

# **Sewing Pattern for Climbing Wall Banner**

## **Description**

This pattern is for a banner to be hung on the side of a twenty-four foot tall rock climbing wall. The wall has room for either one or two banners. The finished size of the largest banner the mounting system can accommodate is 15' 8" high by 24" wide. The width should be between 20" and 24". The height may vary from ten feet to 15' 8". A tube is sewn on the top and bottom of the banner so a 1" diameter pipe 26" long can be inserted on the top and another on the bottom. The banner is supported by tying a rope from each end of the pipe on top of the banner up to a supporting rod mounted on the wall, and by tying a rope from each side of the pipe on the bottom of the banner down to another supporting rod.

## **Materials**

The fabric used must be heavy enough for the banner to withstand some wind. It must also be able to accept fabric dye if dye is going to be used to create the lettering and graphics. If vinyl lettering and graphics are to be stuck on the fabric, the material should also be vinyl.

Heavy thread should be used. A banner this big acts like a large sail in the wind and can result in quite a bit of force.

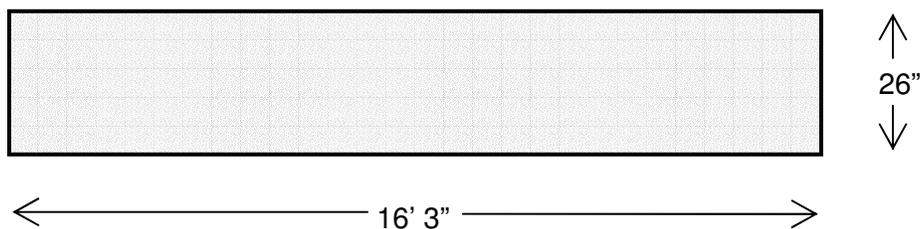
## **Cut Size**

The maximum finished size banner the wall can accommodate is 15' 8" x 24".

The cut size of the fabric will vary depending on the seam you use along the banner's edge. If you have heavy fabric that will not fray, you can get away with rolling the material on the seam only once. In this case the cut size should be 16 feet 3 inches long by 26 inches wide.

If you use a lighter fabric that frays along the edge you will want to roll the edge twice. In that case you should add 1/2" to both sides, top and bottom, giving you a final cut size of 16 feet 4 inches long and 27 inches wide.

### **Cut fabric size for single rolled edge**



## **Edge Seams**

For single rolled edges, roll the edge of the fabric in 1 inch and stitch once 3/4" from the rolled edge. Make another seam 1/2 inch from the rolled edge.

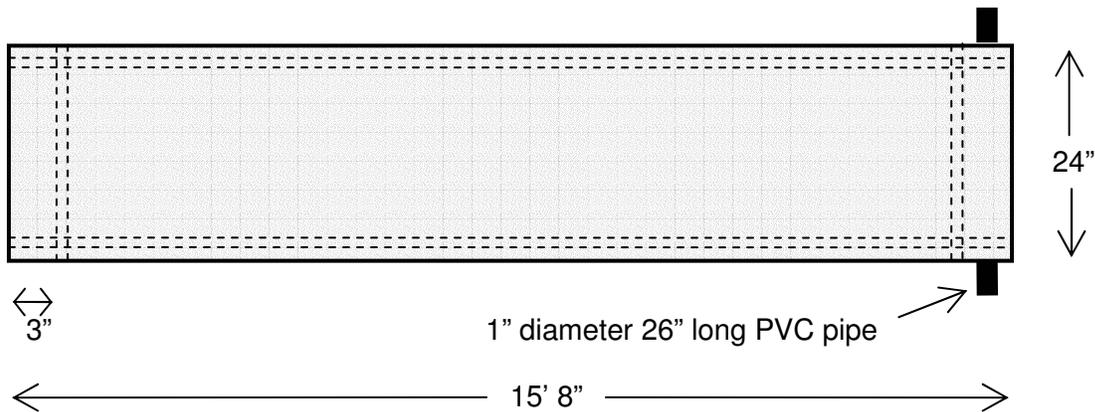
### **Pockets**

Next we must create the pockets that the PVC pipes will slide through. Roll the fabric back 3 ½" from the top, and sew ½" from the finished edge to create a 3 inch pocket. Leave both ends of the pocket open so the pipe can protrude from both ends. Run one more seam along the first for increased strength. Do the same on the other end of the banner to create the second pocket. See illustration on next page.

### **PVC Pipe**

I will supply the 26 inch long PVC pipe sections on site the day of the event.

### **Final Dimensions**



\*Note. For illustrative purposes, only one PVC pipe is shown. When in use, PVC pipes are put in both the top and bottom pockets on the banner.

### **Lettering and Graphics**

One way to create the lettering is with fabric dye and some stencils.

Another method would be to go with a vinyl banner and adhesive backed vinyl lettering. You can either create the vinyl lettering yourself or have a graphics design shop create them for you.

I have had good luck with my banners working with a company called Teknigrafix out of Auburn California. Their number is 530-888-1320. Their email is [mail@teknigrafix.com](mailto:mail@teknigrafix.com). They can either create the entire banner, or just some stick on letters and graphics that you can stick onto the banner yourself.

### **Questions**

If you have any questions call Steve at Climb for Fun, Inc. at 800-428-1837. Or email me at [ontop@climbforfun.com](mailto:ontop@climbforfun.com)