

About Embroidered Products

Embroidery has several steps, but starts with a computer CAD drawing or digitizing (hand calculating) the design for several industrial sewing machines to follow a stitch pattern. This pattern is sewn on a bolt of material, usually a washable twill. This bolt will have several hundred patches being produced at the same time and each patch will be cut-out by hand, one at a time. These are further trimmed and readied for an edging application. The edging is applied one at a time by an interlocking weave (merrow) machine or blade cutting to follow an unusual edge and then stitched.

There are several twill colors to choose from, however these along with threading do not match a pantone® or PMS® ink color. Colors are matched as close as possible referring to a pantone®, unless you have access to the many thread and twill charts. Special twill material can include reflective, felt and satin. Unique threading can include metallic, glow-in-the-dark and UV.

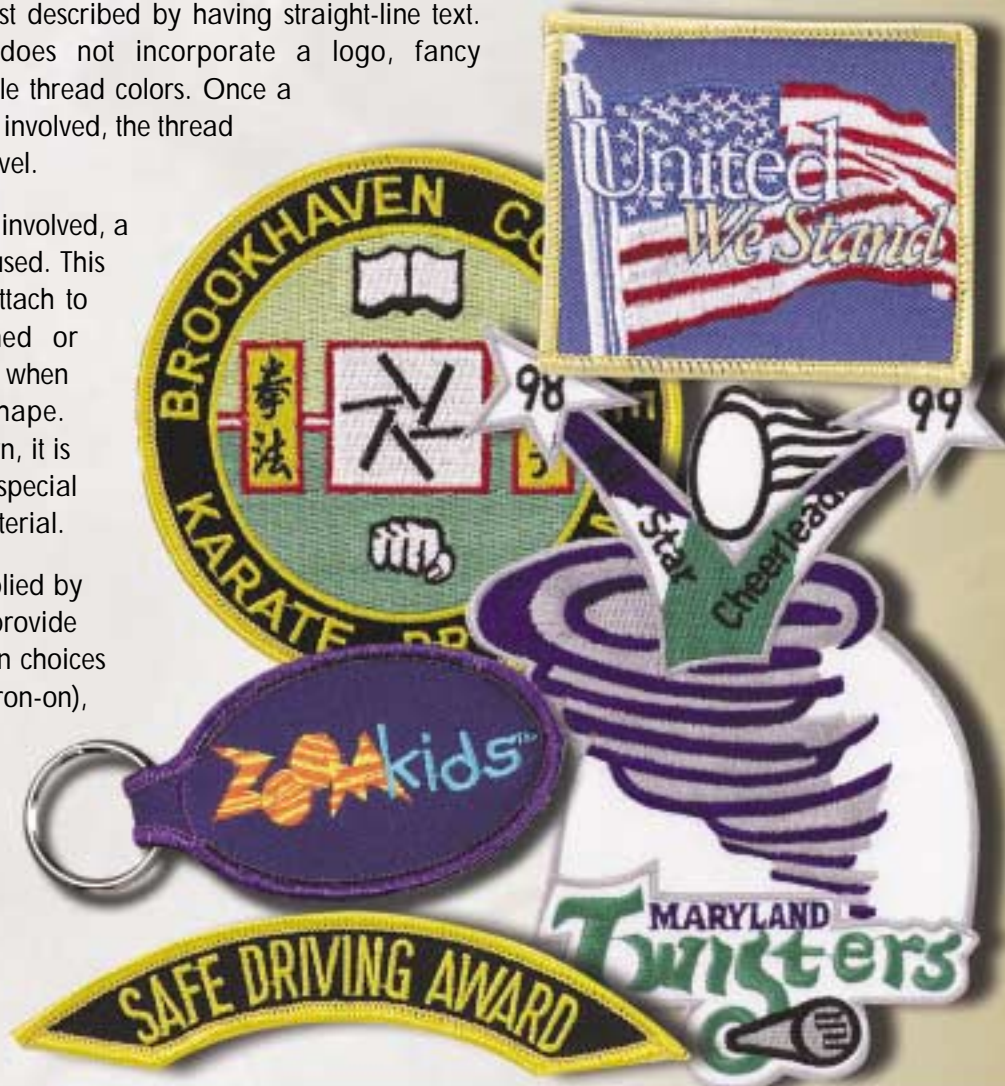
The basic elements of embroidery are the size, thread coverage, edging and backing.

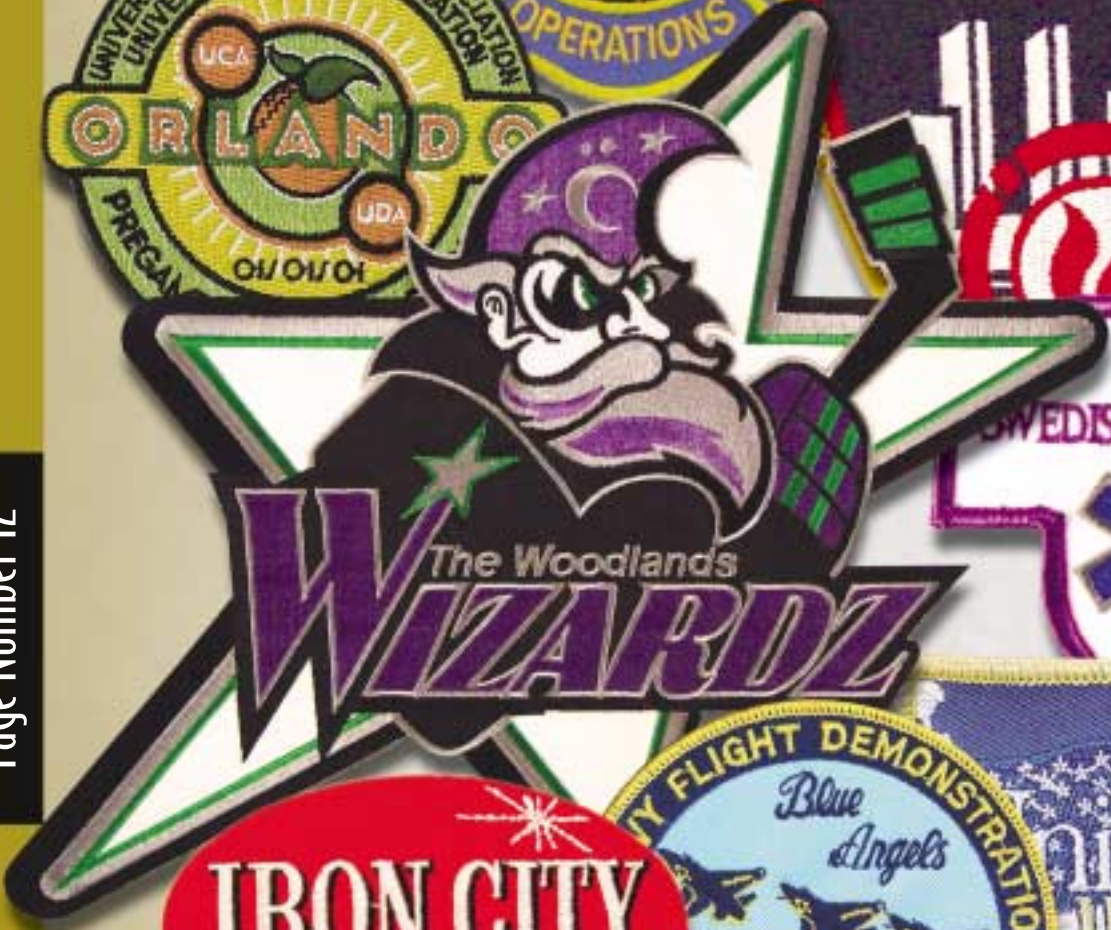
With your patch design facing its intended presentation, its **size** is measured by taking the length plus the width and then dividing by two (Example: $4''+3''=7''$ $7''\div 2=3\ 1/2''$).

Thread coverage refers to the amount of threading that covers the base twill material. Favor-IT Emblems uses a three tier system (50%, 75%, 100%). Obviously, if the twill is completely covered, this is 100% coverage. On the opposite extreme, 50% coverage or less is best described by having straight-line text. This minimum coverage does not incorporate a logo, fancy font/lettering style or multiple thread colors. Once a logo is used or complexity is involved, the thread coverage falls into a 75% level.

When a geometric design is involved, a traditional merrow **edge** is used. This merrow edge is easier to attach to clothing, hats, etc. Stitched or laser-cut edging is applied when following an unusual shape. While this can be sewn-down, it is recommended to have a special backing such as iron-on material.

Since any patch can be applied by sewing, optional **backings** provide the end-user with application choices such as; plastic, heat-seal (iron-on), adhesive (like double-side tape), Velcro® or a safety pin.





Embroidered Patches

Size	Embroidery Coverage	Quantity							
		50	100	200	350	500	1000	2500	5000+
2"	50%	3.74	2.76	1.86	1.56	1.36	0.96	0.76	0.72
	75%	3.96	2.84	1.98	1.60	1.42	1.00	0.82	0.78
	100%	4.18	2.94	2.10	1.66	1.48	1.08	0.90	0.84
2 1/2"	50%	4.18	3.12	2.22	1.62	1.44	1.06	0.86	0.82
	75%	4.40	3.24	2.32	1.68	1.50	1.12	0.94	0.90
	100%	4.64	3.38	2.42	1.76	1.60	1.20	1.04	0.98
3"	50%	4.64	3.50	2.44	2.16	1.74	1.24	1.02	0.98
	75%	4.86	3.60	2.56	2.26	1.82	1.32	1.12	1.08
	100%	5.10	3.72	2.68	2.40	1.92	1.44	1.24	1.20
3 1/2"	50%	5.08	3.82	2.62	2.26	1.96	1.54	1.34	1.28
	75%	5.30	4.40	2.84	2.46	2.10	1.70	1.50	1.44
	100%	5.52	4.68	3.08	2.68	2.28	1.86	1.68	1.64
4"	50%	5.52	3.94	2.92	2.52	2.20	1.78	1.52	1.44
	75%	5.74	4.16	3.20	2.78	2.42	2.00	1.72	1.60
	100%	5.98	4.40	3.50	3.06	2.66	2.24	1.98	1.76
4 1/2"	50%	5.96	4.16	3.34	2.92	2.50	2.04	1.82	1.68
	75%	6.18	4.38	3.66	3.24	2.72	2.28	2.08	1.84
	100%	6.40	4.60	4.00	3.56	2.96	2.52	2.30	2.00

(8p)

We can produce all standard and custom shapes and sizes. Whether you provide new designs or require duplication of an existing patch, embroidered emblems make it a natural for fund raising, achievement awards and souvenir sales for schools, groups or organizations.

Each emblem is made of a washable twill or felt background and includes up to seven colorfast threads (additional colors can be added). Hundreds of thread colors are available as well as metallic gold and silver threading. Add thermoplastic or heat seal backing to reduce shrinkage and increase the emblems durability. Reflective twill, Velcro® and adhesive backings are some creative options.

There are **NO** tape or set-up charges.

For quantities larger than 7500 pieces, please call factory.

MATERIAL: Washable twill. Felt material add 10% to the unit cost. Reflective material add 25%.

BACKING: Thermoplastic, heat seal (iron-on) or adhesive backing add .10(v). Velcro® backing add \$1.00(v). Safety pin add .40(v).

BORDERS: Laser cut or stitched borders add .15(v).

ADDITIONAL COLORS: Add .15(v) for each additional color.

METALLICS: Silver or gold, add 15% to the unit cost.

SIZING: (Length+Width)/2 (Example: 2"+3"=5" 5"÷2=2 1/2").

PRE-PRODUCTION: \$125.00(v) of which 50% is applied to final order.

PRODUCTION TIME: 3-5 weeks from receipt of acceptable art.

Use this convenient ruler to calculate patch sizing



Embroidery Design Elements

Thread Coverage



50%



75%



100%

Border Edging



Merrowed

(Included N/C)



Stitched

Add .15(v)



Laser-Cut Stitched

Add .15(v)

Backing Options

NO BACKING: Sewing required for application.

PLASTIC: Retains shape and reduces shrinkage, sewing required.
Add .10(v).

HEAT SEAL: Retains shape and reduces shrinkage, but includes iron-on material for permanent application. Add .10(v).

VELCRO®: Traditionally used by police, security and military. Base material is sewn-on uniform while second piece is used as backing to emblem. Available colors: Red, Black, White, Green, Brown, Navy Blue and Royal Blue. Add \$1.00(v).

SAFETY PIN: Allows temporary attachment, perfect for country club blazers. Add .40(v).

Embroidered Keytags

Standard



Standard Shape

Our original embroidered keyfob offers your company a long-term exposure for your promotional dollar! Each fob is designed with overlapped stitched borders, split metal key ring, and a soft washable twill background color. Up to seven colorfast threads on each side allow accurate reproduction of your corporate logo and message.

Size	300	500	1000	2500	5000+
2 1/2" x 1 3/4"	2.50	2.00	1.92	1.82	1.68
Embroidery Area: 1 3/4" x 1 3/8"					

(5p)

Laser-Cut Shape

With custom laser edging and stitching, your embroidered keytag comes alive with its own personality and style. Each side can incorporate a message or logo and includes up to seven colorfast threads and a split metal keyring.

SIZING: (Length + Width) ÷ 2 of the finished piece.

Size	500	750	1000	2500	5000	7500+
2"	2.12	1.98	1.80	1.72	1.58	
2 1/4"	2.26	2.12	1.94	1.84	1.72	Call
2 1/2"	2.40	2.26	2.10	1.98	1.84	Factory
2 3/4"	2.68	2.52	2.28	2.16	2.02	
3"	3.00	2.78	2.54	2.36	2.22	

(5p)

Laser-Cut



Custom Shape

With custom shapes and sizes, your embroidered keytag can match your company logo or creative desire. Please call factory for pricing.

MATERIAL: Washable twill.

ADDITIONAL COLORS: Add .15(v) for each additional color.

METALLICS: Silver or gold, add 15% to the unit cost.

PRE-PRODUCTION: \$60.00(v) of which 50% will be applied to final order.

PRODUCTION TIME: 3-5 weeks from receipt of acceptable art.

For quantities larger than 7500 pieces, please call factory. There are NO tape or set-up charges.

Custom



Stock, Appliqués & Screen Printed Patches

Stock American Flag Patch

This faithful and trustworthy symbol is a stocked commodity. For uniforms and jackets, these are ready for delivery with heat seal backing. Size: 2" x 3 1/2"

Item	12-50	51-199	200+
GAF-1	2.50	1.80	1.50 (3p)



Appliqués

These miniaturized patches are traditionally called appliqués. Each appliqué is 100% embroidered with non permanent and non staining adhesive backing and laser-cut edging. Presented on perforated white stock cards or sheets, these are outstanding for conventions, trade shows and corporate gatherings where immediate appreciation is significant.

TAPE CHARGES: None.

COLORS: Includes up to 7 colorfast thread colors. Metallic gold or silver threads add 15%.

PACKAGING: On perforated sheets. Bulk packed in polybags. Rolls are available (call factory).

IMPRINTED CARDS: Cards can be imprinted with a special message. 1 color imprint add .30(v).

SIZING: Longest length.

PRE-PRODUCTION: \$60.00(v) of which 50% will be applied to final order.

PRODUCTION TIME: 3-5 weeks.

Size	1000	2500	5000	10000
3/4"	.68	.54	.44	.40
7/8"	.72	.56	.46	.42
1"	.76	.58	.48	.44
1 1/8"	.80	.60	.50	.46
1 1/4"	.84	.62	.52	.48 (4p)



Stock American Flag
Item: AAH-1
400 Pieces per pack
.44 each piece (p)



Screen Printed Patches

The size, shape, border and backing choices are the same as traditional embroidered patches, but the image will be created by silk screen printing with PMS® spot colors.

PRICING: Use embroidery patch pricing on page 13.

SCREENS: \$50.00(v) per color.

PRE-PRODUCTION: \$50.00(v) plus screen charges.

PRODUCTION TIME: 3-5 weeks.

