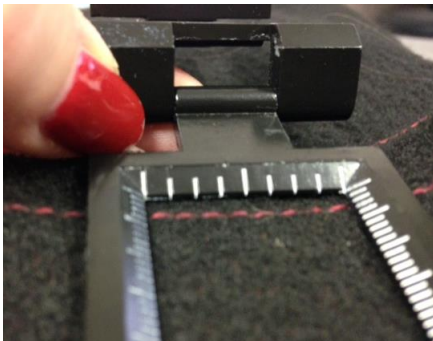


## STITCHES PER INCH

Stitches per inch can have a direct influence on seam strength. The impact of stitches per inch cannot be underestimated. For example, with fabrics, the more stitches per inch typically increases the seam strength. Not so for vinyl and polyurethanes, where too many stitches per inch can damage the material and cause perforation at the seam through the multiple needle punctures.

The standard rule of thumb for vinyl and faux leather is 5-7 stitches per inch. For woven fabrics standard is 8-10 stitches per inch. As with most standards, it is a good idea to test a piece of material with your proposed settings to ensure proper seam strength. Material weight and content can play a role in determining the final stitches per inch for a successful seam.



Stitches per inch is measured by counting the number of lengths of thread found within one inch.



The tight, small stitches have perforated the vinyl above. Pressure applied to the sides of the material allowed it to split similar to perforated paper can be ripped from a notebook.