

Introducing innovative synthetic solutions for your digital imaging opportunities.

Fusion Digital Paper[™] is a family of unique synthetic products specifically engineered for digital imaging. Durable, tear resistant, and waterproof, Fusion products run great; provide beautiful image fidelity and have excellent toner adhesion. The opportunities with Fusion products are endless and they allow you take full advantage of your digital equipment's capabilities. So unleash your creativity and maximize your digital potential with Fusion Digital PaperTM.



Learn more about all the great Fusion Digital Paper[™] products by visiting our website.

- Product demonstration videos
- Product applications
- Product specifications
- Optimum equipment settings
- Customer testimonials
- Informative product articles
- Educational digital printing method videos

www.fusiondigitalpaper.com

All products Made in USA

TONER		INDIGO	
7.5 mil	10 mil	12 mil	10 mil
12"x18"	12"x18"	12"x18"	12"x18"
400 sheets	300 sheets	250 sheets	300 sheets

FUSION SOFT POLYESTER

This is a very unique product because it has the positive characteristics of both polyester and paper. It is water and tear resistant for excellent durability, but also feeds, prints and can handle print finishing processes like paper does.

With a very smooth surface that rivals the Sheffield Smoothness of Premium uncoated offset sheets, Fusion Soft Polyester provides both beautiful image fidelity and toner adhesion.

Compared to other polyester sheets, our digital soft polyester has virtually no static build up to assure excellent runnability. This is a feature that cannot be overstated, because if you have tried to run a polyester sheet on your digital equipment, you understand that static is usually an inherent problem with this type of a product. But this is not the case with Fusion Soft Polyester, as you will experience no static problems on the feeding or receiving ends of your equipment.

This product is very stain resistant which makes it great for menus, and can be washed and used repeatedly for placemat applications. Fusion Soft Polyester has been used for outdoor books and manuals, and both the image/toner adhesion and product held up admirably.

Fusion Soft Polyester can be made with three different coatings to handle high heat toner, HP Indigo and ink jet applications.





FUSION SOFT POLYESTER DIGITAL APPLICATIONS

Golf Scorecards Heating and Cooling Tags Hiking Trail Maps Horticultural Tags Hunting Guides	Paramedic Charts Park Maps Parts Manuals Place Mats
Hiking Trail Maps Horticultural Tags	Parts Manuals Place Mats
Horticultural Tags	Place Mats
C C	
Hunting Guides	
	Poison Charts
andscaping Manuals	Sailing Logs and Guides
eisure Guides	Scuba Diving Manuals
uggage Tags	Shop Diagrams
umber Tags	Sports Manuals
Maps	Tab Dividers
Marine Repair Tags	Tags
Medical Charts	Tape Measures
Medical Laboratory Logs	Technical Data Sheets
and Manuals	Technical Manuals
Membership Cards	Tree Tags
Military Field Manuals	Wristbands
Nautical Charts	
	andscaping Manuals eisure Guides uggage Tags umber Tags Marine Repair Tags Medical Charts Medical Laboratory Logs nd Manuals Membership Cards Military Field Manuals

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	TONER	
5 mil	8 mil	11 mil
12"x18"	12"x18"	12"x18"
600 sheets	375 sheets	250 sheets

FUSION RIGID POLYESTER

Fusion Rigid Polyester is a strong polyester film that has a coated surface designed for digital applications. A very durable product, our rigid digital polyester is tear resistant and waterproof, and a great product for outdoor applications that will be subjected to the toughest of conditions. Even in-ground applications like plant stakes.

The super smooth printing surface yields outstanding image fidelity and toner adhesion. So don't be afraid of demanding graphics, use Fusion Rigid Polyester when quality and durability matter.

The rigidity gives you the snap of a heavy board stock, which makes Fusion Rigid Polyester a great choice for outdoor signs. Now you have a product you can use for jobs that need to withstand outdoor climate conditions without having to laminate it. Imagine being able to do those jobs in-house, and turning them around in just minutes. With Fusion Rigid Polyester this is now a reality.

Fusion Rigid Polyester can be made with coatings to handle high heat toner and HP Indigo applications.

150 GSM
260 GSM
375 GSM





FUSION RIGID POLYESTER DIGITAL APPLICATIONS

Airline Safety Cards	Flash Cards	Parking Permits
Business Cards	Greeting Cards	Plant Stakes
Book Covers	Hang Tags	Playing Cards
Bookmarks	Heating and Cooling Tags	Point of Purchase Displays
Bottle Collars	Horticultural Tags	Presentation Covers
Calendars	Hunting Licenses	Recipe Cards
Catalogs	ID Cards	Retail Shelf Advertising
Door Hangers	Luggage Tags	Table Tents
Die Cut Products	Lumber Tags	Temporary License Plates
Event Passes	Marine Repair Tags	Tickets
Indoor Signage	Membership Cards	Trade Show Displays
Key Fobs	Menus	Wrist Bands
Fishing Licenses	Outdoor Signage	

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TONER	INDIGO
12"x18"	12″x18″
250 sheets	250 sheets

FUSION PEEL N STICK POSTCARD[™]

Taking the direct mail world by storm, Fusion Peel N Stick Postcard[™] is a patent pending new product for postcard applications that need to get noticed.

Made with our special top coated woven polyester face stock, you will get great image fidelity and color brilliance. Our adhesive will not only stick to virtually any surface, it's also repositionable, so it can easily be moved again and again. It's like a magnet, but better, because you're not limited to just metal surfaces.

Our durable 8 PT release liner has a laser printable surface which gives you excellent toner anchorage when you print on the backside. Because this finished product has a 12 mil caliper it is perfectly suited for post cards applications.

We offer Fusion Peel N Stick Postcard^M in 12"x 18" sheet size that has a pre kiss cut face to allow you to make 4-up 5 $\frac{1}{2}$ " x 8 $\frac{1}{2}$ " postcards. Please look at the layout template which shows you how to set up your artwork.

Fusion Peel N Stick Postcard[™] now allows you to produce one, or one million; kiss cut repositionable postcards without ever having to leave your facility. Yes, it really is this easy.

Fusion Peel N Stick Postcard[™] can be made with three different coatings to handle ink jet, HP Indigo, and high heat toner applications. For more information about additional kiss cut formats you would like to discuss please give us a call.





FUSION PEEL N STICK POSTCARD[™] DIGITAL APPLICATIONS

Any product you use for magnet applications

High School and College Reunions	Poison Control Information	Sports Schedule
Doctor Office Information	Political Campaigns	Veterinary Information
Family or Business Holiday Cards	Product Announcements	Wedding Announcements
Grand Openings	Restaurant Take Out Menus	
Health Benefit Open Enrollment Information	School Key Contact Information	

Please ask us about any different applications you want to

develop that need a different die pattern.

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TONER	INDIGO
12"x18"	12″x18″
250 sheets	250 sheets

FUSION PEEL N STICK BUMPER STICKER™

Imagine what you could do with a product that truly allows you to meld the advantages of one-off digital printing with the durability of an outdoor polyester bumper sticker stock. Well imagine no more, because it's now available with Fusion Peel N Stick Bumper Sticker[™].

Made with our special top coated woven polyester face stock, you will get great image fidelity and color brilliance. Because our face stock is polyester, it is has excellent durability and UV resistance, and is waterproof for outdoor applications such as bumper stickers. And since you can print it digitally, short run current event bumper stickers are a natural application for this product.

Our adhesive will not only stick to virtually any surface, it's also repositionable, and therefore it can easily be moved again and again. So you can use this product for many more applications than just bumper stickers. Our durable 8 PT release liner has a laser printable surface which gives you great toner anchorage when you print on the backside. This well-constructed product will lay flat for excellent runnability on your digital production equipment and is perfectly suited for printing on the backside/release liner for instructions or redeemable coupons.

We offer Fusion Peel N Stick Bumper Sticker[™] in a 12"x 18" sheet size that has a pre kiss cut 5-up format that allows you to make 3" x 11" bumper stickers in a flash. Please look at the layout template on our website which shows you how to set up your artwork.

Fusion Peel N Stick Bumper Sticker™ now allows you to produce kiss cut repositionable bumper stickers without ever having to leave your facility. So there's no need to run out to the bindery, saving you time and money on your project.

Laura did it!! NATIONAL HONOR SOCIETY

Fusion Peel N Stick Bumper Sticker[™] can be made with three different coatings to handle ink jet, HP Indigo, and high heat toner applications. For more information about Fusion Peel N Stick Bumper Sticker[™], or additional kiss cut formats you would like to discuss, please give us a call.



FUSION PEEL N STICK BUMPER STICKER[™] APPLICATIONS

Advertising Bumper Stickers	Football Helmet Name Stickers	School Bumper Stickers
Charity Bumper Stickers	Fund Raiser Bumper Stickers	Student Award Bumper
Creative Bumper Stickers	Locker Name Stickers	Stickers
Current Event Bumper Stickers	Political Bumper Stickers	Team Bumper Stickers
Destination Bumper Stickers	School Spirit Bumper Stickers	Variable Image One-Off Bumper Stickers
Door Name Stickers	Sports Bumper Stickers	

Back Print Bumper Stickers for Redeemable Coupons

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TONER	INDIGO
12″x18″	12″x18″
250 sheets	250 sheets

FUSION WOVEN FABRIC REPOSITIONABLE

Fusion Woven Fabric Repositionable is a great alternative to vinyl wall graphics because it won't stretch when removed from the wall and will keep its shape even when reapplied over and over.

Made with our special top coated woven polyester face stock, you will get great image fidelity and color brilliance. Our adhesive will not only stick to virtually any surface, it's also repositionable, so it can easily be moved again and again. It's like a magnet, but better, because you're not limited to just metal surfaces.

Our durable 8 PT release liner has a laser printable surface which gives you excellent toner anchorage when you print on the backside. This well constructed product will lay flat for excellent runnability on your digital production equipment.

Fusion Woven Fabric Repositionable can be made with three different coatings to handle ink jet, HP Indigo, and high heat toner applications. It is also available in our sister product Perception Wide Format rolls for solvent, eco sol and UV ink jet and aqueous ink jet.





FUSION WOVEN FABRIC REPOSITIONABLE DIGITAL APPLICATIONS

Bumper Stickers	Event Door and Wall Signs	Posters
Business Cards	Football Helmet Practice Name	School Spirit Stickers
Calendars	Stickers	for Lockers and Hallway Decorations
College Class Syllabus	Garage Sale Posters Heating and Cooling Labels	Sports Schedules
Counter Mats	Interior Car Labels	Store Signage
Custom Educational Products	Laptop Skins	Telemarketing Product
Emergency Number and Contact		"Feature and Benefit" Selling Aids
Information	Lost Pet Posters	
Employee of the Month Wall Posters	Magnet Replacements	

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TONER	
12"x18" 250 sheets	

FUSION DIGITAL NAME BADGE

Fusion Digital Name Badge is a satin acetate top coated for digital imaging. This product has a removable adhesive made specifically for clothing apparel. It is a great product for any high quality name badge applications, and has a proven track record for this application.

When designing specific event backstage and security passes, Fusion Digital Name Badge gives you the ability to print only the exact number of required badges with variable information unique to your individual event. The most intricate graphics are possible with Fusion Digital Name Badge.

The coated face stock, 92# lay flat release liner, and premium removable adhesive give you a superior badge product, both for beautiful image graphics and scratch resistant toner adhesion, and also with an adhesive you can trust for a variety of apparel applications.

Fusion Digital Name Badge performs well during die cutting, and is effectively resistant to mildew and perspiration.

Fusion Digital Name Badge can be made with three different coatings to handle high heat toner, HP Indigo and ink jet applications.





FUSION DIGITAL NAME BADGE DIGITAL APPLICATIONS

Concert Backstage Badges

Event Name Badges

Hunting License Tags Marathon Tags

Skiing Tags

Sporting Event Badges Trade Show Badges Triathlon Tags

Fishing License Tags

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FUSION DIGITAL SATIN FABRIC

Fusion Digital Satin Fabric is a coated one side satin polyester fabric that offers some very unique opportunities. Imagine a cloth-like fabric that has great runnability through your high speed digital equipment, and will provide excellent image fidelity and toner adhesion. That's now a reality with Fusion Digital Satin Fabric.

This product performs well during print finishing operations such as die cutting and grommeting. It is highly resistant to shrinking or curling and is also very resistant to degradation from rot, mildew and moisture. So it's great for outdoor applications.

Some unique applications this product has been used for are mattress private labels for mattress manufacturing companies and custom event pennants.

We can also custom manufacture this product coated two sides if required. Fusion Digital Satin Fabric can be made with coatings to handle high heat toner and HP Indigo applications.

> 25 YEAR WARRANTY Each one of our mattresses has been hand inspected and given the Ultra Comfort stamp of approval before leaving our warehouse.

> > Droudly Crafted in

iddlefield, Ohio

Welcome Home!

fusion



FUSION DIGITAL SATIN FABRIC DIGITAL APPLICATIONS

Custom Event Pennants

Furniture Labels

Special Event Apparel Patches

Golf Outing Custom Pin Flags

Mattress Labels

Uniform Name Apparel Patches

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SOLVENT ROLL	AQUEOUS ROLL	
30" x 100' 3" core	24" x 100' 2" core	
54" x 100' 3" core	36" x 100' 2" core	
60" x 100' 3" core	60" x 100' 2" core	

PERCEPTION WOVEN FABRIC REPOSITONABLE

Our sister product to Fusion Woven Fabric Repositionable for wide format printing is Perception Woven Fabric Repositionable. This product is made with two different top coatings. One top coating is a multi-ink platform for solvent, eco sol, and UV inks, while the other product is specifically designed for aqueous inks. Please be sure to specify and order the top coating that properly matches your equipment.

Perception's woven fabric polyester face stock has a number of benefits. Because it is polyester, it won't stretch or shrink like vinyl wall graphics. This is very important for wall graphics that may butt up to each other, or if you want to take down and re-apply the graphic in another location. You very well may lose formation integrity with vinyl, but not with our polyester. Also, Perception's woven matte finish gives your media a rich, non-glare, textured surface, resulting in brilliant colors that pop off the fabric.

You will love how easy and clean our woven fabric polyester cuts. The anti-fray characteristics allow for problem free cuts around fine detail without fraying or lifting away from the release liner. In addition, Perception Woven Fabric Repositionable is water resistant so it's great for three season outdoor applications.

Our repositionable adhesive will adhere well to most surfaces such as painted walls, wood cabinets, glass and metal. And it's repositionable, so the image can be moved and re-applied over and over again. Combine our repositionable adhesive with the durability of our woven polyester face stock and you have a rugged product with great dimensional stability which is extremely important for retail, galleries and consumer applications.

Perception Woven Fabric Repositionable is sure to be a choice you will be happy with for premium interior applications for sealed walls, displays, glass and film, cabinets, metal and plastic. Outdoor promotional applications include vehicles, bus shelters, sandwich boards, doors and windows.



PERCEPTION WOVEN FABRIC REPOSITONABLE DIGITAL APPLICATIONS

Advertising	Gymnasium Signage	Posters
Banners	Home and Office Decorations	School Locker Art
Beauty Salons	Kids Room Art	Signage
Bill Boards	Movie Posters	Sports Art
Company or Team Logos	Museums	Vehicle Signs
Door Signs	Murals	Wall Graphics
Elevator Doors	Nursery Art	Wall Quotes
Event Signs	Photo Reproductions	Window Decals
Exhibits	Point of Purchase Displays	Window Graphics
Grocery Store Graphics	Political Campaigns	

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FUSION DIGITAL PAPER'S HIGH HEAT TONER PRODUCTS

Fusion Digital Paper[™] products are designed specifically for the high heat toner printing method. They are made to withstand the rigors of fusing temperatures up to the 400°F level. If you want to watch a product video, or find out more information about a specific product, just go to www.fusiondigitalpaper.com.

Significant testing and print trials have been done on all types of equipment to assure the best toner adhesion, print fidelity and runnability possible. Understand that each piece of equipment is different, some use fuser oil during the fusing process, but others don't. Different equipment fuse at different temperatures. Different equipment have different paper paths through the machine. Different equipment have different feeding and stacking platforms. Additionally, toner particles are not all the same size and composition. So there are numerous challenges to the production of a synthetic sheet that will work perfectly on every piece of equipment in the market place.

Fusion Digital Paper[™] has reached out to most major OEM's to work with us to determine the **Optimum Equipment Settings** for their production digital equipment on each Fusion Digital Paper[™] product. Our goal is to make your experience with Fusion Digital Paper[™] as positive as possible, and we have worked tirelessly to help you reduce the learning curve on running digital synthetics and experience immediate success. If your equipment is not listed in the **Optimum Equipment Settings** section on our website, tell your equipment manufacture that you want to maximize your investment and potential in your digital equipment by running Fusion Digital Paper[™]. Please have them contact us directly to set up a print trial so we can add their equipment to our **Optimum Equipment Settings** section.

The digital world is not a static universe. Things are constantly changing, and so will our Fusion Digital Paper[™] offering. With that in mind, we hope you will check back to our website regularly to stay current on **New Product Launches** that will be coming in the future. And if you have an application that you would like to discuss that requires product development; please get in contact with us. We are always happy to work on new digital challenges.

FUSION CUSTOM MANUFACTURING CAPABILITIES

When we say unleash your creativity, we really mean it. As you can see, that's what we did in creating Fusion Digital PaperTM.

But we realize we aren't the only ones with good ideas. So tell us yours. What problems are you trying to solve? Do you have any applications that are going unfulfilled?

All we know is that when good ideas meet the team of Fusion Digital Paper[™] chemists, good innovative products can result. At least we promise to give it the full court press.

Do you want to put an adhesive on Fusion Soft Polyester? Do you need a pressure sensitive product that can be run digitally and can be applied at freezer temperatures? Those are a couple of ideas brought to us and we developed products to solve those problems.



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