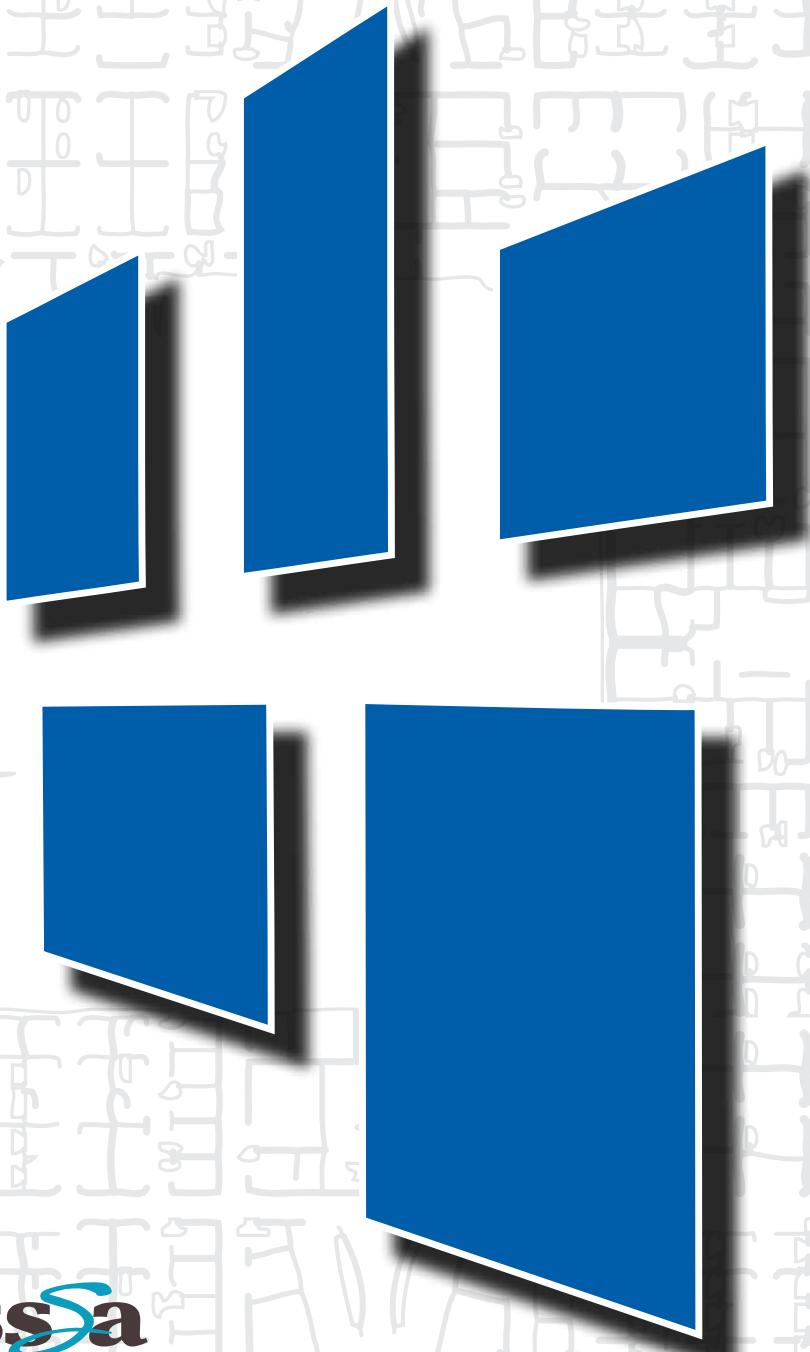


# Graphic Components

Wholesale ADA and Interior Signage



Share. Learn. Grow.

[www.graphiccomponents.com](http://www.graphiccomponents.com)

**336-542-2128**



# Graphic Components

Your Wholesale-Only ADA Compliant Interior Sign Provider

**As a team at Graphic Components**, we pride ourselves on our high level of quality, customer service, and quick turnaround. We are strictly a wholesale company, and consider ourselves your PARTNER, not your competitor. As a company, we are driven to offer superior customer service, being mindful of the turnaround time you need, and staying cost conscious.

**Our niche**, is CUSTOM ADA compliant architectural interior signage. We love to manufacture products that are built to match your client's brand, environment, or architectural specifications. With our laser cut precision, custom painting capabilities, equipment, innovative technology, and the experience of our team, the possibilities are endless to customize the signage you can offer.

**We don't stop there.** Along with your ADA signage packages, we can also offer wayfinding solutions, directories, and flat cut lettering. We already have the equipment and we're already painting your custom orders. You can have the confidence to know your entire project will match and be delivered with the quality and care that we provide.

**We know compliancy.** ADA compliant signs are a tough item to start selling with all the rules and regulations. Let us be the experts and your knowledge source for any ADA questions, and we'll help make your orders easy. Once you complete your first order you'll see just how easy it is to sell ADA signs, knowing that you have a partner to help.

**Add new revenue** to your business. Many of our customers, even some of the largest sign companies in the nation, only produced ADA signs when their customers demanded it. However, after seeing our quality, customer service, and turnaround time, they now OFFER it to their customers instead. Consider our signs another item to add to your arsenal of products that you feel confident selling. ***Call or email us today for a quote on interior ADA signage.***

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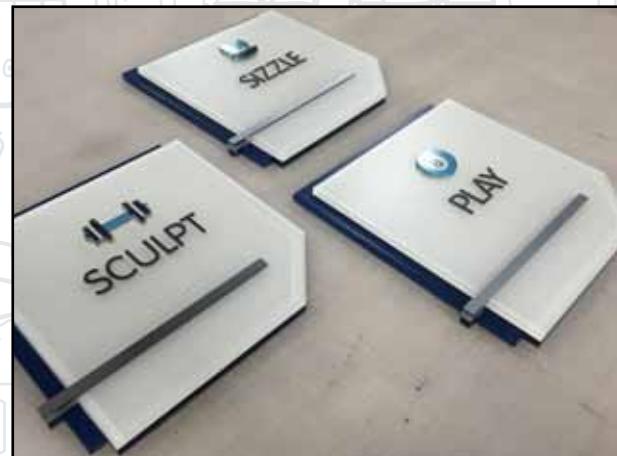
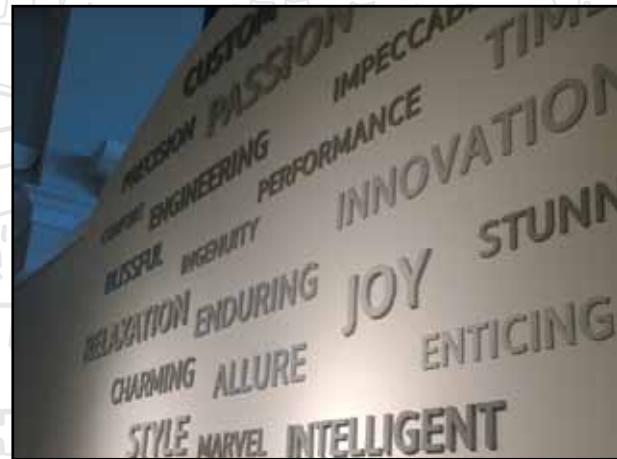
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# Custom Products

**Our custom signage** is the best choice for matching to a branding standard or architectural specification. We offer three main production techniques, plus our other equipment for accents and details give you endless options.

**Acrylic with Appliqué signs** are made by layering materials. They are simple, fast to make, and a cost effective solution for ADA signage. We use our laser precision to ensure accuracy and alignment of the raised text and graphics, while the Braille is inserted on a router. They are also a cost effective customized solution.

**Photopolymer signs** are the option for vandal resistance, and known for durability and its tamper proof nature. Think of these signs for areas with heavy public walking traffic, heavy concentration of children, and for containment facilities.

**Color Fusion PLUS signs** are the most full color and customizable signage out there. Think of them for incorporating logos, multi-color text, patterns, and full color background choices. It's photo quality, and can also be laser cut to custom shapes!

**Multimedia Signs** are made by combining pieces of any of the processes above to deliver an elegant product with dimension and layers.

**Wayfinding and Directories** can be made using the same processes above, but are typically on a larger scale. Their text does not have to be raised for ADA compliance, so often times the text is vinyl or direct digitally printed.

**Dimensional Lettering** can be made using our laser or CNC router! There's plenty of custom solutions for these products too, such as material, font, paint color, and mounting techniques.

**All of these** can be enhanced with our additional capabilities such as laser etching, screen printing, hot stamping, custom painting, custom color matching, routing, beveling, vinyl graphics, digitally printed vinyl, layering, heat bending, and more!

# Acrylic with Appliqué Signs

Acrylic with Appliqué signs are the most common interior signs out on the market today. They are simple, fast to make, and a cost effective solution to basic interior signs.

**Identification:** A quick way to identify an Acrylic Sign with Appliqué is by looking at the raised type and braille of the sign you are identifying. First, ensure it is an Appliqué method. All Appliqué methods will be able to be removed from the face plate of the sign itself. If you can pick the lettering off, then this is your production method. Nine times out of ten, the edges of the raised lettering will be the same color as the face of the raised lettering, where this is not usually the case for other methods. Acrylic will also be very smooth across the face plate of the sign, whereas other materials will have much more of a textured look.



**Production:** Acrylic is supplied in several varieties, such as clear, non-glare, white, black, and frosted. All of these varieties are precision laser cut to ensure the smoothest of edges. Apart from Non-Glare and the frosted varieties, these must be painted with a satin or matte paint to reduce the glare for ADA compliancy. The material can be painted on the surface (front), or the subsurface (back). Surface painting shows the true flat color and includes the edges being painted, but is more susceptible to scratching. Subsurface is a more protective way of painting, and looking through a Non-Glare or Frosted Acrylic can be a neat dimensional look, which many opaque materials can not offer! However, the edges are not usually painted. After being painted, an "Appliqué" or applied graphics are added to the face, and precision cut to the letters/pictograms needed. The sign also goes through an engraving process, in which holes are drilled, and Braille "Raster Beads" are inserted. If the sign is surface painted, the beads are typically inserted before painting, and get painted the same color as the face plate. If the sign is subsurface painted, the beads will be inserted after painting, and will be clear to show the color beneath.

**Advantages:** Acrylic with Appliqué is the fastest and most cost effective way to produce ADA interior signage. It offers many easy-to-produce "add-ons" keeping customizing costs low. You can even have radius corners at no extra cost!

**Disadvantages:** Because the Appliqué is not actually part of the sign itself, it can be picked off. This means that you may want to consider opting against an Appliqué method in an environment where the signs may be around the youth or behavior centers.

**Add-ons:** VHB Tape for Mounting, Holes Drilled/Countersunk for Mounting, Radius Corners, Beveled Edges, Accent Bars, Back Plates, Cubicle Hangers, Window Areas for Paper Inserts, Conference Sliders, Screen Printed Logos, Wood Laminates, Metal Laminates, Inserted in Frames, and many more!

# *Acrylic with Appliqué (cont.)*



# Photopolymer Signs

Photopolymer Signs are made by a solid one piece construction technique that is requested due to its durability and tamper proof nature.

**Identification:** Interior Photopolymer Signs are truly a one piece construction. They can easily be identified by ensuring that the raised lettering is physically attached (not laminated) to the face plate. The edges of the raised lettering will be the same color as the face plate, and only the face of the raised lettering will be a separate color.



**Production:** The Photopolymer process utilizes a polymer material that is light sensitive. It is supplied as a clear blank slate. Negatives are printed off with the lettering, pictograms and Braille left clear. The material is exposed with the negatives on top, curing the clear areas of the raised graphics. It then goes through a cleaning process, which washes away all non exposed areas, leaving the text, Braille, and pictograms raised. After being cleansed, the entire sign is exposed again, curing the entire sign. It is then surface painted (with the edges painted). After being painted, it goes through a screen printing process called "tipping" or "hot stamping" where just the tips of the raised areas are "tipped" a separate color. Finally, the sign is often matte clear coated, ensuring that the screened area has a non-glare finish, as well as providing an extra layer of protection to the sign and paint.

**Advantages:** Photopolymer signs are very durable with even the Braille being a physical part of the face plate. They are great for school systems, jails, and any other area they may be subject to tampering. If you're looking for durability, this is your best choice.

**Disadvantages:** The photopolymer process is a lengthy process, which makes these signs both difficult to produce in a limited time frame, as well as making them a more costly interior solution.

**Add-ons:** VHB Tape for mounting, Holes Drilled/Countersunk for Mounting, Radius Corners, Beveled Edges, Accent Bars, Back Plates, Cubicle Hangers, Window Areas for Paper Inserts, Conference Sliders, Wood Laminates, Metal Laminates, Inserted in Frames, and many more!



# Photopolymer Signs (cont.)



# color FUSION+ Signs

Color Fusion PLUS Signs utilize a unique process that will produce signs that stand out, and is great for full color graphics and logos on any material choice.

**Identification:** Color Fusion PLUS is a unique process most easily identified by the use of a digital print on the surface or subsurface of one or all of your sign plates. This is a different process than screen printed colors, as screen printed colors cannot utilize gradients, patterns, and easily variable prints. The entire face, or just certain areas could have the digital print. Although text can be featured in the Color Fusion PLUS Process, the signs that are needed to be ADA Compliant will still have the raised Appliqué or Photopolymer text, which can be identified using the "Acrylic with Appliqué" or "Photopolymer" Guide.



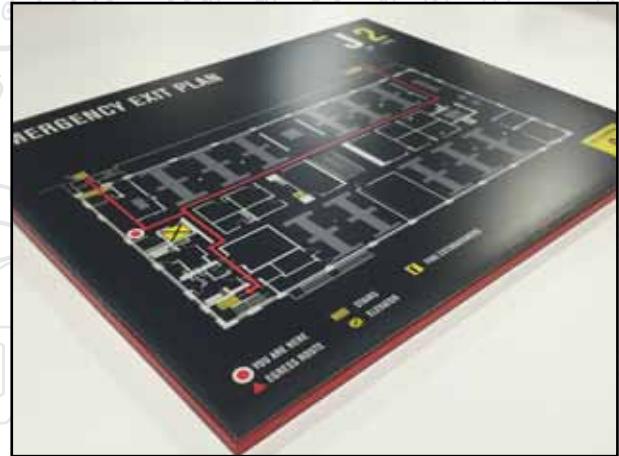
**Production:** The ADA portion of the Color Fusion PLUS process is created similar to the Acrylic with Appliqué or Photopolymer processes. However, instead of a painted background, the background is created by utilizing a high resolution direct to substrate flatbed printer with incredible adhesion, quality, and color. The substrate possibilities are infinite, but the most commonly used is Non-Glare Acrylic for most ADA Signage needs. The digital print is applied to the face or back of the substrate, and will appear clean and crisp. After going through the Color Fusion PLUS Process, an "Appliqué" or applied graphics are added to the face, and precision cut to the letters or pictograms needed. The sign also goes through an engraving process, in which holes are drilled, and Braille "Raster Beads" are inserted. The beads will be clear and show the color of the digital print beneath. If the Photopolymer process is preferred, the process would typically come after the signs are painted, but before they are tipped.

**Advantages:** Color Fusion PLUS is a great way to offer customized looks without a huge cost increase. The production method is speedy, and is a process not all in the signage industry can offer, especially with the quality and adhesion that Color Fusion PLUS offers. It also has many easy-to-produce "add-ons" keeping customizing costs low. Since the acrylic is precision laser cut, it can offer custom shapes and sizes that can work together with your digital prints to offer a truly unique product!

**Disadvantages:** Color Fusion PLUS typically increases the cost compared to a solid painted background, but the perceived value is much greater, enabling you to increase your markup if desired. For ADA disadvantages, see the individual ADA Guides for the "Acrylic with Applique" or "Photopolymer" processes.

**Add-ons:** VHB Tape for mounting, Holes Drilled/Countersunk for Mounting, Radius Corners, Beveled Edges, Accent Bars, Back Plates, Cubicle Hangers, Window Areas for Paper Inserts, Conference Sliders, Wood Laminates, Metal Laminates, Inserted in Frames, and many more!

# color FUSION+ Signs (cont.)



# Lobby Signage & Flat Cut Letters

**Custom Lobby Signs** have never been so simple! Whether you're looking for flat cut letters mounted directly to the wall, or letters and logos mounted to acrylic panels, we can custom create them to make a big impression. By utilizing our laser technology, CNC routing, painting, and direct digital printing, the possibilities are endless. Offer more lobby signage options with brushed metal laminates, wood laminates, or printed patterns to deliver the truly unique sign that your customer has been looking for.



**Flat Cut Letters:** Whether you're wanting the letters stand alone, or mounted to a panel, acrylic is the preferred material for flat cut letters. It is readily available in thicknesses of 1/16", 1/8", 1/4", 3/8", 1/2", 3/4" and 1" in black, white, digitally printed, or any painted color. PVC, Aluminum or HDU letters are also available in similar thicknesses if it's a better fit for your custom signage. PVC letters are lighter than acrylic letters, but cannot be laser cut, and the edge quality is low compared to acrylic. Aluminum letters can be painted or brushed, but can be achieved by using a metal laminate on the face of acrylic if silver, gold, copper, or brass finishes are desired. HDU letters are great for thicker applications. We seal in HDU with a special primer to minimize pores, but it will still have a foam-like texture. We can provide the letters attached to a face, or stand alone with a pattern and VHB tape or studs for mounting.

**Backer Panels:** Letters are often mounted to panels and attached to the wall with standoffs in many lobby signage needs. Acrylic is the most common substrate for these panels, and is available in thicknesses of 1/8", 1/4", 3/8" and 1/2" with faces in Clear, P95 Frosted, Non-Glare, Black, White, or painted colors. Think of adding subsurface elements, plotter cut vinyl, digital printing, or multiple layers for additional depth and dynamics. We have a wide variety of commonly available standoffs for mounting these backer panels, and a pattern is included for mounting.

Although we can custom produce orders to the exact size you need, there are optimal sizes for acrylic backer panels due to sheet size restrictions to make sure your edge is consistent on all sides. Take a look at the chart below to see if one of these optimal sizes will work for your customer first!

Height	Width
23"	47"
23"	59"
23"	71"
23"	83"
23"	95"

Height	Width
29"	47"
29"	59"
29"	71"
29"	83"
29"	95"

Height	Width
35"	47"
35"	59"
35"	71"
35"	83"
35"	95"

Height	Width
47"	47"
47"	59"
47"	71"
47"	83"
47"	95"

# Lobby Signage (cont.)



# ADA Lenses

ADA Lenses can be custom made to fit any curved or flat frame system, with the most common being Signet, Vista, JRS, and SignPro architectural frame systems. We can supply the frame system of your choice, or supply lenses only!

**Identification:** These modular frame systems are often used in office buildings, as the tenant logos or information can be easily updated by removing the lens and changing out a paper insert. If you were to remove the lens, you should find a very thin (between .040" and .060") clear material that is a tight fit into channels inside the frames. Raised text is typically seen as Applique (see the Acrylic with Applique page for identification), but the entire lens can also be made using our Photopolymer method as well!



**Production:** Our standard lens material is made from a clear modified acrylic that has a matte finish on one side for ADA compliancy. The lens material is more flexible than standard acrylic, and will bend to fit into frames, even if they have a tight radius. The material also allows for precision laser cutting to ensure the smoothest of edges. The material is also available in standard colors, or can be subsurface painted to the color of your preference!

After being cut, "Appliquéd" or applied graphics are added to the face, which are precision cut to the letters/pictograms needed. The lens also goes through an engraving process, in which holes are drilled, and Braille "Raster Beads" are inserted.

If logos or changable text is required, paper inserts can be provided with the lenses that would be digitally printed to your specifications. This can be used to incorporate tenant information, company logos, or directionals into the signage!

**Advantages:** Lenses themselves are economical, and both the insert or entire lens can be replaced with future building changes.

**Disadvantages:** The frames are typically a larger upfront investment, but provide a sleek design with a radius face. The same disadvantages of the raised text production method still apply, so check those sheets for other disadvantages of the text itself.

**Add-ons:** Conference Sliders, Printed inserts, Wood Laminates, Metal Laminates, and many more!

# SIGNET®

## S I G N S Y S T E M

Although we can provide frames from many suppliers, we have a relationship with Signet to offer a sleek frame system at a great price point to our customers! See the information below, or on the Signet website, and request pricing from us to save on your framing needs.

**Signet** offers easily customizable frame systems that range from their sleek SLIM series frames that are very low profile at only 7/32" thick to their curved CONVEXA frame system with a radiused face, with everything offered in between. Although it is a modular system, it can be highly customized by cutting the extrusion to the length needed, and combining parts onto a single sign to achieve the areas required for your custom project!



Their revolutionary flat frame systems feature a double sided extrusion, one side having a flat face, while the other has a railed face. The flat side is perfect for applying graphics directly to, which makes it a great fit for ADA signs with raised text and Braille, or directional signs with vinyl or printed text. The railed side is perfect for removable inserts, which makes it great for ADA lens inserts, paper inserts, or printed directional inserts!

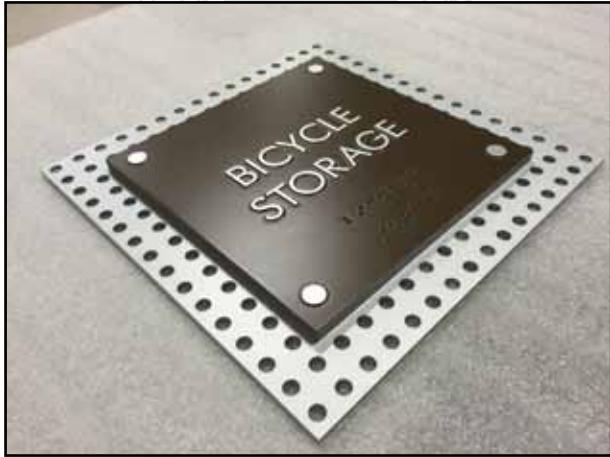
Their curved frame system is a comparable system to many other curved systems on the market, but at a very competitive price point. Sizes are comparable as well, but can easily be cut down to the length of your choice.

Think of Signet for the following applications, but their uses are only limited by your imagination:

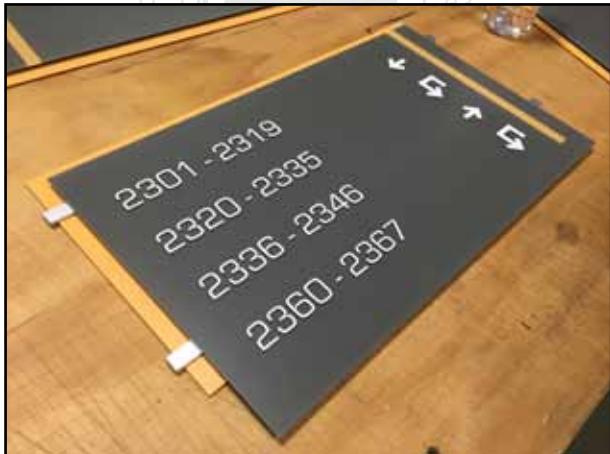
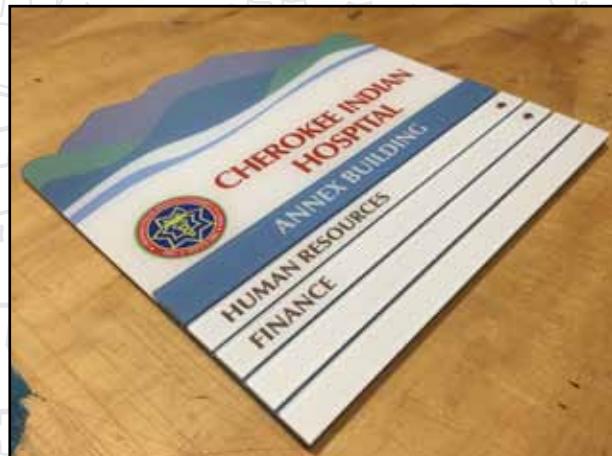
- ADA signs
- Room/Office signs
- Elevator signs
- Restroom signs
- Stair Signs
- Window Signs
- Slider Signs
- Directories
- Flag/Hanging signs
- Public notices
- Memos
- Desk signs



# Multimedia Signage



# Wayfinding & Directories



# Template Products

**Our template products** were created with our customers in mind. If you have a need for temporary signage, a VERY quick turnaround time, or are looking to keep your costs low and still have a sharp looking product with color choices, then look no more! Choose the series you want based on design, your font, text and background colors, provide the text you want on each sign, and we're ready to start outputting your signs. We offer all of our template products in Acrylic with Appliqué and the following choices:

## Raised Text Font:

ARIAL

ABCDEFGHIJKLM NOPQRSTUVWXYZ  
1234567890

FUTURA

ABCDEFGHIJKLM NOPQRSTUVWXYZ  
1234567890

HELVETICA

ABCDEFGHIJKLM NOPQRSTUVWXYZ  
1234567890

MYRIAD PRO

ABCDEFGHIJKLM NOPQRSTUVWXYZ  
1234567890

## Raised Text Color:

204

201

305

301

307

803

401

Bright White

White

Light Grey

Grey

Charcoal Grey

Dark Brown

Black

801

218

901

701

601

501

502

Antique Ivory

Sandalwood

Bright Green

Yellow

Red

Blue

Marine Blue

## Background Color:

Black

White

Cool Gray  
10C

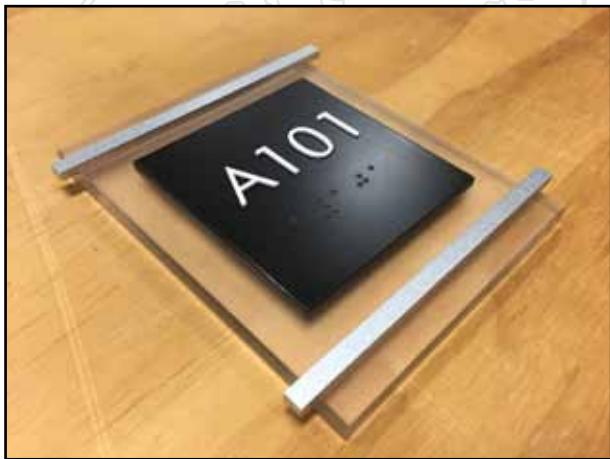
PMS  
Reflex Blue

PMS  
185C

PMS  
348C

PMS  
4625C

# *Template Products (cont.)*



# Basic Series

**The Basic Series** is the perfect solution for solving your ADA needs with a cost effective quick turnaround product. They're constructed with a single base layer, plus the raised text and graphics.



## B1 - Basic 1 Line Pictogram Sign - 8" H x 6" W

Use for restrooms, stairs, baby care, elevator, etc. Limit 10 Characters (including spaces).



G1



G2



G3



G4



G5



G6



G7



G8

# Basic Series (cont.)

147

**B2 - Basic Room Number ID** - 3" H x 3" W

Use for room number or letter identification  
Limit 5 Characters

HOUSEKEEPING

**B3 - Basic 1 Line Room ID** - 3" H x 8.5" W

Use for 1 Line Room Identification  
Limit 15 Characters (including spaces)

IT TECH  
CLOSET

**B4 - Basic 2 Line Room ID** - 4" H x 8.5" W

Use for 2 Line Room Identification  
Limit 15 Characters Per Line (including spaces)

ELEVATOR  
EQUIPMENT  
ROOM

**B5 - Basic 3 Line Room ID** - 5" H x 8.5" W

Use for 3 Line Room Identification  
Limit 15 Characters Per Line (including spaces)



IN CASE OF  
FIRE USE  
THE STAIRS

**B6 - Basic Multiline Pictogram Sign** -

10" H x 6" W

Use for 2 or 3 Line Pictogram Signs

Limit 10 Characters Per Line (including spaces)

OFFICE

**B7 - Basic Window ID**

6" H x 6" W

Use for office number or  
letter identification

Limit 10 Characters (inc. spaces)  
Insert size 2" x 6"



G9



G10



G11



G12



G13



G14



G15



G16



G17

# Standard Series

**The Standard Series** provides a more custom, modern look without much added cost. They're constructed with a frosted back plate layer laminated to the face plate, plus the raised text and graphics.



## S1 - Standard 1 Line Pictogram Sign - 9" H x 7" W

Use for restrooms, stairs, baby care, elevator, etc. Limit 10 Characters (including spaces).



G1



G2



G3



G4



G5



G6



G7



G8

# Standard Series (cont.)



## S2 - Standard Room Number ID - 4" H x 4" W

Use for room number or letter identification

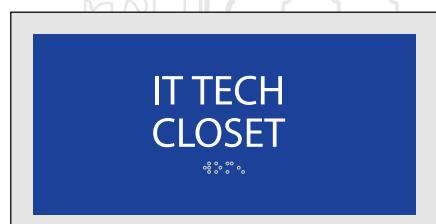
Limit 5 Characters



## S3 - Standard 1 Line Room ID - 4" H x 9.5" W

Use for 1 Line Room Identification

Limit 15 Characters (including spaces)



## S4 - Standard 2 Line Room ID - 5" H x 9.5" W

Use for 2 Line Room Identification

Limit 15 Characters Per Line (including spaces)



## S5 - Standard 3 Line Room ID - 6" H x 9.5" W

Use for 3 Line Room Identification

Limit 15 Characters Per Line (including spaces)



## S6 - Standard Multiline Pictogram Sign -

11" H x 7" W • Use for 2 or 3 Line Pictogram Signs

Limit 10 Characters Per Line (including spaces)



## S7 - Standard Window ID

7" H x 7" W

Use for office number or letter identification

Limit 10 Characters (inc. spaces)

Insert size 2" x 6"



G9



G10



G11



G12



G13



G14



G15



G16



G17

# Premier Series

The Premier Series offers an elegant look to give your signage a custom built look. They're constructed with a frosted back plate layer laminated to the face plate, plus the raised text and graphics. The acrylic accents are added to the back plate for a sharp look.



## P1 - Premier 1 Line Pictogram Sign - 9.5" H x 7.5" W

Use for restrooms, stairs, baby care, elevator, etc. Limit 10 Characters (including spaces).



G1



G2



G3



G4



G5



G6

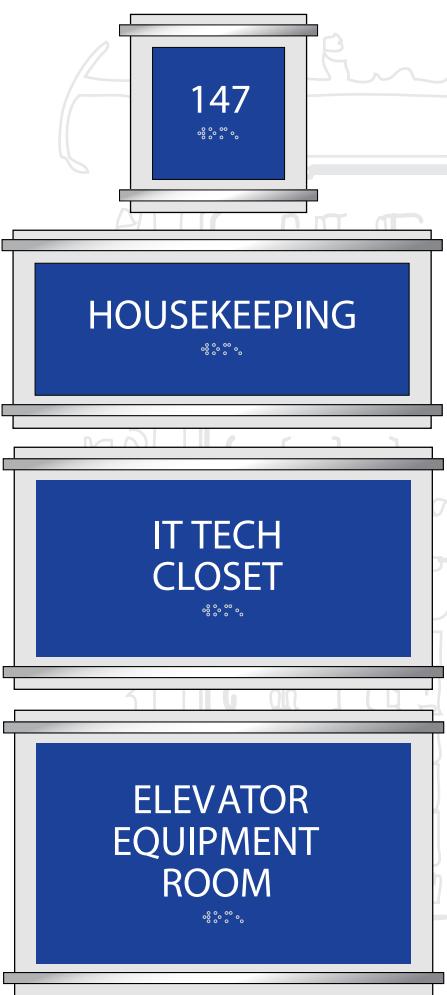


G7



G8

# Premier Series (cont.)



**P2 - Premier Room Number ID** - 4.5" H x 4.5" W

Use for room number or letter identification  
Limit 5 Characters

**P3 - Premier 1 Line Room ID** - 4.5" H x 10" W

Use for 1 Line Room Identification  
Limit 15 Characters (including spaces)

**P4 - Premier 2 Line Room ID** - 5.5" H x 10" W

Use for 2 Line Room Identification  
Limit 15 Characters Per Line (including spaces)

**P5 - Premier 3 Line Room ID** - 6.5" H x 10" W

Use for 3 Line Room Identification  
Limit 15 Characters Per Line (including spaces)

**P6 - Premier Multiline Pictogram Sign** -

11.5" H x 7.5" W • Use for 2 or 3 Line Pictogram Signs  
Limit 10 Characters Per Line (including spaces)



**P7 - Premier Window ID**

7.5" H x 7.5" W  
Use for office number or letter identification  
Limit 10 Characters (inc. spaces)  
Insert size 2" x 6"



G9



G10



G11



G12



G13



G14



G15



G16



G17

# ADA Signage Tips

**Pick the best manufacturing technique for the area.** If the signage is going in an area that is likely to be vandalized, you may want to go with a more durable option for the raised text and Braille. Photopolymer is a better option in schools, hotels, and detention facilities, as it has a solid, one piece construction. Appliqué is great for all other signage needs, and can be more easily replaced if the room changes its function often.

**Use the correct graphics type based on the needs of the sign.** Similar to the sign construction, the surrounding or the need for changes can affect what type of non-raised text you want on your signs. Text can be treated as vinyl, screen printed, or digitally printed. Screen printed and digitally printed text is more durable, but cannot be changed. Vinyl copy is great for text that will be changed in the future, but is also more easily tampered with. Always remember that putting these same production methods subsurface will help protect the text for longer. Also, don't forget that window signs are an option for changeable copy as well!

**Utilize window signs.** Window type signs are made by sandwiching layers of acrylic together. The top face plate will have an area that allows users to see through to an insert put in the center of the sign. There is a spacer in the middle that allows paper to enter from one direction, but holds it in the correct spot for viewing through the window area. Finally, a back plate is placed on the back to sandwich the insert in place. For ADA compliancy, the room could be marked with a name or number, and the changeable copy be on the insert. A good example would be an office type sign. Although the ADA compliant text "OFFICE" will never change, the sign can remain on the wall, and the user can change out the insert to put a new employee name into place.

**Mounting methods can make all the difference.** Selecting the correct mounting method can reduce the costs of installation, or provide you with the durability you need. For quick installation, an aggressive vinyl tape, such as 3M's VHB (very high bond) is a perfect sign mounting method in conjunction with silicone. For durability, consider screw or stud mounting the signs onto the wall. For uneven wall surfaces, shim plates may be necessary to level out signage.

**You have a team on your side.** We've provided the following pages of ADA regulatory information, but it doesn't stop there. Give us a call with any ADA questions or concerns.

# ADA FAQ

**What is the ADA?** The Americans with Disabilities Act is a law implemented to protect the civil rights of the disabled. As it relates to signage, it is to mandate standards to ensure ease of readability by regulating the type style, character size, color contrast, Braille, and sign location. It is not just for the blind, but for all those who are the visually impaired.

**What businesses are required to have ADA compliant signage?** According to ADA.gov, "Private businesses that provide goods or services to the public...Including stores and shops, restaurants and bars, service establishments, theaters, hotels, recreation facilities, private museums and schools and others. Nearly all types of private businesses that serve the public are included...regardless of size." However, ADA regulations are also helpful to provide for employees as to not discriminate against visual impairments.

**Do all signs need to be ADA compliant?** Many signs are exempt from ADA regulations, including directories, company names and logos, occupant names, and temporary signs (used for 7 days or less). ADA compliant does not always mean raised text and Braille. Wayfinding, overhead, or flag mounted signs do not need to have raised text and Braille, but are still required to comply with text height and font regulations.

**What signs do need to be ADA compliant?** A good rule to follow is for any permanent room or space to have an ADA compliant sign providing identification.

**Do cubicle signs need to be ADA compliant?** This is a topic of conversation, as cubicles could be considered movable furniture or temporary spaces. However, since temporary is defined as "in use 7 days or less", most cubicle spaces would not meet this definition. We recommend providing an ADA compliant identification signs, and just an alphanumeric code will suffice.

**Who has the final say on ADA compliancy?** The Department of Justice is the final say, but rarely gets involved. It is best to contact a local inspector for questionable, borderline, or instances that require going against compliancy for approval.

**What are the most important regulations regarding the rules of ADA signage?** Please see our ADA Artwork Cheat Sheet on the next page for the key points of the ADA regulations regarding signage.

# ADA Artwork Cheat Sheet

This “cheat sheet” goes over some of the key points to note for ADA compliancy.

**Regulated Signs:** Permanent Rooms including room identifying signs, exit signs, and restroom signs must have raised, all capitalized text, and Braille. Not all signs need to have all elements of ADA compliancy. Directional and Informational signs do not need to have raised text, all capitalized letters, and do not require Braille. Temporary signs do not need to be ADA compliant if they are up for less than 7 days. (See Ex.1)

**Fonts:** A general rule to start off with is the font you select may not have serifs, may not be too bold, or may not be too thin/light. The raised text must be in all capital letters. A few examples are Arial Regular, Futura Book, Futura Medium, Gill Sans, Helvetica Regular, Myriad Regular, Optima Regular, Trade Gothic Regular, Univers 55, and Verdana Regular. We can help you determine if another font you would like to use is compliant. (See Ex.2)

**Colors and Contrast:** When selecting the text and background colors, the main concern is selecting colors with a significant contrast. Make sure there is a clear contrast definition by selecting light letters and graphics on a dark background, or vice versa. The recommended contrast ratio of 70%, determined by the light reflection values. (Ex.3)

**Size and Spacing:** These two items are key when designing your ADA signs. All raised text must be a minimum of 5/8" tall and a maximum of 2" tall. There must be at least 3/8" spacing between all lines of text, Braille, graphics, decorations and borders (See Ex.4). We will insert the correct Grade II ADA compliant Braille into your artwork, but be sure to leave a place holder and enough space. Braille requires 1/4" height for the Braille itself, and the length will be determined by the amount of text. If you have multiple lines of text, the safest bet would be to account for multiple lines of Braille (and remember the 3/8" spacing between lines, and from the border!). Pictograms require a 6" vertical void that contain no other characters or Braille (as shown in Ex.5).

Knowing this spacing requirements will help select the size for your customer's ADA compliant signs. Adding the above together will determine your minimum sizes, and you can always go larger. The minimum height for a Room Identification sign would be 2" (as shown in Ex.4), and the minimum height for a Restroom Sign would be 8" (Ex.5). The length is determined by the length of text and wall size available.

**Thickness and Decoration:** Don't forget about the third dimension when designing ADA signs, that's an area with flexibility. The standard is 1/8" thick, but you can always go thicker or add additional layers or back plates. You can also add stripes, multiple colors, accent pieces, or logos as long as you keep the correct spacing away from the ADA regulated elements. (See Ex.6)

**Installation:** ADA guidelines have set a variable installation height so that the top of any size sign in a hall can be mounted on the same line. The baseline of the lowest line of text must be mounted between 48" and 60" from the ground. The sign must be placed on the wall adjacent to the latch side of the door. (See Ex.7) The sign must also have an 18" clearance area in front of it, free from any obstruction, so placing the center of the sign 9" from the latch side framing usually will allow this area.

# Cheat Sheet (cont.)

**Ex. 1**

OFFICE 201

OFFICES  
200-250



Must have raised text with Braille  
Room Identification

Does not have to have Raised Text or Braille  
Directional Signage

**Ex. 2**

**MEN**

ADA Compliant!  
Normal Type Face, San Serif, 5/8" Height

**WOMEN**

NOT ADA Compliant!  
**BOLD** Type Face, Serif font, 1/2" Height

**Ex. 3**

KITCHEN

KITCHEN

ADA Compliant!  
Contrast is great!

KITCHEN

KITCHEN

NOT ADA Compliant!  
Not contrasting colors.

**Ex. 4**

OFFICE

0.375"

0.375"

0.25"

0.625"

**Ex. 5**



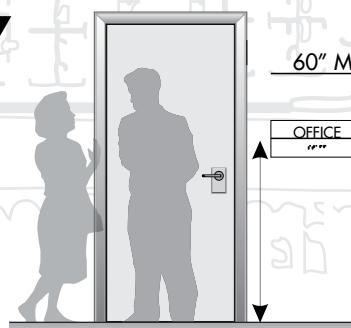
WOMEN

6"  
2"

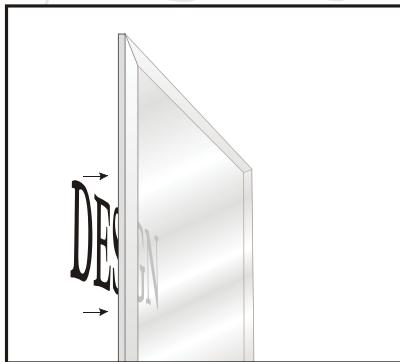
**Ex. 6**



**Ex. 7**



# Graphic Options



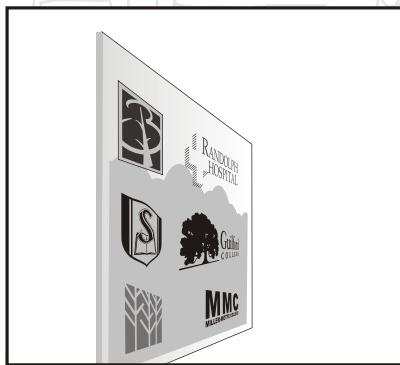
## Vinyl Graphics Subsurface Applied

Vinyl graphics have been around for a long time and with the implementation of today's digital printers, you can print almost anything and apply it to almost any smooth surface. We use vinyl on the subsurface when possible for added protection and vandal resistance.



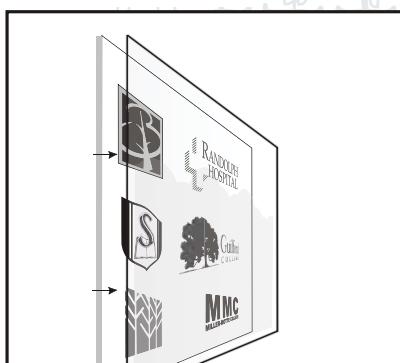
## Vinyl Graphics Surface Applied

Vinyl comes in a vast array of colors, styles and grades. It is a cost effective way of producing interior and exterior signs. Vinyl is used in directional sign systems or in situations where the signs are overhead and out of reach. We suggest using surface applied vinyl when the material does not allow for subsurface viewing.



## Screen Printed Graphics

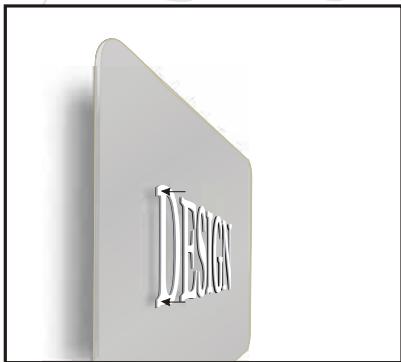
Screen printing is a time proven technique for reproducing intricate details, multi-colored graphics and in cases where a high volume of signs are required. Screen printed can be done on the surface or subsurface depending on the material and application requested.



## Color Fusion PLUS Graphics

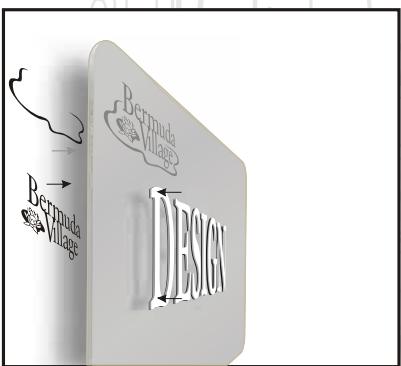
Color Fusion is a process that fuses ink directly to acrylic. This unique process keeps the full color and quality of the artwork and adds depth, dimension and durability. The print can be surface or subsurface applied to almost any substrate. It could cover the entire surface, or be applied to a specific area.

# Graphic Options (cont.)



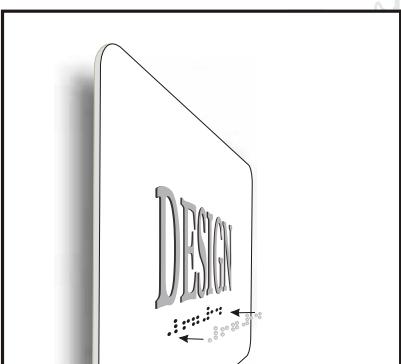
## Rowmark/Duets Raised Material

Rowmark 1/32" thick materials meets the requirements for the American with Disabilities Act for raised text. The Rowmark is bonded to the face plate and is precision cut with a laser. Rowmark has a wide selection of standard colors to choose from, however if a custom color is needed, we can paint the Rowmark as well.



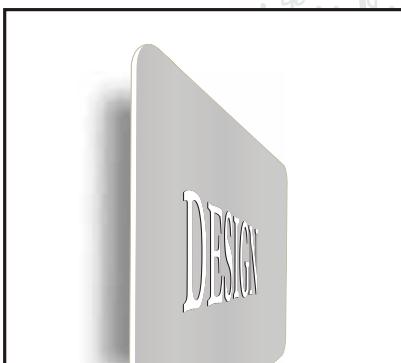
## Rowmark/Duets and Screen Printing

Subsurface screen printing a logo or any design element can make a big difference in how a sign looks. Dimensional graphics combined with a logo or any design element can make a sign more aesthetically pleasing.



## Grade II Braille

Braille, better known as Raster Beads are pressed into place after the face plate has been properly drilled. Raster Beads come in a variety of colors, but are commonly used as either black or clear. For surface painted face plates, the Braille is painted the same color as the face.

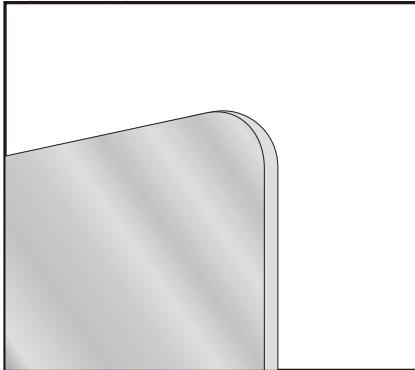


## Photopolymer

Photopolymer is a photo-sensitive synthetic compound that hardens when exposed to an ultraviolet light source. It is hardened to form the raised areas, and can also be enhanced with paint, silk screening, and routing to achieve the finest quality.

**NP** Nova Polymers  
PREFERRED FABRICATOR

# Sign Plate Options



## Single Ply

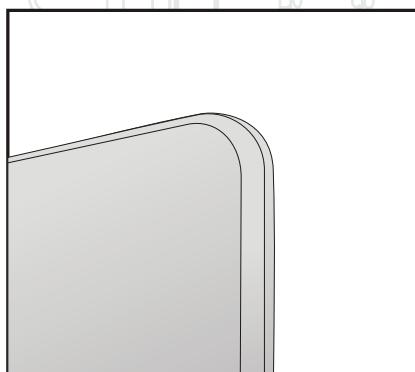
The standard face plate material is a non-glare cast acrylic  $1/16''$  or  $1/8''$  in thickness. Additional materials such as Rowmark/Duets, Formica, WilsonArt, Nevamar, Pionite laminates and many more materials are also available. The face plate is laser cut or routed into the desired shape and size.



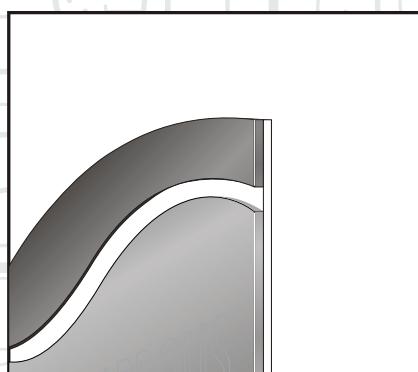
## Multi-Ply

Additional materials such as acrylic, Rowmark/Duets or laminates can be added as an additional layer behind the face plates. They would be laser cut or routed to size, painted if needed, and laminated to the face plate. A beveled edge can be applied for added effect.

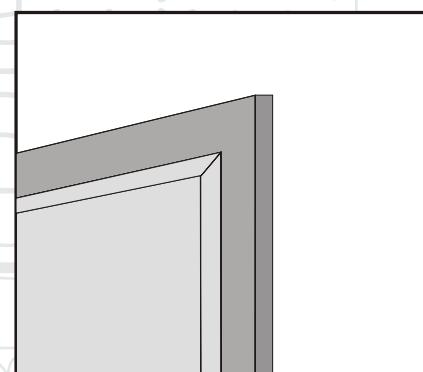
## Additional Design Options



$1/4''$  Thick  
with a beveled edge



$1/8''$  to  $1/8''$   
Multiple Layers



$1/8''$  Faceplate  
with  $1/4''$  Back Plate

# Glossary of Terms

**Appliquéd:** Applied Graphics. This often is text and pictograms on interior signs. For ADA Compliancy, the raised lettering must be raised at least 1/32"

**Braille:** Domed "mounds" on the face of the sign for reading by the visually impaired. Grade 2 Braille is used for ADA Compliancy. For Acrylic substrates, the Braille is typically clear "Raster Beads" which are on the surface of the face plate by drilling and inserting. For Photopolymer substrates, the Braille is exposed, raised, and given a rounded dome by adding layers of paint and clear coats.

**Non-Glare:** A type of acrylic that is clear, but has a coating applied to reduce the reflective nature of clear materials. It allows subsurface painting to be ADA Compliant.

**Raster Beads:** See "Braille". Raster Beads are spheres that are inserted half way into a material so that they are still raised above the surface.

**Screen Printing:** For interior signs, this is a process of laying down ink through a "screen", only allowing the ink through an area. The area could be the shape of text or logos that will be flat and an added feature for the sign.

**Subsurface:** (In this case, Painting) The paint is applied to the "back" of the material. This is preferred for aesthetic purposes, as well as protection of the paint from being scratched.

**Surface:** (In this case, Painting) The paint is applied to the "front" of the material. This is preferred if the edges are needing to be painted, and usually includes the painting of the Braille as well.

**Tipping:** For interior signs, this is a term used for the process of screen printing across the "tips" of raised photopolymer letters and graphics. The Braille is not tipped, as it is required to be the same color as the face plate.

**VHB Tape:** 3M "Very High Bond". This is the most typical mounting method for interior signs. In combination with Silicone, even very heavy signs can be mounted to interior walls without drilling into the wall or stud mounting.

# Accessories

Available with your next ADA signage order.



## 3M VHB Tape

This gray tape is 1/16" thick, and available in 1/2" or 1" width. It is a great mounting choice for flat surfaces. It can be used interior or exterior, and we suggest using it in combination with silicone.

Part No. VHB1 - for 1" width

Part No. VHB12 - for 1/2" width



## 3M 467 Tape

This clear tape is thin and sometimes called "onion skin". It is available 2", 6", and 12" widths. It is a great for mounting sign layers together, and holds up well for interior or exterior applications.

Part No. 4672 for 2" width, 4676 for 6" width, and

46712 for 12" width



## Cubicle Pins

This metal and plastic mounting system is perfect for certain cubicle applications. The pins stab into the cubicle fabric, and are attached to the sign with foam Tape. We suggest 2 per sign, depending on size.

Pin length is 1.675" Long.

Part No. PINS



## Cubicle Fangs

This metal mounting system is perfect for certain cubicle applications. The small "fangs" grab onto the cubicle fabric, and are attached to the sign with VHB Tape. We suggest 2 per sign, depending on size.

Approximately 1" H x 1.25" W.

Part No. FANGS

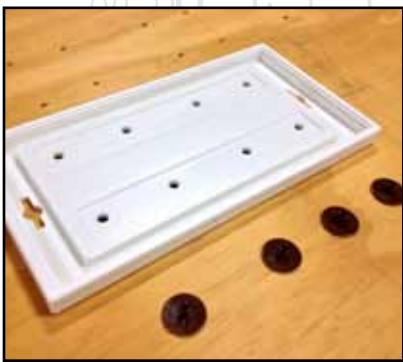
# Custom Accessories

Call today for custom accessory pricing!



## ***Heat Bent Acrylic Stands and Hangers***

We manufacture heat bent acrylic stands and hangers, custom heat bent for your needs. Think of uses on counter tops and over cubicle partitions. Use 1/16" or 1/8" Acrylic and you can leave it clear, or paint them as shown!



## ***Plastic Frames***

Plastic frames come in a variety of colors and sizes to choose from. Ours come with snap lock technology, holding the signs in to place when needed, but able to be removed if the need to be changed!



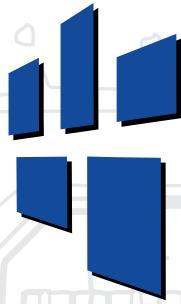
## ***Metal Frames***

Metal frames can be made to custom sizes by cutting lengths of extrusions and assembling them together. We provide frames in many finishes, and can always custom paint the frames to match your signs. Many different extrusions are available, so ask us for details!



## ***Brackets and Extrusions***

We provide custom cut mounting brackets in a variety of styles and finishes. These can be used for wall or ceiling mounted projecting signage. We can also custom paint the brackets to the color of your choice.



# Graphic Components

Wholesale ADA and Interior Signage

## Partnership Promise:

Quotes:

**FAST!**

Prices:

**Right.**

Quality:

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