

# REINFORCED BARTACK STITCHING



## THE PROBLEM

All flags whether manufactured in nylon or heavy-duty polyester materials have several factors that affect their overall lifespan including a combination of any or all of the following. No matter what the image is on the flag, the way a flag is sewn, the wind, moisture, Sun's UV rays as well as how many hours a day a flag is flown can all affect how long your flag will last. Traditionally, U.S. flag manufacturers offer an industry wide standardized method of sewing flags which guarantees them a steady income of flags replaced as often as possible and is due primarily to the material coming apart at any of the seams. The seam that traditionally comes apart first is the fly-end (the end that's flapping in the wind and furthest away from the flagpole) with the rest of the seams to follow.

## THE SOLUTION!

Whether it's stock or custom printed flags, we've reduced the one factor that allows flags from coming apart at the seams as soon as they normally do by incorporating Bartack style stitching exclusively into all of our United States manufactured flags. When you have two seams of material that have a great deal of stress on them and are used for industrial and institutional applications, they're normally sewn with a Bartack stitch. A Bartack stitch is a tight zigzag that is repeated back and forth over it' self to reinforce two or more pieces of material that are sewn together. Examples of Bartack stitching include products used in fire and police departments as well as for the military, luggage, sporting goods, and in clothing. All Levi's® jeans clothing incorporate the Bartack stitch and is one of several reasons they last so long. Field tested 30' X 60' size flags that incorporate a tremendous wind resistance when flown with Bartack stitching have continuously shown to require **less yearly replacements**. In some conditions, the fly-end can be cut off and re-stitched using Bartack stitching for even longer flag life. Our United States manufactured flags last longer and save you more money than any other traditionally sewn flag.

