

## Technical Data Sheet

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Images mounted to acrylic is one of the fastest growing segments for wall décor graphics and signage. This is primarily due to the high quality and durability. When using acrylic, all the attention is focused on the subject rather than a frame.

### Versatility

There are literally hundreds of combinations on how you can have your piece produced. The variables include the print material, type and thickness of acrylic, the backing, and display hardware. Most acrylics are constructed with the acrylic on top, the print, a backer, and then a cleat or standoffs to hang it on the wall.

### Print Material

When choosing a material to print on it is important that it be a smooth surface. Any texture in the surface will cause air bubbles in the mounting that will show in the final piece.

#### Photographic paper

Most pieces are printed on photographic paper. This provides high quality at the lowest price. Glossy surface works best.

#### Metallic paper

This adds a reflective quality to the print making it more dramatic.

#### Transparency

This has a frosted back and is lit from the rear. Today's LED lighting works great with this medium. The frosted back spreads the light so that it looks uniform. This is primary used with a light box.

#### Dusted Vinyl

The lighter areas of the subject have a foggy quality which allows you to see through it. This is great to use with standoffs or on a stand.

#### Clear

The image is printed directly on the material using UV inks so that you can see through areas that do not have ink on them. This is primarily used for signage.

### Acrylic

Most images are mounted behind the acrylic (2nd surface), however they can be front mounted if needed.

#### Thickness

We offer 1/16", 1/8", 1/4", 3/8", and 1/2" thickness. Using thicker acrylic adds more depth to the image. We recommend 1/4" for most graphics.

### Types of Acrylic

In addition to the standard acrylic we also offer non-glare, frosted, white, and black acrylic.

#### Finishing

We recommend that 1/4", 3/8", and 1/2" acrylic have the edges polished. 1/8" acrylic is thin enough that you generally don't see much of the side, so it is not required. The corners can be square or rounded. We can also do circles and custom shapes if needed.

### Backing

A backing serves to block light from shining through from the back and to give support when hanging it using cleats. It is not necessary to use a backing for standoffs.

#### Black PVC

This provides a backing that allows the use of cleats to hang the graphic to give it a floating look. It is available in thickness from 2mm to 1". The thicker backs add a heavier feel to the graphic. Sizes 1/2" and up can be beveled to add a more dimensional look.

#### Aluminum Composite

For large graphics that may need more structure we recommend the use of an aluminum composite material. We stock Metal Max, E-Panel, and DiBond. In most cases we recommend going with the mid-priced E-Panel.

### Display Hardware

#### Cleats

Cleats provide a sturdy hanger and make your images appear to float off the wall. To use cleats you must have a backer. The only exception to that is the polyester material. We offer thicknesses of 1/4", 1/2", and 3/4". When using a PVC backer we recommend PVC cleats. When using an aluminum composite backer we recommend an MDF cleat. On large pieces we can provide either a stabilizing cleat at the bottom or a frame cleat. The stabilizing cleat keeps the graphic from being pulled away from the wall. The frame cleat will give the graphic additional structure and prevent it from sliding left/right.

#### Frame Back

A black frame is mounted to the back of the acrylic that will offset it from the wall 7/8". This frame can then be attached to the wall using picture wire, saw tooth hangers, security mounts, or a wall cleat.

## Standoffs

There is an almost unlimited variety of standoffs available. It is important that you consult with someone who can help you navigate through the different choices numerous options for standoffs. We have some standoffs in stock here and can order others as needed.

### Types of Standoffs

- Options
  - Stainless Steel
  - Aluminum
  - Plastic
  - Tamper Proof
  - Square
  - Edge Grip
- Finish
  - Satin
  - Satin Brushed
  - Polished
  - Black
  - Gold
  - Clear
- Size
  - Diameter
  - Cap Height
  - Barrel Height

We have samples of most of these in our lobby and can help you choose the best one for your project.

If you are providing your own standoffs please provide us with the required hole size.

## Acrylic Blocks

The image is printed on either Epson Premium Gloss or Epson Metallic. It is then mounted on 1" thick acrylic with hand polished edges that give it a crystal look. Black vinyl is applied to the back to protect the print and give it a finished look. The block will free stand on any flat surface.



### Acrylic Prices - 6 days

Size	Price
11x14	98.64
12x12	80.30
12x18	120.17
16x20	148.00
18x24	153.75
20x24	176.11
24x24	185.04
24x30	228.70
24x36	268.54
30x40	369.39
36x48	487.60
40x60	660.63
48x72	692.00

The above prices include

- Glossy Photo Print
- 1/4" acrylic
- Polished edges
- 2mm black backer
- 20x24 and smaller includes aluminum hanger back
- 24x24 and larger includes wood frame back

For other options or sizes please request a quote.

### Acrylic Blocks - 6 days

Size	Premium Gloss	Epson Metallic
4x6	48.00	50.25
5x7	52.00	54.25
6x6	55.00	57.25
8x8	82.00	74.50
8x10	98.00	101.00
10x10	121.00	125.00
12x12	147.50	151.00