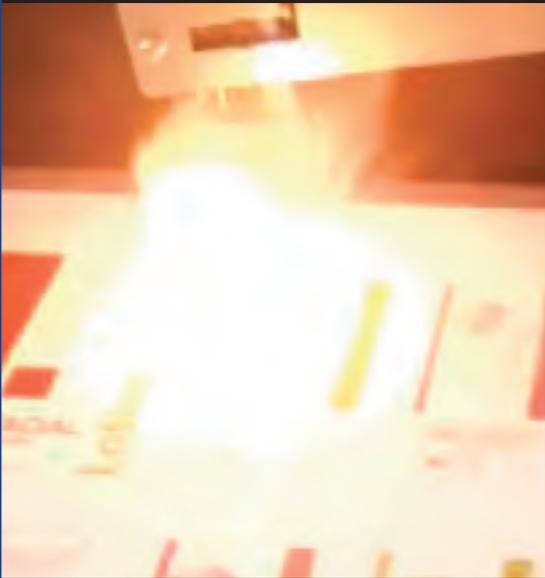


# PolyTag Laser Die-Cut Paper



Make Your Own Custom Waterproof Signage, Tags, Menus and More!

As a leading supplier of waterproof synthetic papers for laser printers, MTM now offers to die cut these materials at the speed of light. With laser die cut PolyTags you are now free to explore artistic avenues with a complexity and intricacy that was previously impossible to achieve!




**Made In  
the U.S.A.**




Marketing & Technical Materials, Inc.  
**503-612-0565**  
**1-800-704-4647**  
 mtmimagingsupplies.com



# PolyTag Laser Die-Cut



# Paper

Have you ever wanted to produce copies that could stand up to the harsh conditions of outdoor use? If you are looking for a 100% waterproof material with fade resistance, good archival quality, tear resistance and outstanding toner adhesion to withstand scratching, then we have a permanent paper that meets all of these needs.



Custom Die-cuts at the speed of light, literally!

*The speed of light is approximately 186,282.4 miles per second, or about 671 million miles per hour.*

You may already be using our wide range of polyester products. Now we take this product line even further by offering to die cut these materials at quite literally the speed of light. By using a state of the art laser cutting process LaserTag is the logical choice for businesses looking for something to make them stand apart from their competitors.

Designers are now free to explore artistic avenues with complexity and intricacy that was previously impossible to achieve. In addition, design changes can be easily made digitally, reducing the time and cost required to implement last minute alterations.

With LaserTag high-speed laser die cutting, no expensive dies are required. Reduced lead times and the ability to make last minute changes are only a few of the benefits of laser die cutting over traditional die cutting.

LaserTag, high-speed laser processing delivers clean micro-perforated edges with no copier fuser damaging dust or residue.

With this contact-free material processing, no material distortion occurs, allowing for flat, trouble free feeding of the media in your copier.

## 4mil DuraWhite

This is our most popular thickness. DuraWhite is about the same thickness as a sheet of 20lb copier paper. It is suitable for two side printing but does have a little show through. It is pretty strong stuff, but if in doubt, step up to our ProWhite 5 mil. Durawhite will run on almost all copiers and printers.

Thickness	4 mil
Equivalent	20lb. Bond
Whiteness	104 (WE)
Opacity	95%
Coated Sides	2 sides
Surface Finish	Matte

SIZE	Pack Quantity	1 Value Pack	2-9 Value Pack	10+ Value Pack
8.5" x 11"	1000 sheets	.39¢ per sheet	.36¢ per sheet	.33¢ per sheet
8.5" x 14"	1000 sheets	.50¢ per sheet	.46¢ per sheet	.42¢ per sheet
11" x 17"	1000 sheets	.78¢ per sheet	.72¢ per sheet	.66¢ per sheet
12" x 18"	1000 sheets	.88¢ per sheet	.82¢ per sheet	.76¢ per sheet

## 5mil Pro-White

A little bit thicker than our 4 mil and a lot more opaque. This thickness is used for two side printed plant tags. At 5 mil, Pro-White will run on most copiers and printers but it's worth checking your user's guide on smaller machines to make sure.

Thickness	5.7 mil
Equivalent	28lb Bond
Whiteness	99.3 (WE)
Opacity	97%
Coated Sides	2 sides
Surface Finish	Matte

SIZE	Pack Quantity	1 Value Pack	2-9 Value Pack	10+ Value Pack
8.5" x 11"	1000 sheets	.45¢ per sheet	.41¢ per sheet	.38¢ per sheet
8.5" x 14"	1000 sheets	.58¢ per sheet	.54¢ per sheet	.49¢ per sheet
11" x 17"	1000 sheets	.90¢ per sheet	.82¢ per sheet	.76¢ per sheet
12" x 18"	1000 sheets	\$103. per sheet	.95¢ per sheet	.89¢ per sheet

## 7mil Super-OP

Now we are getting into the thicker stuff. Super-OP is considered semi-rigid and very opaque. This thickness is used for most of the pre-perforated tags we offer. You would definitely need to make sure your copier can take 150 gm<sup>2</sup>. We can help identify your copier's maximum thickness if needed.

Thickness	7.7 mil
Equivalent	100lb Tag
Whiteness	94.28 (WE)
Opacity	99%
Coated Sides	2 sides
Surface Finish	Matte

SIZE	Pack Quantity	1 Value Pack	2-9 Value Pack	10+ Value Pack
8.5" x 11"	1000 sheets	.61¢ per sheet	.56¢ per sheet	.52¢ per sheet
8.5" x 14"	1000 sheets	.77¢ per sheet	.71¢ per sheet	.66¢ per sheet
11" x 17"	1000 sheets	1.22¢ per sheet	1.12¢ per sheet	1.04¢ per sheet
12" x 18"	1000 sheets	1.38¢ per sheet	1.27¢ per sheet	1.18¢ per sheet

## 10mil Super-Tuff

Our 2nd most popular thickness, this exceptionally thick 10 mil material is as thick as most of today's production copiers can feed. At this thickness (250 gm<sup>2</sup>), image quality may suffer without special copier settings. Super-Tuff is widely used for producing menus and plant stakes.

Thickness	10.7 mil
Equivalent	80lb Cover
Whiteness	95.97 (WE)
Opacity	99%
Coated Sides	2 sides
Surface Finish	Matte

SIZE	Pack Quantity	1 Value Pack	2-9 Value Pack	10+ Value Pack
8.5" x 11"	1000 sheets	.92¢ per sheet	.85¢ per sheet	.79¢ per sheet
8.5" x 14"	1000 sheets	1.17¢ per sheet	1.08¢ per sheet	1.00¢ per sheet
11" x 17"	1000 sheets	1.84¢ per sheet	1.70¢ per sheet	1.58¢ per sheet
12" x 18"	1000 sheets	2.08¢ per sheet	1.92¢ per sheet	1.79¢ per sheet

*The prices shown are for completed laser cut sheets. Minimum order is 1000 sheets per size, thickness and design layout. Further details on back of leaflet.*



## Blank Sheets: Are you paying too much for your Waterproof Synthetic Paper?

Let MitM save you some money! If you're using the following brands you're spending more than you need to.

Revlar, Xerox, Nekoosa, Appleton, Mohawk.....you get the idea!

We have all the popular thicknesses and sizes, readily available or we can convert to your specific requirements.

Save as much as 25-50% of the big name brands.

You have nothing to lose except those huge invoices from the other guys.



See our Synthetic Paper Catalogs at: [mtmimagingsupplies.com](http://mtmimagingsupplies.com)

1-800-704-4647

## Custom Laser Die-Cut Pricing.

The prices shown are for completed laser cut sheets.

Minimum order is 1000 sheets per size, thickness and design layout.

Price does not include set-up charge and delivery.

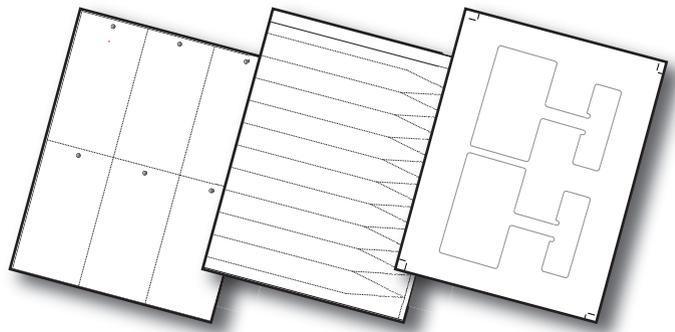
There will be a \$250 1st time set-up cost for converting artwork and setting up the laser. There after the set-up cost will be a \$50 re-run fee for material loading and conversion.

Our in-house design team can help you get the most impact from the laser processes available. We can also work to briefs, designing from scratch and working closely with you to ensure each decision says exactly what you want.

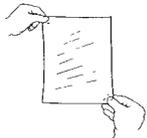
Laser cutting technology is unique in that the level of detail in a particular design has no effect on the cost. The cost is determined primarily by the linear feet throughput not the detail or intricacy. A thousand holes on a sheet will cost the same as one hole. Stock weight and density are also factors. Thin stocks cut faster than thick stocks because there is less material being vaporized. This has been taken into account in our pricing.

Of course there may be some additional costs associated with your particular project, so it's important to contact us early in the design process for price confirmation. Some additional charges may be incurred such as a rush fee, additional art time, special set-ups, a short sample run or last minute changes in the art or format.

We will be able to help you find the most cost-effective layout for your laser cutting and perhaps give you some tips that will save you production costs in other areas too.



## INSTRUCTIONS FOR IMAGING



**Handling:** In order to properly accept toners, the material's surface must be kept receptive. It is important to remember:

Handling should be kept to a minimum. To avoid fingerprints, handle the material by the edges. Finger marks may cause the toner to reject. The film should be kept out of contact with liquids and materials containing water or oil.

**Static:** Static can be a real problem with synthetic media. Always let the film acclimate to the copiers environment for 24 hours. Store and use in normal office environments **(40% - 75% relative humidity)**.

**Fanning:** Always fan the material before loading the copier. This will place air between the sheets, reduce static and assist feeding.

**Imaging:** Toner saturation on electronic originals should be limited to a total of 220% (55% for each color). Higher toner saturation can result in poorly fused prints and damage to the heat roll.

**Printing:** The two side coating on these materials allows them to be placed either way up in the feed tray of the printer.

Refer to copier/printer specifications on paper/media weights prior to use. It is recommended that all materials are pre-tested on the copier to determine their compatibility with the copier.

For optimum toner transfer and fusing the recommended weight setting for DuraWhite is 90gm<sup>2</sup> for Pro-White is 105gm<sup>2</sup> for Super-OP use 160gm<sup>2</sup>, Super-Tuff is 250gm<sup>2</sup> and Mega-Tuff is 308gm<sup>2</sup>.

**Feed:** For best results feed the material short edge first. Place material in the **bypass tray**. Loading/stacking volumes may be limited due to the material's thickness. It is recommended that this material is only fed from the copier's bypass multi-feed tray.

**Duplexing:** Automatic duplexing is not recommended for die cut materials. Two sided (duplex) images can be generated manually by printing side one first and then returning the prints to the bypass in the correct orientation and then printing side two.

**IMPORTANT NOTE:** On copiers that offer the option to flip the sheet on exit, set the copier to have the material exit from the copier image side face up. Failure to do this may cause media to jam.

