

# ALUMINUM FRAMES

*Tested Tried True*

**Aluminum Frames are by far the most popular choice in the industry of screen printing. Dominating the market for their ability to withstand diversity of conditions, chemicals, and fast paced production in screen printing shops all over the world. Resistance to warping and solvent absorption are among the many properties of our superior aluminum frames. They come in a wide variety of stock and custom sizes as well as multiple glueing options for added strength and chemical resistance. Constructed from recycled and recyclable aluminum these frames satisfy both economical and ecological interests as they are proudly produced right here in the USA.**



## FRAME EXTRUSION PROFILES

Aluminum frames are cut from 6063T5 alloy in a variety of extrusion profiles. Each profile offers unique characteristics to accommodate different machine specs as well as overall strength requirements for high tension frames and extra large frames. Some of the extrusions can be “pre-shaped” to handle higher tension. For more details on custom process and applications please feel free to ask your sales representative.

**2 x 6 x .125**

.5 x .75 x .062

**1.25 x .25 SOLID**

.5 x 1 x .070

**1.25 x .375 SOLID**

**1 x 1.5 x .062**

**1.75 x 4 x .125**

**1.75 x 5 x .125**

**1.5 x 1.75 x .070**

**1.5 x 1.5 x .125**

**1.5 x 2 x .125**

**1.5 x 3 x .125**

**1.5 x 1.5 x .062**

**1.375 x 1.375 x .062**

**1.25 x 1.25 x .062**

**1 x 1 x .062**

**.75 x .75 x .062**

### Conversion Chart Fraction to Decimal

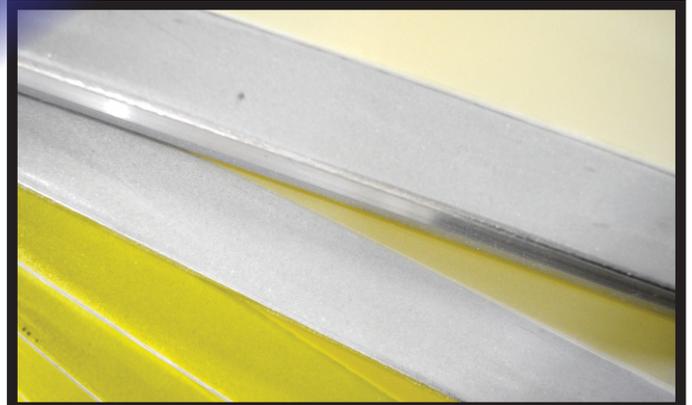
**1/16" = .0625"**  
**1/8" = .125"**  
**1/4" = .25"**  
**3/8" = .375"**  
**1/2" = .5"**  
**3/4" = .75"**

## MESH ADHESION OPTIONS

*Glueing options for attaching mesh to aluminum frames include two primary methods as well as additional options which provide added strength for chemical resistance and extended mesh performance.*

### CYANOACRYLATE GLUE

*Cyanoacrylate glue is our standard high strength glueing option. Resistant to most chemicals, this glue has a remarkably high tensile strength for everyday production on both manual and automatic presses.*



### TWO PART POLYURETHANE

*Two part polyurethane or “Red Glue” is the next level in both strength and chemical resistance. This catalyzed adhesive is resistant to all chemicals commonly used in the screen printing industry and is applied with a multi-layer process ensuring a strong bond to the frame for extended performance*



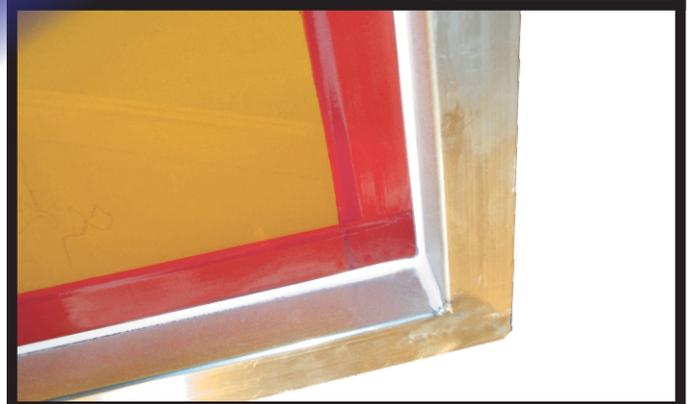
### PERMANENT BLOCK OUT

*Permanent block out is composed of the same material as Red Glue giving it the same strength and durability while blocking a 1.5 inch border around the edge of the mesh inside the frame. It eliminates the need for temporary block-out on the frame and can be used in place of or with screen tape to prevent ink leakage.*



### SCREEN BOSS

*Screen Boss is the ultimate addition to any glued frame for its super-strength bond. It is applied to the inside edge of the mesh where it meets the frame and creates a practically indestructible bond between mesh and frame for premium resistance to chemical degradation and maximum frame life.*



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Stock Aluminum  
frame sizes are:

18" x 20" x 1-3/8"  
20" x 24" x 1-3/8"  
23" x 31" x 1-3/8"  
23" x 31" x 1-1/2"  
25" x 36" x 1-1/2"

Standard tubing  
wall thickness is  
.062"

**Aluminum Frames  
are available in  
these mesh counts**

**83/100 White  
110/80 White  
110/80 Yellow  
123/70 White  
137/64 White  
156/64 White  
156/64 Yellow  
180/55 White  
180/55 Yellow  
195/55 White  
195/55 Yellow  
230/48 Yellow  
255/40 Yellow  
280/40 Yellow  
305/34 Yellow  
305/40 Yellow**

**Custom  
aluminum  
frames can be  
ordered in nearly  
any size or  
variation. If you  
have a specific  
need for and  
unusual style or  
size of frame, be  
sure to contact  
your account  
representative  
for fabrication  
options and  
price quotes.**

