISB275992	Grey back	1600	50	240
ISB275995	Grey back	1800	50	240
ISB275998	Grey back	2500	50	240
ISB275227	Grey back	3200	50	240

ECO-SOLV | SOLV | UV-C | LATEX | [recycle] | [home] | [tree] | [↔] | B1 | NO CURL

Vertex Texture PVC-Free Coated Polyester Blue Back 240g/m² FR B1 / BS1-D0

- Made from 100% polyester
- Blue back for additional opacity and whiteness
- Applications: Wallcoverings, hanging displays, exhibition backdrops

Order Code	Finish	W (mm)	L (m)	Weight (g/m2)
ISB275971	Blue back	1600	50	240
ISB275974	Blue back	2500	50	240
ISB275977	Blue back	3200	50	240

ECO-SOLV | SOLV | UV-C | LATEX | [recycle] | [home] | [tree] | [↔] | B1 | B-S1 D0 | NO CURL

Vertex Texture R-PET PVC-Free Coated Polyester 240g/m2 - Grey Back

- Made from 100% recycled yarns
- Grey back for additional opacity
- Applications: Wallcoverings, hanging displays, exhibition backdrops

Order Code	W (mm)	L (m)	Weight (g/m2)
ISB276112	3200	50	240
ISB276178	1600	50	240

ECO-SOLV | SOLV | UV-C | LATEX | [recycle] | [home] | [tree] | [↔] | B1 | B-S1 D0

![pbsigns logo]

Vertex

Vertex Glacier Display Textile 180g/m² FR B1

- Crease resistant coated fabric
- Excellent backlit properties
- Applications: Backlit tension fabric displays

Order Code	W (mm)	L (m)	Weight (g/m2)
IST275344	1600	50	180
IST275380	2600	100	180
IST275263	3200	50	180
IST275347	3200	100	180
IST275362	5000	50	180

DYE SUB | UV-C | ↔ | ♻ | B1

Vertex R-PET Glacier Display Textile 180g/m2

- Made from 100% recycled yarns
- Crease resistant coated fabric
- Excellent backlit properties
- Applications: Backlit tension fabric displays

Order Code	W (mm)	L (m)	Weight (g/m2)
IST375345	3200	50	180
IST375378	1600	50	180

DYE SUB | UV-C | ↔ | ♻ | 🏠 | 🌲 | B1 | B-S1 D0

Vertex

Vertex Black Back Display Textile 235g/m² FR B1

- A 235g/m2, 100% polyester, knitted fabric
- One-sided blockout coating prevents image washout and shadow reflection
- Applications: Exhibition and stage graphics, backdrops, SEG graphics

Order Code	W (mm)	L (m)	Weight (g/m2)
IST375366	3200	50	235

DYE SUB | UV-C | LATEX | 🏠 | B1

Vertex Black Back Display Textile 260g/m² FR B1

- 100% PVC free and free of heavy metals
- One-sided blockout coating prevents image washout and shadow reflection
- Available in 3.2m and 5m widths
- Applications: Exhibition and stage graphics, backdrops, SEG graphics

Order Code	W (mm)	L (m)	Weight (g/m2)
IST375302	3200	50	260
IST375348	5000	50	260

DYE SUB | UV-C | LATEX | ↔ | ♻ | 🏠 | 🌲 | B1 | B-S1 D0

Vertex Premium Adhesive Wall Fabric 340g/m²

- Flexible and easy to apply
- Repositionable and removable adhesive
- Removes easily within 3 months of application
- Applications: Wallcoverings, temporary retail graphics

Order Code	W (mm)	L (m)	Weight (g/m2)
IST275146	1370	20	340

ECO-SOLV | SOLV | UV-C | LATEX | 🏠

Vertex Premium Adhesive Wall Fabric Blockout 360g/m²

- Flexible and easy to apply
- Repositionable and removable adhesive
- Removes easily within 3 months of application
- Grey glue for additional opacity
- Applications: Wallcoverings, temporary retail graphics

Order Code	W (mm)	L (m)	Weight (g/m2)
IST275317	1370	20	360

ECO-SOLV | SOLV | UV-C | LATEX | 🏠

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The Envirotech® series is an environmentally friendly 100% PVC-free print media range which is free from heavy metals, phthalates, plasticisers and isocyanate-containing compounds. It has the same appearance, feel and quality as conventional PVC products together with the advantage of being lighter weight without compromising on strength or longevity. Weight reductions of up to 50% allow for significant reductions in CO_2, transport, storage etc. and the material can be easily transported, even folded, without visual deterioration unlike PVC products.

PVC is difficult to recycle due to the complexities of the product construction, base materials, face films and the chemicals and additives which are crucial to ensure the product performs as it needs to. PVC does not readily degrade, indeed it can take many decades to degrade, releasing toxic substances such as dioxins and furans as it does so, which in turn make up leachate contaminating groundwater, rivers, impacting water sources, the food chain and the eco-system. Because of this, PVC is usually incinerated, releasing dioxins and furans into the atmosphere which contribute to known health issues such as cancer, immunity and reproductive and developmental problems. Another effect of incineration is the release of hydrogen chloride which is corrosive to skin and increases soil acidity affecting both land and water ecosystems.

The benefit of using PVC-free materials such as Envirotech® ensure that chemicals which are harmful to humans and nature are kept out of our eco-systems by offering a simpler recycling and re-use process or if incinerated, can be done so safely without the release of toxins. The necessity of large amounts of additives and plasticisers is eliminated and the fundamental components used are well below strict European recommended guidelines.

Choosing Envirotech® allows us to responsibly safeguard our environment ensuring it remains unspoilt for future generations to enjoy.

PVC FREE

Envirotech PVC Free Banner 270g/m² FR B1 W/W

- 100% PVC free banner
- Available in roll widths up to 5m wide
- Applications: Interior and exterior banners

Order Code	Description	W (mm)	L (m)	Weight (g/m2)
IST375317	White Back	1600	50	270
IST375308	White Back	3200	50	270
IST375227	White Back	5000	50	270

ECO-SOLV | SOLV | UV-C | 🌲 | 🏠 | ↔ | B1 | ♻

Envirotech PVC Free Frontlit Banner 150g/m² FR B1 W/W

- 100% PVC free banner
- Scratch and water resistant frontlit banner fabric
- Weldable
- Applications: Interior and exterior banners

Order Code	Description	W (mm)	L (m)	Weight (g/m2)
ISB276064	White Back	1600	100	150
ISB275929	White Back	3200	100	150

ECO-SOLV | UV-C | LATEX | 🌲 | ↔ | B1 | ♻

Envirotech PVC Free Non-Woven Banner 125g/m²

- 100% PVC free banner
- Readily recyclable due to polypropylene construction
- Suitable for eyeleting, stitching and welding
- Applications: Interior and exterior campaign banners

Order Code	W (mm)	L (m)	Weight (g/m2)
IST375324	1600	50	180
IST275398	3200	50	180

ECO-SOLV | UV-C | LATEX | 🌲 | 🏠 | ↔ | ♻

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Frontlit Banner
300g/m² FR B1 W/W

• Very strong banner with white PVC free coating
• Applications: General banner applications, fence banners

Order Code	W (mm)	L (m)	Weight (g/m2)
ISB276133	3150	65	300

ECO-SOLV | SOLV | UV-C | LATEX | 🌲 | 🏠 | ↔ | B1

Frontlit Banner
Grey Back 300g/m² FR B1 W/W

• Very strong banner with white PVC free coating
• Grey back provides additional opacity
• Applications: General banner applications, fence banners

Order Code	W (mm)	L (m)	Weight (g/m2)
ISB276139	3150	65	300

ECO-SOLV | SOLV | UV-C | LATEX | 🌲 | 🏠 | ↔ | B1

Frontlit Banner
450g/m² FR B1 W/W

• Heavy duty PVC Free frontlit banner
• Designed for demanding banner applications
• Applications: Lamp post banners, hanging banners

Order Code	W (mm)	L (m)	Weight (g/m2)
ISB276121	3150	65	450

ECO-SOLV | SOLV | UV-C | LATEX | 🌲 | 🏠 | ↔ | B1

Blockout Banner
270g/m² FR B1 W/W

• 100% PVC free blockout banner
• Printable on both sides
• Applications: Lamp post banners, hanging banners

Order Code	W (mm)	L (m)	Weight (g/m2)
IST375327	1600	50	270
IST375305	3200	50	270

ECO-SOLV | SOLV | UV-C | ↔ | ♻ | B-S1 D0

Mesh Banner
180g/m² FR B1 W/W

• 100% PVC free banner
• Available in roll widths up to 5m wide
• Applications: Scaffolding banners, building wraps

Order Code	W (mm)	L (m)	Weight (g/m2)
IST375311	3200	50	180
-	5000	50	180

LATEX | UV-C | 🌲 | ↔ | ♻ | B1

PVC
FREE

Envirotech PVC Free Mesh Banner
210g/m² FR B1 / BS1-D0 W/W

• 100% PVC free banner
• Applications: Scaffolding banners, building wraps

Order Code	W (mm)	L (m)	Weight (g/m2)
IST275401	3200	50	210

| LATEX | UV-C | 🌲 | ↔ | ♻ | B1 | B-S1 D0 |

Envirotech PVC Free Flex Banner 160g/m²

• Lightweight yet hardwearing 100% PVC free banner
• Self cleaning and weather resistant properties
• Applications: Outdoor banners, scrolling lightboxes, exhibition graphics

Order Code	W (mm)	L (m)	Weight (g/m2)
ISB275753	3200	100	160

| UV-C | 🌲 | ↔ | ♻ | NEW |

Envirotech PE Supreme Woven Banner 175g/m²

• Lightweight 100% PVC free woven banner
• High tensile strength
• Applications: Hoardings, promotional banners

Order Code	W (mm)	L (m)	Weight (g/m2)
ISB275460	3200	100	175

| UV-C | 🌲 | ↔ | ♻ |

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Vista**MAX**

VistaMAX **PET One Way Vision Removable Adhesive 100 Micron**

- Removes without residue up to 12m
- Very durable for long term applications
- Applications: Window graphics

Order Code	W (mm)	L (m)	Thickness (mic)
INV214108	1370	50	100

ECO-SOLV	SOLV	UV-C	LATEX		

VistaMAX **PET Lamination Film**

- Optically clear lamination film
- 100% PVC free solution
- Designed for use with VistaMAX PET One Way Vision materials

Order Code	W (mm)	L (m)	Thickness (mic)
INV214105	1370	50	36

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VistaMAX PP White Matt Grey-back
Permanent Self Adhesive Vinyl 100mic

• Outdoor durability of 2 years
• Excellent dimensional stability
• Applications: Signs, Hoardings, Advertisment graphics

Order Code	W (mm)	L (m)	Thickness (mic)
INV214189	1370	50	100

UV-C | LATEX

VistaMAX PP White Matt Grey-back
High Tack Permanent Self Adhesive Vinyl 100mic

A PVC-Free PP white matt self-adhesive vinyl with grey high tack permanent adhesive. Outdoor durability up to 2 years, and with excellent dimensional stability. Suitable for a wide variety of flat surfaces both indoor and outdoor, including low energy surfaces and floors.

Order Code	W (mm)	L (m)	Thickness (mic)
INV214292	1370	50	100

UV-C | LATEX

VistaMAX PVC Free PP Removable
White Matt Greyback Air Escape Vinyl 100mic

• Outdoor durability of 2 years
• Grey glue provides additional opacity
• Air escape liner makes installation quick and easy
• Excellent dimensional stability
• Applications: Signs, Hoardings, Advertisment graphics

Order Code	W (mm)	L (m)	Thickness (mic)
INV214336	1370	50	100

UV-C | LATEX

VistaMAX PVC Free PP Permanent
Clear Laminate 60mic

• Contains UV stabilisers for outdoor use
• Suitable for application onto all ink types including UV-C
• Designed for use with VistaMAX PP Vinyls

Order Code	Finish	W (mm)	L (m)	Thickness (mic)
INV214315	Gloss	1370	50	60
INV214312	Matt	1370	50	60

VistaMAX PP Floor Graphic Laminate R10 120mic

- 100% PVC free floor graphic solution
- Combine with VistaMAX PP Vinyls
- Applications: Indoor and outdoor floor stickers

Order Code	W (mm)	L (m)	Thickness (mic)
INV214222	1370	50	120

UV-C LATEX 🏠 🌲

VistaMAX PVC FREE Blockout PET Semi-Permanent White Matt Vinyl 100mic

- Black back gives improved opacity
- Indoor and outdoor durability up to 3 years
- Excellent dimensional stability
- Removable up to 12 months after application
- Applications: Signs, Hoardings, Advertisment graphics

Order Code	W (mm)	L (m)	Thickness (mic)
INV214117	1370	50	100

ECO-SOLV SOLV UV-C LATEX 🏠 🌲

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General Formulations - 213 Traffic Graffic

- Paired with General Formulations 212 Vinyl
- Approved for indirect food contact
- Applications: Floor stickers, table tops, counter tops

Order Code	Finish	Size	Thickness	Adhesive
INVG21354	Matt Clear	1370mm x 50m	95mic	Permanent
INVG21360	Matt Clear	1520mm x 50m	95mic	Permanent

General Formulations - 105
High Gloss Clear Polyester Laminate - Optically Clear Permanent Adhesive 50mic

Order Code	W (mm)	L (m)	Thickness (mic)
INVG10554	1370	50	50
INVG10560	1520	50	50

General Formulations - 111
Dry Erase Clear PP Laminate - Clear Permanent Adhesive 50mic

- Dry-wipe clear PP laminate with a clear permanent adhesive
- Applications: General purpose dry wipe graphics

Order Code	W (mm)	L (m)	Thickness (mic)
INVG11154	1370	50	50

General Formulations - 110
50mic - Commercial Grade Dry Erase Gloss Clear Polyester Laminate

- Dry-wipe clear HTC polyester laminate with a clear permanent adhesive
- Commercial grade durability
- Applications: General purpose dry wipe graphics

Order Code	W (mm)	L (m)	Thickness (mic)
INVG11054	1370	50	50

Imagetech

Imagetech Polyprop **Non-Tear Outdoor Poster W/W 200mic**

- Tear proof and PVC free
- Recyclable Cat 5 waste stream
- Applications: A-frames and pavement sign graphics,
  outdoor posters, roller banners, snap frames and POS displays

Order Code	W (mm)	L (m)	Thickness (mic)
ISB275576	914	50	200
ISB275579	1070	50	200
ISB275582	1270	50	200
ISB275968	1270	100	200
ISB275962	1600	50	200
ISB275965	1600	100	200

ECO-SOLV | SOLV | UV-C | LATEX | 🏠 | ♻

Imagetech PET **Greyback Roll-Up Film 190mic**

- Excellent stay-flat properties
- Grey back for additional opacity
- Applications: Roller banners

Order Code	W (mm)	L (m)	Thickness (mic)
ISB275947	917	50	190

ECO-SOLV | SOLV | UV-C | LATEX | 🌲 | 🏠

Imagetech Polyprop **Greyback Roll-Up Film 200mic**

- Tear proof and PVC free
- Grey back for additional opacity
- Recyclable Cat 5 waste stream
- Applications: A-frames and pavement sign graphics, outdoor posters, roller banners, snap frames and POS displays

Order Code	W (mm)	L (m)	Thickness (mic)
ISB275588	914	50	200
ISB276142	1067	50	200
ISB276145	1270	50	200
ISB276148	1600	50	200

ECO-SOLV | SOLV | UV-C | LATEX | NO LAM | 🏠 | 🌲 | ♻

Imagetech

Imagetech PVC FREE Heavy Duty Wallpaper 195g/m² FR BS1-D0

- Easy to apply and remove
- Embossed surface
- Photo-realistic print quality
- Applications: Interior wallcoverings

Order Code	W (mm)	L (m)	Weight (g/m2)
ISB275648	1520	40	195

ECO-SOLV · SOLV · UV-C · LATEX · B-S1 D0 · NEW

Imagetech PVC FREE Eco Wallpaper 150g/m² FR BS1-D0

- Made from recycled pulp
- Easily to apply and remove
- Embossed surface
- Photo-realistic print quality
- Applications: Interior wallcoverings

Order Code	W (mm)	L (m)	Weight (g/m2)
ISB275645	1520	40	150

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