

## Guidance and Resources for Acrylic/Lexan/Plexi-glass Barriers

The guidance from EHS now includes a recommendation of an acrylic or clear “shield” or “barrier” to protect those interacting with the public in their daily jobs particularly in areas with high traffic or a high level of interaction.

The height of the partition must take into account the tallest user and the way in which s/he will approach or use the partition. From the center of that persons face (client and employee), the partition should extend at least 12” / 30cm above and to each side of that center point (picture below may help).



The **width** of the partition should account for user behavior, including the likelihood that users will attempt to move to the side to speak around the barrier. Currently, industry best practice is to make the partition as wide as the surface, desk, or countertop will allow.

Any opening in the barrier should be kept as small as possible, and should be placed so as to not compromise the breathing zone of either user. For example, if one user is standing and passing documents to a seated person on the other side, the document slot (typically 4” x 10”) should be placed off-center, rather than directly in front of the seated person’s face. In some cases, the opening may need to be larger (e.g., to pass packages). In these cases, it may be useful to install a slider or a flexible plastic flap, because the purpose of these partitions is to ensure that one user’s breathing zone is not contaminated by exhalations from another, speaking ports or grates should **not** be installed through the partition.

Partitions can be either surface-mounted (using brackets or clamps), free-standing, or hung from the ceiling. The first two are preferred as the engagement of Facilities is required for solutions that involve building alterations. In general, the partition should be designed so as to minimize airflow around the edges of the partition.

Please pay attention to the location of sprinkler heads. Hung partitions cannot interrupt the sprinkler spray pattern, and if there are any questions about this please contact EHS. Floor mounted partitions cannot block the means of egress, and should be mounted so they cannot be overturned.

The following listing represents sources that have been vetted to be able to provide these barriers.

**Local Suppliers:**

**All of our local suppliers have the capability to do site visits, take measurements and offer custom fitted solutions.**

**Precision Glass & Upholstery Inc (Christiansburg):**

Contact for more details and quotes: Larry Costigan (800)327-4527 [precision0066@gmail.com](mailto:precision0066@gmail.com)

Pricing is based on size, whether installation is required, pick-up or delivery.

Solutions are custom fit. Example, a standard 32"W X 40"H free standing with a pass-through at bottom center, 1/4" PLEXIGLASS picked up at our shop would be \$219.95. Lead time for this style would be approximately three business days.

Offerings:

1/8" Acrylic (Plexiglass)

1/4" Acrylic (Plexiglass)

1/8" Polycarbonate (Lexan)

1/4" Polycarbonate (Lexan)

\*Free Standing Shields\*

\*Multiple Sizes\*

\*Custom Applications\*

\*Pass-Thru Cut outs\*

\*Speak-Thru Holes & Covers\*

**New River Engraving (Christiansburg):**

Contact for more details and quotes: Jay Nagel [info@newriverengraving.com](mailto:info@newriverengraving.com) (540)382-0232

A few standard sizes and pricing are listed below. Departments are encouraged to reach out to discuss a custom solution. Custom sizes/designs are available for quote. Lead time heavily dependent upon order quantity and product availability. Most orders fulfilled within 1-2 weeks. Mounted 1/4" Acrylic Barriers are available with aluminum base or posts. Quote required.

Free standing 1/4" Acrylic Barriers - pricing includes 4 acrylic feet & pass through slots:

Standard Sizes:

30"x30" (or smaller) - \$100

32"x32" - \$125

32"x36" - \$150

32"x40" - \$175

32"x44" - \$200

32"x48" - \$225

**Creative Glass (Wytheville):**

Contact for more details and quotes: Shane Farmer (800)633-4527 Mobile: 540-392-0330  
[shane@mycreativeglass.com](mailto:shane@mycreativeglass.com)

The following options are completely customizable in size. These are shown with a tempered glass option just in case the acrylic has a long lead time or is not available at all. Tempered glass has an approximate two week lead time. The following frames are built with white PVC material. Once again the acrylic is subject to availability.

48" x 32" or less with 1/8" acrylic \$280 - with 1/8" tempered glass \$300

48" x 33" - 48" x 48" w/ 1/8" acrylic \$305 – with 1/8" tempered glass \$335

48" x 32" or less with 1/4" acrylic \$330

48" x 33" - 48" x 48" with 1/4" acrylic \$350

Doubles, dimensions for each side:

48" x 32" or less with 1/8" acrylic \$540 - with 1/8" tempered glass \$580

48" x 33" - 48" x 48" w/ 1/8" acrylic \$590 – with 1/8" tempered glass \$640

**Barrows (Roanoke):**

Contact for more details and quotes: Lizzie Scott [Lizzie.Scott@barrowsinc.com](mailto:Lizzie.Scott@barrowsinc.com) Account Manager |  
Barrows Inc. p. 804.874.8030 [Barrows Inc.](#)  

Steelcase Separation Screens – 2 week lead time

Freestanding Screens of varying dimensions & finishes: Price range \$697.91 - \$1,114.51

Desktop Screens of varying dimensions & finishes: Price range \$292.64 - \$455.48

**H&M Sales & Service (Richmond): For District and Extension Offices in proximity to Richmond**

Contact for more details and quotes: Christy Van Orden & Daniel Hubbard [christy@hmrva.com](mailto:christy@hmrva.com)  
[dan@hmrva.com](mailto:dan@hmrva.com) 804.276.4668 [www.hmrva.com](http://www.hmrva.com)

H&M offers customized solutions using 1 ½" x 1 ½" aluminum Extrusion T posts & ¼" to 3/16" clear Lexan as the barrier material.

**Contract suppliers:**

**Fisher Scientific:**

Fisher has several mobile spit guards that can be requested by quote through our Fisher Rep: Christopher Haseleu: [christopher.haseleu@thermofisher.com](mailto:christopher.haseleu@thermofisher.com).

<https://www.fishersci.com/shop/products/fisherbrand-splash-shield/17987421#?keyword=172284>

<https://www.fishersci.com/shop/products/bel-art-scienceware-large-weighted-safety-shield/22388421>

<https://www.fishersci.com/shop/products/large-weighted-safety-shields-4/10029255#?keyword=Splash+Shields>

<https://www.fishersci.com/shop/products/poltex-ergonomic-biohazard-shield/22000183>

<https://www.fishersci.com/shop/products/splash-guard/s06662#?keyword=Splash+Shields>

<https://www.fishersci.com/shop/products/transparent-shield-2/cic0001464#?keyword=Splash+Shields>

## **Vari:**

Contact for more details and quotes: Megan Berger | Territory Sales Representative  
[megan.berger@vari.com](mailto:megan.berger@vari.com) Phone: (972) 538-9411

Privacy products and movable QuickFlex Wall system details: <https://www.vari.com/walls-and-privacy/>

**Privacy Panels & Dividers** – 3-5 business day lead time for all, and prices reflect VT Omnia Partner’s contract pricing.

- **Privacy Panel 24x30** - \$95
  - Most popular sneeze guard
  - Plexiglass surface – easy to clean
  - Quickly installs with adjustable clamps that fit on any desk/table ranging from ½” to 1 ¼” thick
  - Leaves no damage on the desk
  - Can be installed side-by-side, to create a wider barrier (2 panels can cover 60” or 48” of space)
  
- **[Acrylic Modesty Panel 60"](#)** - \$112.50
  - Durable acrylic panel with a Frosted Finish
  - Can provide privacy above or below the desk
  - Easily installs with 2 clamps with no tools required
  - Also available in 48” [here](#) - \$85.50
  
- **[Acrylic Privacy Panel 24"](#)** - \$67.50
  - 24” x 12” Panel with Frosted finish
  - Creates a partial barrier between workstations
  - Helps to define single workspaces and create a more private working environment
  - Max Clamp Width: 1.25” (3 cm)
  
- **[Mobile Glass Board 40x72](#)** - \$535.50
  - Rolling Markerboard that can be utilized as temporary partitions
  - Dual-sided, writable glass surface
  - Lockable casters
  - Also available in 48 x 66 or 48 x 76

**QuickFlex Walls** – moveable wall system with 7-15 day lead time depending on project scope

- \$895.50 per panel
- 1-min video overview [here](#)
- Free installation for any order over \$5,000
- Can assemble and reassemble in minutes
- Partitions that allow you to add rooms or divide spaces to create more privacy