





US Craftsmanship



What sets Atlas 46 products apart from everything else?
It is the high standards we hold every product to, from the quality and durability of the raw goods used to hand craft our products, to the sewing techniques used to make sure our product will last for years to come, through some of the toughest working conditions.

FABRICS

Jet Textured Fabrics™

Before becoming fabric, our nylon yarn goes through an extra process known as Air-Jet Texturing, giving the yarn more abrasion resistance, bulk, a softer feel and a matte finish for the look and durability you expect from Atlas 46.

1000D CORDURA® Nylon

Used in all of our pouches and bags due to it being one of the most abrasion resistant fabrics on the market.

Squadron™ Fabric

One of the most durable fabrics available; resistant to tears, water repellent and laser cuttable for a clean strong finish. With twice the strength of Cordura, we continue to trust light weight Squadron with our products that carry, store and organize tools.

-OVER-

Dynamic Sales is proud to be the ATLAS46 National Distributor to the Rail Industry



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SEWING

301 Lock-stitch

This is the most common stitch we use and it is done with a single needle. This stitch appears on basically every product we manufacture. This stitch is used to attach different panels of fabric together. What makes this stitch strong is that even if a single stitch is broken it will not unravel the entire length of the seam.

Back-tacking

Used at the beginning and end of any seam to reinforce the stitch it is accomplished by backtracking over the stitch it self to double the amount of stitches at both ends of the seam which are typically stress points.

Bar-tacking

Reinforce any point on an item that is going to have constant stress on that stitch. It is accomplished by making a stitch at a desired length then zig zagging back and forth over the stitch effectively locking it in.

Triple Chain Stitch

This stitch is used on the inseam of most of our apparel to join the front and rear panels together. The reason we use this stitch is do to the fact that three different stitches would have to fail in order for the panels to come apart which is highly unlikely. Most apparel companies only use a double chain stitch. We want our apparel to last our customers for years to come.

Double Needle

Stitches on the binding of all of our products. The binding wraps around the raw edge of any material panels to give it a clean look as well as reinforce the panels itself. We use the double needle to add extra strength to the outside edge of our products.

Optimized Stitch Patterns

We use these types of stitches to add extra strength and reinforce handle or attachment points on our products. You will be able to recognize these stitches by a box with an X running through to the corners of the box. This style of stitch allows for the surface area of the reinforcement to be greater and spread the stress on the fabric out.

#70 Nylon Based Thread

The reason we use such a strong thread is because the weakest points of most sewn goods are the seams, that is why we use this thread to reinforce the seams and only use the strongest stitching techniques.



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