



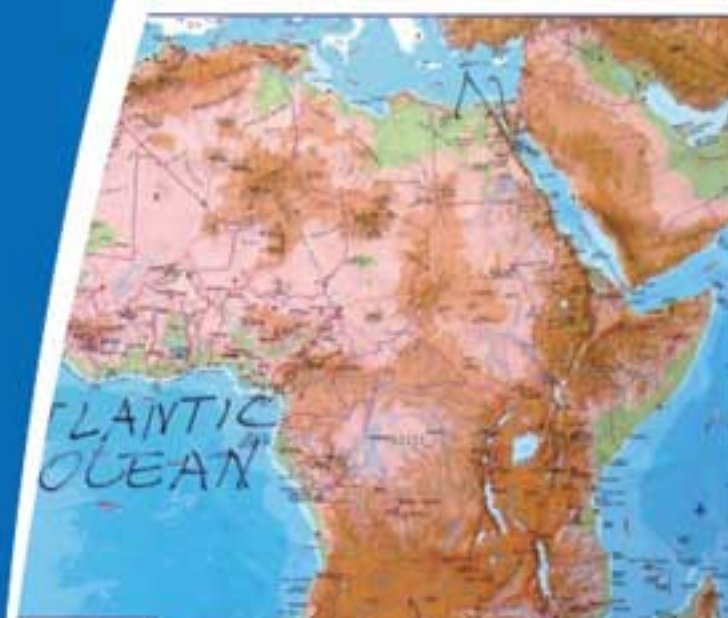
viscom Frankfurt 2008 Innovation Award Winning Product in signmaking

# AIC Innovative Printing Media

Makes your POP more attractive and easier!



AFRICA PHYSICAL







**AIC Magnetics Ltd.**

**AIC** is an international group who is specialized in the industry of Magnet, Sign, Imaging, Printing and Chemicals for over 20 years.

With its strong force in R&D, manufacturing and sales, more and more innovative and patent products have been launching.

In the future, based on the philosophy of Being Innovative and Leading, **AIC Magnetics Ltd.** will keep developing more and more new products for various applications.



"The jury believes that the main focus will be on flat surface applications such as exhibition walls, presentation / POP systems or special bases such as refrigerators."

-Viscom INNOVATION AWARD, October, 2008



As a professional supplier of POP (Point-of Purchase) materials in wide format printing, **AIC** offers:

### **Innovative Materials**

A variety of materials for Sign & Printing Industry: steel, magnet, paper and etc.

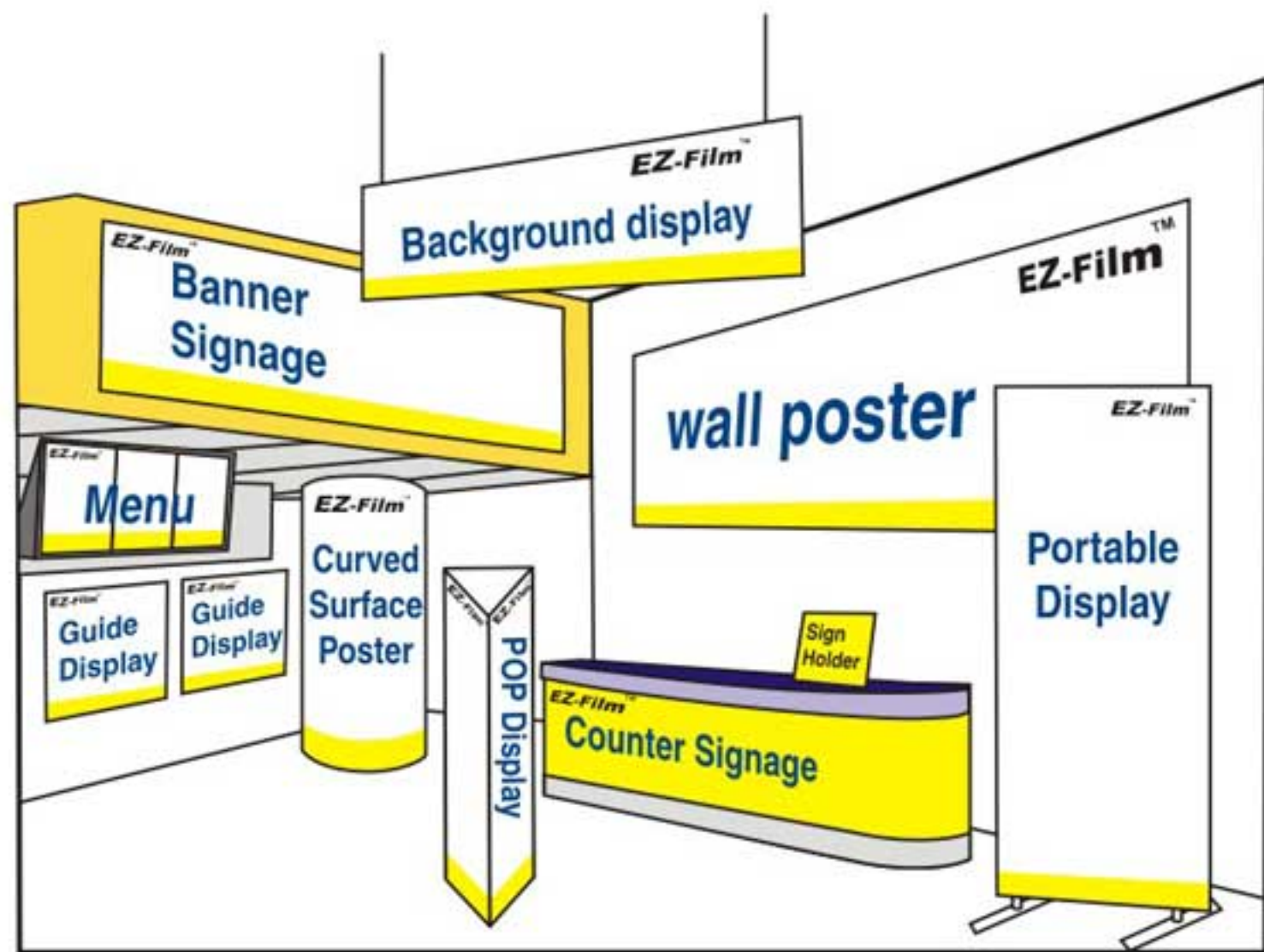
### **Professional Solution**

A flexible, economic, easy-to-change and directly printing display & POP system can be produced very fast by using our Ez-Film™ & Flexible Magnet series.

### **POP Opportunities**

Wide format media and productive printing solutions used for the POP market.





## PRODUCTS CONTENT

### 1. Visual Communication & POP Material

- 01 EZ-Film™ Steel
- 03 Magnetic Back Panel
- 05 Rapid Display POP System
- 07 EZ-Film™ Mag

### 2. Advertising Speciality & Sign Material

- 10 Flexible Magnet
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### 3. Whiteboard Skin Material

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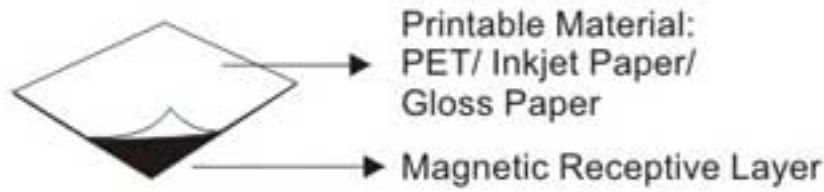
### 4. Map-making Material

- 15 AIC's innovative Map-making materials



# EZ-Film™ Steel — POP Skin, Viscom Winner

**Ez-Film™ Steel is a flexible and printable magnetic receptive material.**



## Features:



### 1. Magnetic Receptive

Not magnet but can be easily placed on magnetic boards.



### 2. PVC Free

Printable Material + Magnetic Receptive Layer. Long term durable film with PET/ Inkjet Paper/ Gloss Paper laminated.



### 3. Environmental Friendly

Both substrate & surface are all environmental friendly materials.



### 4. Direct Digital Printer Printable

Direct print on digital printers, both on eco-solvent & solvent ink and water-based ink printers.



### 5. Outstanding Image Quality

PET and Paper surface can be high-precision printed.



### 6. Wide Format

Width up to 64inch. It is the widest magnetic receptive printing media in the world.



### 7. Provide total solution & Rapid Display POP System

Ez-Film™ Steel as POP display skin (Removal & Reusable) + magnetic back panel (permanent Use). Good holding power and stability, making it perfect for indoor and outdoor POP when you use magnetic boards together.



### 8. Benefit of Rapid Display POP System

Install Fast, Install Easy, Change Easy, Universal Print Compatibility, Environmental Friendly, Reusability, Permanent Use, Quick Time Project Ability, Increase Productivity, Seamless Posting, Multi-layer Overlapping, Install Flexibility...



### 9. Both sides printable

Paper + Magnet Receptive Layer + Paper(PSP Series)

## Applications:

Easy-to-install, easy-to-change, removable, reusable, uses for general signage and other flat-surface/ curved-surface, medium-term, indoor or outdoor applications such as:

- POP Display/ Commercial Signage in Chain Store, Super Market, Retail/ Grocery Shops, Restaurant...

- Removable/Changeable Advertisements in Subway, Railway Station, Business Center...
- Business Wall outside...
- Map Guide in exhibition center, road side...
- Kids Wall in House...







## Physical Characteristics

Product	FF-9002SOL-2T310	FP-2JET300	FP-2GLO340
Surface	PET, white, opaque	105g Inkjet Paper, white	150g Gloss Paper, white
Finish	Semi-gloss (waterproof), Antirust	Matt (non-waterproof), Antirust	Gloss (non-waterproof), Antirust
Substrate	Magnetic Receptive Layer	Magnetic Receptive Layer	Magnetic Receptive Layer
GSM (Weight)	310g/M <sup>2</sup> (0.063lb/sq ft)	300g/M <sup>2</sup> (0.061lb/sq ft)	340g/M <sup>2</sup> (0.070lb/sq ft)
Thickness	0.18mm (7.1mil)	0.18mm (7.1mil)	0.24mm (9.4mil)
Available Length	30M/50M (100ft/164ft)	30M/50M (100ft/164ft)	30M/50M (100ft/164ft)
Available Width	1,070/1,270/1,370/1,524/1,626mm (42/50/54/60/64inch)	1,030mm (40.5inch)	1,030mm (40.5inch)

## Application Characteristics

Product	FF-9002SOL-2T310	FP-2JET300	FP-2GLO340
Application recommendation	POP/ Exhibit; Signage and Banners; Medium-term & Long-term Promotional	DIY PHOTO; Short-Term & Medium-term Promotional	DIY PHOTO; Short-Term & Medium-term Promotional
Printing Method	Inkjet Printing, UV Printing, Screen Printing	Inkjet Printing	Inkjet Printing
Inks	Solvent & Eco-Solvent Ink, UV Curable Ink	Dye, Pigment	Dye, Pigment
Wide Format Printing	✓	✓	✓
Environment Friendly	✓	✓	✓
Temperature range after application	-20°C to +70°C (-4°F to +158°F)	-20°C to +70°C (-4°F to +158°F)	-20°C to +70°C (-4°F to +158°F)
Graphic removal	Easy Removal & Reusable		
Magnetic Back Panel	To obtain optimum attraction, the magnetic panel surface must be clean, dry, and well unified. 0.8mm(31.5inch) isotropic/ 0.4mm(15.7inch) anisotropic flexible magnetic sheeting to make back board is recommended.		



# Magnetic Back Panel

Ez-Film™ Steel & Magnetic Back Panel should be used together to make up a Rapid Display POP System.

## Option 1: Flexible Magnet

**Flexible magnet** can be directly placed on the wall/ pillar/ board/ panel by using self-adhesive or glue and make a magnetic back panel to attract Ez-Film™ Steel.

- Size: In sheet or roll. Length: 30M; Width: 620 ~ 1000mm.
- Thicknesses: Generally 0.5mm, 0.7mm, but is available in other thickness.
- Surface: Black (Plain Brown), Color (Matt PVC laminated).



Flexible Magnet Back Panel



## Option 2: Magnetic Sign & POP Board

**Magnetic Sign & POP Board** is magnetic form core board and magnetic expanded PVC board which can attract Ez-Film™ Steel well.

- Size: Available in various lengths and widths comes in sheets of up to 1.22m x 2.44m.
- Thicknesses: Generally 3.5mm, 5.5mm, but is available in other thickness.
- Surface: Black (Plain brown flexible magnet), Color (Matt PVC laminated on flexible magnet).



Magnetic Sign & POP Board



## Features:



### 1. Magnetic

Attract both metallic and magnetic materials well, especially for Ez-Film Steel.



### 3. Display Graphics Solution

It is the idea and suitable back panels for Ez-Film™ Steel. We also offer adhesive-backed foam core board for quick and easy mounting on almost any surface.



### 2. Display Back Board

Design and produce the perfect magnetic board for your costume POP display.



### 4. Flatbed Printers

The PVC laminated magnetic board can be direct printed on Flatbed Printers.

## Magnetic Sign & POP Board

	MKB-PL-L50/L70	MKB-MW-L50/L70	MPB-PL-L50/L70	MPB-MW-L50/L70
<b>Surface</b>	Flexible Magnet	Flexible Magnet with PVC Laminated	Flexible Magnet	Flexible Magnet with PVC Laminated
<b>Finish</b>	Plain Brown	Matt, White or Other Colors	Plain Brown	Matt, White or Other Colors
<b>Base Material</b>	Rigid Foam Core Board (KT Board)	Rigid Foam Core Board (KT Board)	Expanded PVC Board (PVC Foam Board)	Expanded PVC Board (PVC Foam Board)
<b>Holding Strength</b>	36g/cm <sup>2</sup> (74lb/sq ft) /50g/cm <sup>2</sup> (102lb/sq ft)	22g/cm <sup>2</sup> (45lb/sq ft) /28g/cm <sup>2</sup> (57lb/sq ft)	36g/cm <sup>2</sup> (74lb/sq ft) /50g/cm <sup>2</sup> (102lb/sq ft)	22g/cm <sup>2</sup> (45lb/sq ft) /28g/cm <sup>2</sup> (57lb/sq ft)
<b>Thickness</b>	5.5mm(217mil)/5.7mm(224mil)	5.5mm(217mil)/5.7mm(224mil)	5.5mm(217mil)/5.7mm(224mil)	5.5mm(217mil)/5.7mm(224mil)
<b>Available Length</b>	1.2M(47.2inch)	1.2M(47.2inch)	1.2M(47.2inch)	1.2M(47.2inch)
<b>Available Width</b>	2.4M(94.5inch)	2.4M(94.5inch)	2.4M(94.5inch)	2.4M(94.5inch)
<b>Remarks</b>	Magnetic Foam Core Board: Flexible Magnet + Foam Core Board, Rigid, used for medium-term POP back Panels. Magnetic Expanded PVC Board: Flexible Magnet + Expanded PVC Board, Rigid, used for long-term POP back panels.			



# MACO™ Rapid Display POP System

**MACO™ Rapid Display POP System is an innovative, standard, and simple POP system which is easy-to-install, easy-to-change, universal print compatibility and environmental (PVC free). It can replace traditional adhesive POP/signage materials.**

- POP skins (Ez-Film™) + 1 magnetic back panel = 1 System (MACO™ Rapid Display POP System)

Traditional adhesive POP materials	POP Market Demands	MACO™ Rapid Display POP System
<b>No Integrated &amp; Standard System:</b> PVC, PET, Art-Paper, and Paper, self-adhesive, KT boards and plastic panel...	<b>Rapid &amp; Easy Solution; Integrated &amp; Standard System</b>	<b>1 Integrated &amp; Standard System:</b> Ez-Film™ Steel as POP display skin (Removal & Reusable) + flexible magnet on board/ Wall as magnetic back panel (Permanent Use).
<b>Slow Install:</b> A poster of size 5M * 1M needs nearly half a hour to install	<b>Fast-to-install</b>	<b>Install Fast:</b> A poster of size 5M x 1M can be installed within 1 minute.
<b>Difficult to Install:</b> Special tools & training are needed to install adhesive displays.	<b>Easy-to-install</b>	<b>Install Easy:</b> No need special training to install a large format signage.
<b>Difficult to Change:</b> A lot of time will be spent to remove if you change.	<b>Easy-to-change</b>	<b>Change Easy:</b> Enable to remove and re-install POP signage easily without damaging it.
<b>Restricted Printing Methods:</b> Different materials have to choose different printers & inks.	<b>Print Easy &amp; Fast</b>	<b>Universal Print Compatibility:</b> Special treated surface is compatible with almost all major printing machines, technologies and inks.
<b>One-time Use:</b> You can not use it any more if you remove it from the panel.	<b>Reusable</b>	<b>Reusability:</b> remove POP signage easily and reuse it in another place.
<b>Can not be done:</b> Both display skin & back panel will be disposed.	<b>Permanent Use</b>	<b>Permanent Use:</b> Not need to change or re-install back panel again, it can be used forever.
<b>Can not be done:</b> It's hard to complete a large volume POP graphics in very quick time.	<b>Complete Quick Time Project</b>	<b>Quick Time Project Ability:</b> install or change large volume of POP graphics in very short time.
<b>Need Special Training &amp; High Labor Cost:</b> Special trained personnel are required to installing adhesive graphics. You will pay much more on labors than on materials when you install large volume POP displays or change POP frequently.	<b>Improve Productivity and Cost down</b>	<b>Increase Productivity:</b> save a lot of time and cost to increase productivity of your staff. It will also create a lot of different opportunities.
<b>Difficult to connect:</b> It's difficult to connect some parts display to one POP by no change.	<b>Wide Format &amp; Grand Format</b>	<b>Seamless Posting:</b> Create edgeless large format poster because of a convenient connection.
<b>Can not be done:</b> When overlapping, the original display layer will be destroyed.	<b>Flexible Change</b>	<b>Multi-layer Overlapping:</b> One Ez-Film™ skin is able to overlap on another Ez-Film™ skin.
<b>Can not be done:</b> Some special places can not be displayed.	<b>More Places to Advertise</b>	<b>Install Flexibility:</b> install and remove in special place easily such as curved surface, column surface.

· For more information about Ez-Film™ Steel & flexible magnet, please visit [www.macosolution.com](http://www.macosolution.com) & [www.flexible-magnet.com](http://www.flexible-magnet.com).



## Construction:

Ez-Film™ Steel (POP Skin) + Magnetic Back Panel + Accessories



## POP Affection:

MACO™ Rapid Display POP System in Subway Entrance, Business Center, Shops...

### Magnetic Back Panel



### EZ-Film™ Steel POP Skin on Magnetic Back Panel





## Applications:

Easy-to-install, Easy-to-change, removable, reusable, uses for **general signage and other flat-surface/ curved surface, medium-term, indoor or outdoor applications** such as:

- Point of purchase display/ Commercial Signage in Super Market, Retail/ Grocery Shops, Restaurant...
- Removable/Changeable advertisements in Subway, railway station, Business Center...
- Business Wall outside...
- Map Guide in exhibition center, road side...
- Kids Wall in House...



1. Super Market



2. Map Guide



3. Retail / Grocery Shops



4. POP in Chain Fashion House



5. Business Posters



6. Exhibition Stands



7. Portable Banner Systems

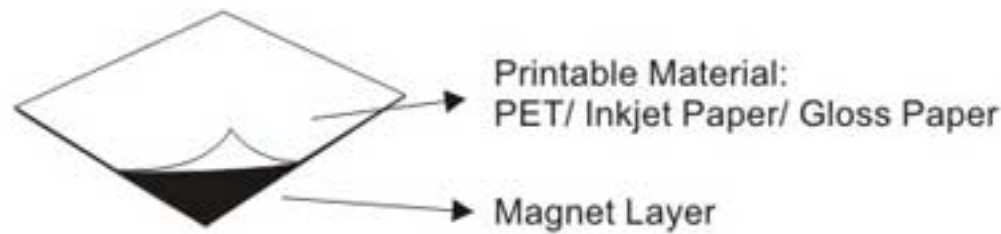


8. Curved Surface Poster



# EZ-Film™ Mag — One Poster, Few Seconds

Ez-Film™ Mag is a flexible and printable magnetic material.



## Features:



### 1. Wide Format Magnet

Width up to 1626mm. It is the widest printable magnetic material in the world and can be easily placed on metallic back panels.



### 2. PVC Free

Printable Material + Magnet Layer



### 3. Environmental Friendly

Both substrate & surface are all environmental friendly materials.



### 4. Digital Printing

Direct printable on digital printers, both oneco-solvent & solvent ink and water-based ink printers.



### 5. Outstanding Image Quality

PET and Paper surface can be high-precision printed.



### 6. Ultra-thin

As thin as a paper, which is no difference with normal wide format material, no need special printer.



### 7. Light-weight

It's lighter, easy to install and carry. Wider, thinner and lighter than traditional PVC flexible magnet.

## Applications:

It can be printed directly and it is a good choice for commercial signage placed on metallic/ iron surfaces.

- Freezer/ fridge surface advertisement,
- Soda machine surface advertisement,
- In public places such as airports, railway stations, and subway, existing metallic walls and panels which can attract magnet,
- Indoor and outdoor graphics and signs which has metallic surface.





## Physical Characteristics

Product	MF-9002SOL-1T375	MP-1JET350	MP-1GOL395
Surface	PET, white, opaque	105g Inkjet Paper, white	150g Gloss Paper, white
Finish	Semi-gloss (waterproof), Antirust	Matt (non-waterproof), Antirust	Gloss (non-waterproof), Antirust
Substrate	Magnet Layer	Magnet Layer	Magnet Layer
GSM (Weight)	375g/M <sup>2</sup> (0.077lb/sq ft)	350g/M <sup>2</sup> (0.072lb/sq ft)	395g/M <sup>2</sup> (0.081lb/sq ft)
Surface Gauss	40-50GS		
Thickness	0.19mm (7.5mil)	0.20mm (7.9mil)	0.25mm (9.8mil)
Available Length	30M/50M (100ft/164ft)	30M/50M (100ft/164ft)	30M/50M (100ft/164ft)
Available Width	1,070/1,270/1,370/1,524/1,626mm (42/50/54/60/64inch)	1,030mm (40.5inch)	1,030mm (40.5inch)

## Application Characteristics

Product	MF-9002SOL-1T375	MP-1JET350	MP-1GOL395
Application recommendation	Advertisement on metallic surfaces	DIY PHOTO; Short-term & Medium-term Promotional	DIY PHOTO; Short-term & Medium-term Promotional
Printing Method	Inkjet Printing, UV Printing, Screen Printing	Inkjet Printing	Inkjet Printing
Inks	Solvent & Eco-Solvent Ink, UV Curable Ink	Dye, Pigment	Dye, Pigment
Wide Format Printing	✓	✓	✓
Environment Friendly	✓	✓	✓
Temperature range after application	-20°C to +70°C (-4°F to 158°F)	-20°C to +70°C (-4°F to 158°F)	-20°C to +70°C (-4°F to 158°F)
Graphic removal	Easy Removal & Reusable		
Note	To obtain optimum attraction, the metallic/iron surface must be clean, dry, and well unified.		



## RECOMMENDED PRINTERS

The below printers for reference purposes only, Please contact us for the latest supported printers.  
Ez-Film™ Digital Media for Printers

MANUFACTURER	MODEL	Type	INKSET	Ez-Film™ Steel	Ez-Film™ Mag
Agfa Graphics®	Grand Sherpa	Eco-Solvent	Sherpa	FF-9000SOL-2T310	MF-9000SOL-1T375
CANON®	imagePROGRAF iPF9100/9000/9000S	Aqueous	LUCIA	FP-2JET300 / FP-2GLO340	MP-1JET350 / MP-1GOL395
EPSON®	Stylus Pro 11880	Aqueous	UltraChrome K3	FP-2JET300 / FP-2GLO340	MP-1JET350 / MP-1GOL395
HP®	DesignJet Z6100 series	Aqueous	HP Vivera	FP-2JET300 / FP-2GLO340	MP-1JET350 / MP-1GOL395
	DesignJet 8000s/9000s/10000s	Eco-Solvent	HP Low-Solvent	FF-9002SOL-2T310	MF-9002SOL-1T375
HP Scitex®	XLJet 1500/1200	Solvent	VisionInk XL300 Supreme	FF-9002SOL-2T310	MF-9002SOL-1T375
	GrandJet	Solvent	VisionInk GR100 Supreme	FF-9002SOL-2T310	MF-9002SOL-1T375
	TurboJet 8300	Solvent	VisionInk T.J100 Supreme	FF-9002SOL-2T310	MF-9002SOL-1T375
	JF-1631/JF-1610	UV Curable	UV-curable ink	FF-9002SOL-2T310	MF-9002SOL-1T375
Mimaki®	JV3-75SP/130SP/160SP/250SP	Solvent	SS2	FF-9002SOL-2T310	MF-9002SOL-1T375
	JV4-160/JV4-180	Aqueous	Aqueous ink	FP-2JET300 / FP-2GLO340	MP-1JET350 / MP-1GOL395
	JV33-130/160	Solvent	SS21	FF-9002SOL-2T310	MF-9002SOL-1T375
	JV5-130S/160S	Solvent	ES3	FF-9002SOL-2T310	MF-9002SOL-1T375
Mutoh®	Falcon Outdoor/Outdoor Junior/Outdoor II	Eco-Solvent	Eco-Ultra	FF-9002SOL-2T310	MF-9002SOL-1T375
	Toucan LT	Eco-Solvent	Eco-Ultra	FF-9002SOL-2T310	MF-9002SOL-1T375
	ValueJet 64/100/1204/1604/2606	Eco-Solvent	Eco-Ultra	FF-9002SOL-2T310	MF-9002SOL-1T375
	Spitfire 65/90 / PJ-1946/3346	Eco-Solvent	Spitfire Mild Solvent	FF-9002SOL-2T310	MF-9002SOL-1T375
Nur®	Salsa	Eco-Solvent	Nur Spirit Solvent	FF-9002SOL-2T310	MF-9002SOL-1T375
	Fresco	Eco-Solvent	Nur Spirit Solvent	FF-9002SOL-2T310	MF-9002SOL-1T375
	Blueborad	Eco-Solvent	Nur Spirit Solvent	FF-9002SOL-2T310	MF-9002SOL-1T375
	Versacamm Sp-300V/540V, VP-300/VP-540	Eco-Solvent	Eco-Sol MAX	FF-9002SOL-2T310	MF-9002SOL-1T375
Roland®	SOLJET Pro III XC-540	Eco-Solvent	Eco-Sol MAX	FF-9002SOL-2T310	MF-9002SOL-1T375
	SOLJET Pro IIV SJ-545/645/745/1045 EX	Eco-Solvent	Eco-Sol MAX	FF-9002SOL-2T310	MF-9002SOL-1T375
	AD VANCED JET AJ-1000	Eco-Solvent	EcoXtreme	FF-9002SOL-2T310	MF-9002SOL-1T375
	150/3360/5330	Eco-Solvent	Vutek	FF-9002SOL-2T310	MF-9002SOL-1T375
Vutek®	UltraVU 2360/2600	Eco-Solvent	Vutek	FF-9002SOL-2T310	MF-9002SOL-1T375
	ULtraVU ii 3360	Eco-Solvent	Vutek	FF-9002SOL-2T310	MF-9002SOL-1T375
	QS2000/3200 UV	UV Curable	Vutek	FF-9002SOL-2T310	MF-9002SOL-1T375



# Flexible Magnet

Flexible magnets are made by mixing ferrite powder with synthetic rubber or plastic (CPE or NBR).



## Flexible Magnetic Sheeting

- Calendar flexible rubber magnets.
- Available in plain brown, with self-adhesive laminated or with Vinyl laminated.
- Perfect flexibility that can be easily cut.
- Vinyl **WIDEMAG** is good for wide format digital printing and screen printing.

<b>Thickness</b>	0.3 to 8mm (11.8 to 315mil)
<b>Max Width</b>	1,050mm (41 inch)
<b>Length</b>	30M (100 ft)
<b>Energy</b>	0.65 to 1.6 MGOe

## Extru-Mag™

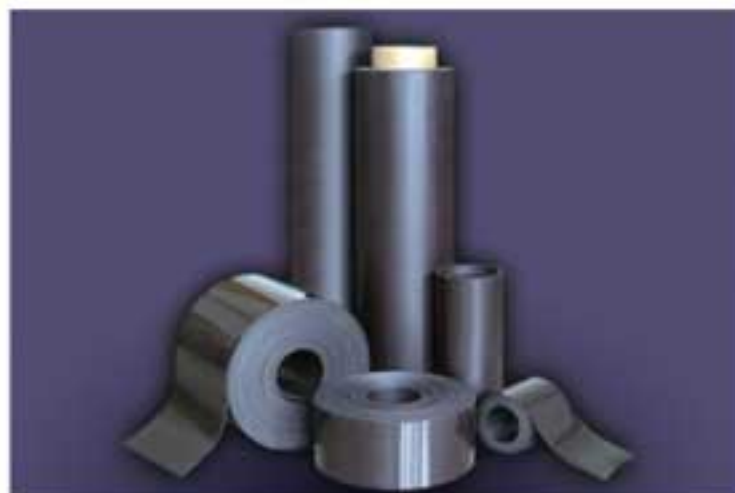
- High quality extrusion magnetic and profiles.
- Available in Isotropic & Anisotropic grades.
- Plain finishing or laminated with 3M, TESA or other self-adhesive.
- Custom profile is welcome.

<b>Thickness</b>	0.75 to 9.5mm (29.5 to 374mil)
<b>Max Width</b>	80mm (3.14 inch)
<b>Length</b>	30M (100 ft)
<b>Energy</b>	0.5 to 1.9 MGOe

If you require high magnetic force, special magnetization, special printing or other size, please contact us.

## Applications:

- **Advertising Specialty Industry:** Fridge Magnet, Promotional Products, Die-Cutting, Gift...
- **Sign Industry:** Graphics, Labels, Printing, POP-up System, Car Sign, Architectural Sign, Display Boards...
- **Education Industry:** Memo board, EVA Letter, Hobbies, Crafts, Puzzles...
- **Construction industry:** Magnetic Insect Screens, Magnetic Insulating Windows, Shower Cubical...
- **Automotive & Electrical Industry:** Motor, Sensor, Fridge Door, Ski-rack...

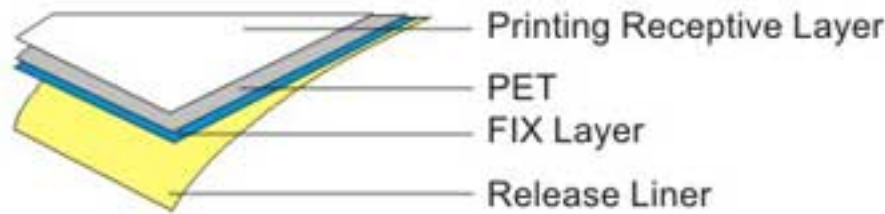






# — Fix Everywhere

**FIX-EZ™ is a new printing media that can fix to any smooth surface.**



Roll



Sheet

## Features:



### 1. FIX-EZ, Fix Everywhere

FIX-EZ does not contain glue or self-adhesive but can adhesive to most smooth surface.



### 2. Reusability

FIX-EZ can be removed and stuck again without leaving residue.



### 3. Durable-use

In case FIX-EZ losses its stickiness, simply wash it to revive.



### 4. Direct Digital Printer Printable

Compatible for Screen Printing & Offset Printing  
The surface can be high-precision printed directly.



### 5. Environmentally Friendly

Made of environmentally friendly materials and can be recycled.



### 6. Safety-use

Complies with children's usage standards En71 (1/2/3/9) and ASTM.  
Can be flow wrapped for packaging with food products.  
The material is widely used in medical industry.



### 7. Easy to Roll and Cut

Can be easily roll and cut o any shape without damaging.



### 8. Customer Size available

Wide range of thickness available and support customizes sizes and shapes.

## Application Surface:

Tightly fix to the smooth surface with a strong strength.



Metal



Tiles/Plastic



Varnished Wood



Computer



Microwave Oven



Glass



Refrigerator



Laminated Paper

Can not be attached to the convex, non-smooth surface.





FIX-EZ can be widely used for adhesive applications such as Stickers, Window Graphics, Mouse Pad, Promotional Products POP/ Tradeshow, DIY Photo, Gift, Vehicle Sign...



Advertising Specialty:  
Stickers, Promotional,  
Products...



Windows Graphics



Vehicle Sign



Mouse Pad...

### Physical Characteristics:

Property	FIX-EZ020T	FIX-EZ040T	FIX-EZ060T
Thickness	0.2mm (7.9mil)	0.4mm (15.7mil)	0.6mm (23.6mil)
Width	520mm (20.5inch)		
Length	50M (164 ft)		
Packaging	Roll/Sheet		
GSM (g/m <sup>2</sup> )	310g (0.68lb)	495g (1.09lb)	715g (1.58lb)
Specific Gravity	1.1~1.3		
Temperature range	-50~200°C (-58~392°F)		
Hardness	15±5~50±5		
Glass surface adhesion (Vertical direction - off)	0.25-0.7kgf/cm <sup>2</sup> (24.5x10 <sup>3</sup> Pa-68.6x10 <sup>3</sup> Pa)		
Surface	PET High Temperature PVC & Paper are under testing		
Liner	Paper(White Yellow Color),PP Film,PE		
Fix Layer Color	Any PT color		
Erasable	Perfect		
Printable	Screen Printing, Offset Printing		
Certification	RoHS, EN71(1,2,3,9)		
Hydrophilicity	0		

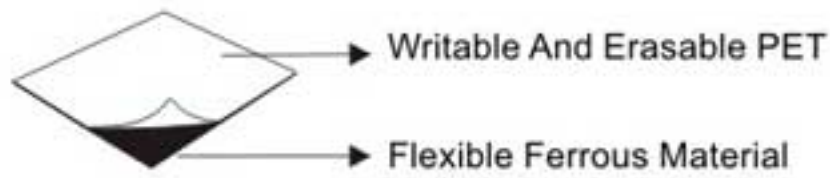
### Notes:

- 1.To obtain optimum attraction, the smooth surface must be clean, dry, and well unified.
2. It may not get good maintain power if the surface is convex.
3. Please use a flat panel or other tools to remove the blisters when pasting.

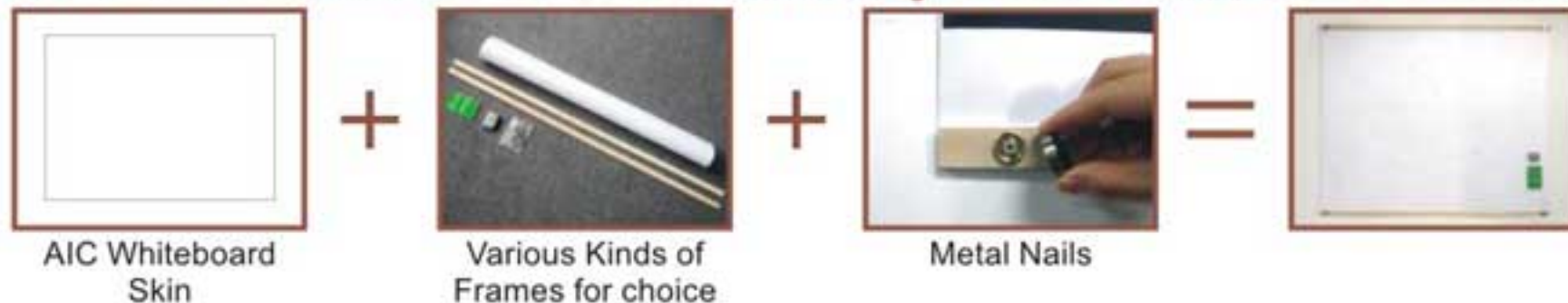


# AIC Whiteboard Skin

**AIC Whiteboard Skin Is a flexible ferrous material laminated with writable and erasable PET and it has good magnetic receptive property for making whiteboards and projector screens.**



## New Economical Board made by AIC Whiteboard Skin!



### Features:



#### 1. Low Price

- The price of our material is much lower than the traditional painted steel whiteboards.
- To supply economical whiteboards to customers is very important for you and us, especially during the financial crisis period.



#### 2. Simple whiteboard materials

- Simple structure: Standard and simple whiteboard system is easy-to-install, easy-to-change
- Easily packing and transporting: It can be rolled up, carried and posted on walls anywhere.
- Light, thin and soft: It is portable to carry, install and remove.



#### 3. Easy to Roll and Cut

- It can be easily cut, bent, twisted, coiled, or be machined into almost any shape without damaging.



#### 4. Perfect Writable and Erasable Function

- The whiteboard has past the test of writing on and wiping off for 100,000 times by SGS.
- Better material than traditional painted steel surface and other PVC whiteboard surface.



#### 5. Antirust

- It is antirust so you can use for tens of years.



#### 6. Direct Digital Printer Printable:

- Proceed PET surface compatible with Solvent and Eco-solvent Printing, UV Printing and Screen Printing for your graphic application.

### Applications:

#### Whiteboard:

It can replace traditional flex metal board and painted steel whiteboard's materials.

#### Projector Screen:

You can write directly on the screen





### Magnetic Receptive Whiteboard Skin

	F-RW-T04	F-RW-T05	F-RW-T07	FF-RW-2T260
Surface	PET	PET	PET	PET
Finish	Gloss White	Gloss White	Gloss White	Gloss White
Base Material	Antirust Ferrous	Antirust Ferrous	Antirust Ferrous	Antirust Ferrous
GSM	1,650g/M <sup>2</sup> (0.034lb/sq ft)	2,073g/M <sup>2</sup> (0.042lb/sq ft)	2,798g/M <sup>2</sup> (0.057lb/sq ft)	260g/M <sup>2</sup> (0.053lb/sq ft)
Thickness	0.4mm(15.7mil)	0.5mm(19.7mil)	0.7mm(27.6mil)	0.15mm(5.9mil)
Available Length	30M(98.4ft)	20/30M(65.6/98.4ft)	20/30M(65.6/98.4ft)	30/50M(98.4/164ft)
Available Width	620/1,000mm(24/39inch)	620/1,000mm(24/39inch)	620/1,000mm(24/39inch)	1,000mm(24/39inch)
Remarks	Writable & Erasable	Writable & Erasable	Writable & Erasable	Writable & Erasable (Ultra-thin Series)

### Magnetic Whiteboard Skin

	M-RW-T04	M-RW-T05	M-RW-T07
Surface	PET	PET	PET
Finish	Gloss White	Gloss White	Gloss White
Base Material	Flexible Magnet	Flexible Magnet	Flexible Magnet
GSM	1,737g/M <sup>2</sup> (0.356lb/sq ft)	2,204g/M <sup>2</sup> (0.451lb/sq ft)	2,902g/M <sup>2</sup> (0.594lb/sq ft)
Thickness	0.4mm(15.7mil)	0.5mm(19.7mil)	0.7mm(27.6mil)
Available Length	30M(98.4ft)	20/30M(65.6/98.4ft)	20/30M(65.6/98.4ft)
Available Width	620/1,000mm(24/39inch)	620/1,000mm(24/39inch)	620/1,000mm(24/39inch)
Remarks	Writable & Erasable	Writable & Erasable	Writable & Erasable

### Writable & Erasable PET

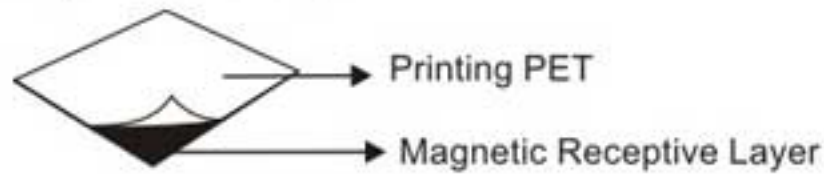
	RW-T01	RW-T01-SA
Surface	PET	PET
Finish	Gloss White	Gloss White
GSM	175g/M <sup>2</sup> (0.036lb/sq ft)	270g/M <sup>2</sup> (0.055lb/sq ft)
Thickness	0.1mm(3.9mil)	0.22mm(8.7mil)
Available Length	100M(328ft)	50M(164ft)
Available Width	1,030mm(40.5inch)	1,030mm(40.5inch)
Remarks	Writable & Erasable PET	Writable & Erasable PET with Self-adhesive



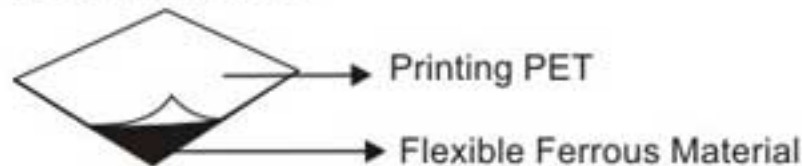
# AIC's innovative Map-making materials

## AIC's innovative Map-making materials: Ez-Film Steel & PET Iron Sheet.

**Ez-Film Steel** is a printing PET film with magnetic receptive material backing and users can write on and wipe off it easily.



**PET Iron Sheet** is a flexible ferrous material with printing PET laminated.



## Features:



### 1. Magnetic Receptive

Not magnet but can be easily placed on magnetic back panel.



### 2. Writable & Erasable

The map surfaces can be writable & erasable after print process.



### 3. Light-weight & Ultra-thin

The world's most light-weight and thinnest magnetic receptive printing media used to make maps.



### 4. Display & Change Easily

Everyone can display the portable maps fast and change them easily from the magnetic back panel.



### 5. Easy-to-clean

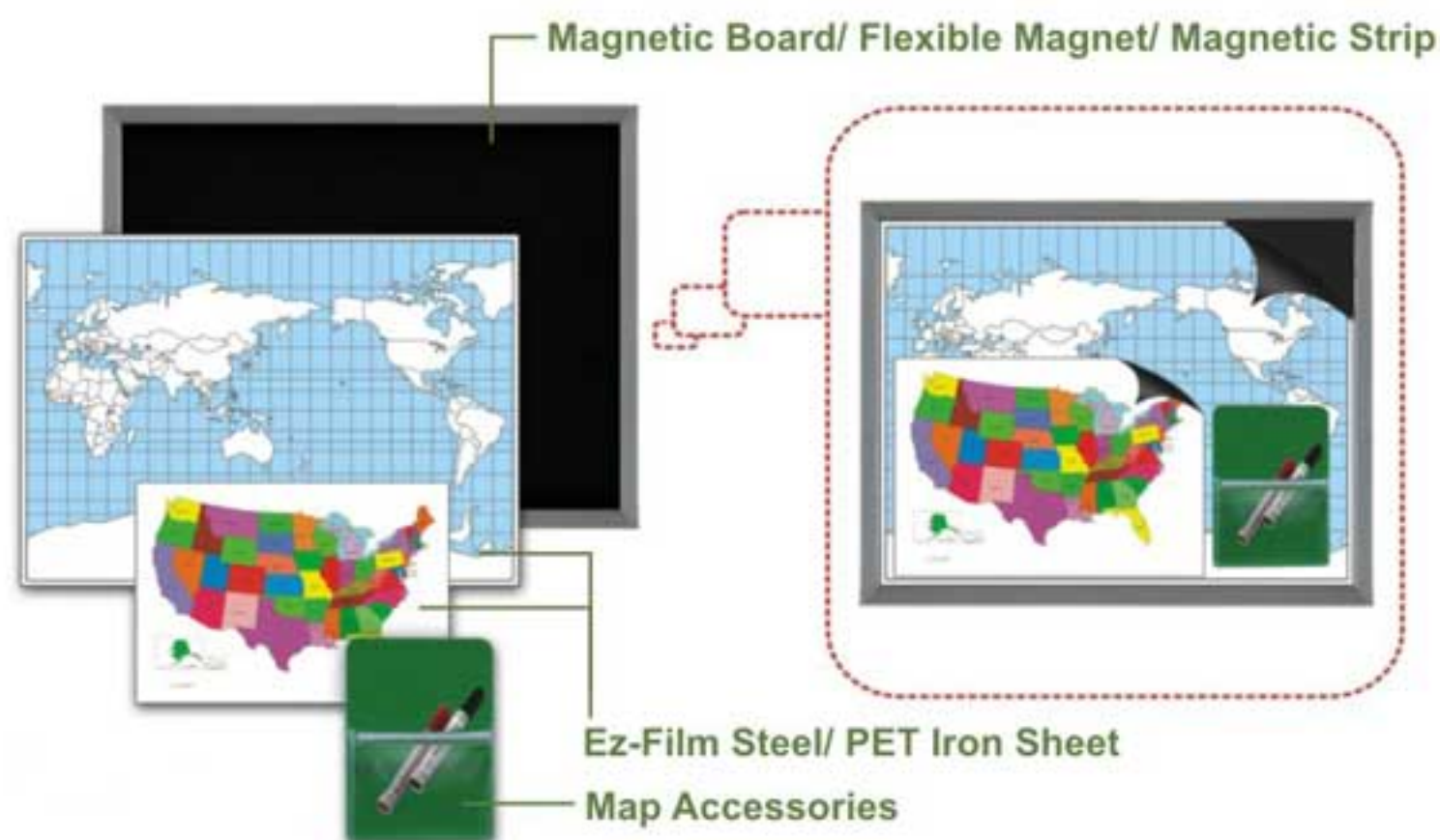
Users will be able to clean the map surface with water.



### 6. Magnetic Accessories

Bring great conveniences for using maps: magnetic PVC pocket, marker pens, magnetic holders, magnetic strip...

## How to use:





## Size & Accessories

System	Products	Thickness	Max Width	Standard Length
Map Skin	Ez - Film Steel	0.25mm(9.84mil)	1,630mm(64mil)	30M(98 ft)
	PET Iron Sheet	0.5mm(19.7mil)	1,050mm(41mil)	30M(98 ft)
Base Panel	Flexible magnetic sheeting with self-adhesive	0.5mm(19.7mil)	1,050mm(41mil)	30M(98 ft)
	Magnetic board	5.5mm(216.5mil)	1.2M(47.2inch)	2.4M(94.5inch)
Map Accessories	Magnetic Marker Pen, Magnetic Eraser, Magnetic PVC Pocket, Magnetic Holder, Fridge Magnet, Magnetic Photo, Magnetic Postcard...			



Magnetic Strip



Magnetic PVC Pocket &amp; magnetic Mark Pen



Magnetic Sign



Magnetic Holder

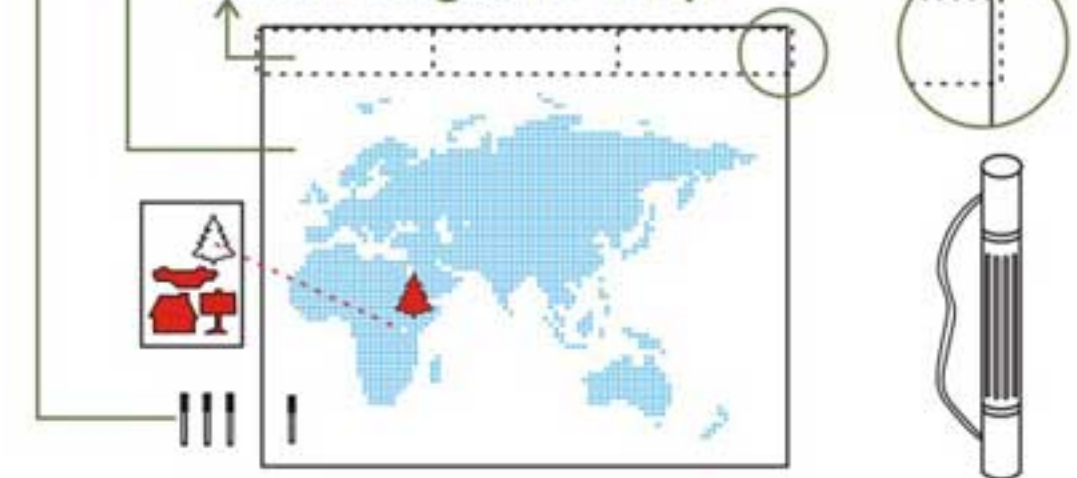
## Case Study 1: Education Roll Map

System	Item	Qty
Map Skin	Printed Ez-Film Steel (Wall Map)	1
Base Panel	Magnet Strip with Adhesive	3
Map Accessories	White Board Mark Pen in PP bag	4
	A4 die-cut magnet block sheet (supplied un-broken in a cellophane bag)	1
	1m long plastic tube and end caps (printed one color)	1

### Map Accessories

Map Skin: Ez-Film Steel

Base: Magnetic Strip



## Case Study 2: Office & Business Map

- Planning and tracking, Changing very easily.
- Magnetic markers and symbols to track customers, delivery points, service centers, and more.
- 2 sides available

System	Item	Qty
Map Skin	Printed PET Iron Sheet (Regional Local Map)	
Base Panel	Magnetic Boards on the Wall	
Map Accessories	Magnetic Mark Pen in PP bag	
	Magnetic holder	





# print media messe drupa report daily

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June 10, 2008



**"Digital print is now mature"**  
Punch Graphic chief Wim Deblauwe on inkjet versus toner and the CTP debate  
People page 3



**Chesapeake in manroland buy**  
Packaging giant invests in its Frankfurt plant with a six-colour HP Indigo 700  
Technology page 5



**Latin America's bright future**  
Upward trend of last two years is set to continue for region's print sector  
Business page 14

**In the Spotlight**  
The show must go on  
by Jack Brooks

Drupa's nearly over and there are a lot of weary feet in the halls. Yet has been great to see the enthusiasm of both visitors and exhibitors, and for it to continue to grow. Yesterday, Sun Chemical's CEO Rudi Lenz told us he could go on for two more weeks. The show may mean hard work and long hours for everyone involved, but especially in this age of cheap travel and huge technological advances, even three weeks probably wouldn't be enough to appreciate

## HP seals on-demand deal Drei HP Indigos nach Nürnberg



**PrintCity feiert 10 Jahre**  
PrintCity feiert 10-jähriges Jubiläum. Die PrintCity Alliance markiert 10 Jahre at drupa 2008 und hat gewinn in aktivität und anerkennung weltweit. Die Alliance verbindet zusammen und stützt partner netzwerk, allowing its members to work together on different subject areas to create value added solutions for all of the market. It is also an excellent communication channel and its members are recognized for setting trends, networking and providing solutions for hot topics in the industry: "doing good" - and talking about it. Die PrintCity Alliance freut sich

**"It can be used for quickly decorating exhibition stands or for changeable signs"**

— DRUPA Report DAILY, June 10, 2008

## AIC unveils Ready-Mag Magnetische Medien

Chinese company AIC Magnetics is displaying a new magnetic material for inkjet printing in Hall 7.1 D06. It can be used for quickly decorating exhibition stands or for changeable signs.

The metallised substrate, called Ready-Mag, is suitable for inkjet printers in large or small format. The suitable magnetic counterpart to which Ready-Mag adheres is a flexible, thin foil that can easily be stuck to walls or panels.

Ready-Mag is available in various thicknesses and formats in matt and glossy qualities. In addition, it is waterproof and can also be used outdoors.

AIC is headquartered in Hong Kong but manufactures its products in Guangdong Province.

**Das chinesische Unternehmen**

AIC Magnetics zeigt in Halle 7.1, D06 ein neuartiges magnetisches Material für den Inkjetdruck, das für das schnelle Dekorieren von Messeständen oder für den Sign-Bereich zum Einsatz kommen kann. Das metallisierte Substrat heißt Ready-Mag und eignet sich zum Bedrucken mit Inkjet-Printern im Groß- und Kleinformat. Das passende magnetische Gegenstück, auf dem Ready-Mag haftet, ist eine flexible, dünne Folie, die sich leicht auf Wände kleben lässt. Ready-Mag ist in verschiedenen Dicken und Formaten in matten und glänzenden Qualitäten erhältlich. Zudem ist es wasserfest und kann im Außenbereich eingesetzt werden.



Practical and quick exhibition stand decoration with Ready-Mag

Praktische und schnelle Dekoration eines Messestands mit Ready-Mag



**AIC Magnetics Ltd.**

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