Acrylic Prints

ROBIN IMAGING SERVICES

Technical Data Sheet

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

Versatility

There are 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 has a smooth surface. Any texture in the surface will cause air bubbles in the mounting that will show in the final piece. For more detailed information on papers ask for a copy of "TDS001 Print Paper Options".

C-Print
Our most economical paper for acrylic prints. It is printed with expanded gamut solvent dyes.

Epson Premium Gloss
Our most popular paper for acrylic prints. Printed on an extended gamut printer with pigmented dyes it has a 200-year life.

Epson Metallic
Adds a reflective quality to the print resulting in more contrast and brighter colors.

Moab Slickrock Silver
Our most dramatic print material. A silver metallic surface that creates a dramatic true metal look. This media is not suitable for all images.

Transparency
A film with a frosted back and designed to be lit from the rear. Today's LED lighting works great with this medium. The frosted back spreads the light so that it looks uniform.

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.

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

Non-Glare Acrylic
Non-Glare acrylic is available in both 1/16" and 1/8" thickness. This eliminates glare and softens the image.

TruLife Acrylic
This is the best acrylic available. It is 1/8" thick and has amazing clarity, making colors appear much more vivid. Its anti-reflective coating allows you to see your image, not your reflection, and it's 99% UV Protection preserves the image for future generations. It also has anti-abrasive properties to prevent scratching.

Finishing
We recommend that 1/4" 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 desired.

Backing

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

Black or White PVC
This provides a backing that allows the use of cleats or other hardware to hang the graphic and give it a floating look. It is available in 2mm, 1/8", 1/4", and 1/2". The thicker backs add a heavier feel to the graphic. 1/2" 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 E-Panel, and DiBond. In most cases we recommend going with the mid-priced E-Panel.
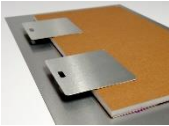
Display Hardware

Cleats

Cleats provide a sturdy hanger and make your images appear to float off the wall. We offer thicknesses of 1/4", 1/2", and 3/4".

Shadow Mount

This is the most economical method of display. It consists of a Gatorfoam block with aluminum hangers allowing the acrylic to be hung on the wall with a nail or screw. Once hung it appears that the image is floating ½" from the wall.

Wood Frame back
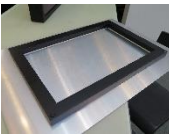
A wood frame is attached to the back of the acrylic. This frame is hung using wire. Once hung it appears that the image is floating 1" from the wall.

Aluminum Frame back

An aluminum frame is attached to the back of the acrylic. This frame can be hung using wire or a Z-Bar hanger. Once hung it appears that the image is floating ¾" from the wall.

Standoffs

There is an almost unlimited variety of standoffs available. We are happy to help you navigate through the numerous options for standoffs. We have samples of most of these in our lobby and can help you choose the best one for your project.

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.