

To do a cost calculation, enter the data in the yellow fields. (You must include decimals for percentages; i.e. 25% = .25)

## Cost Calculations Due to Performance Gains of Using A&E Core Thread

(Based on Using Core Versus Spun Polyester in Denim [Hard Was Process])

### Key Questions:

1. Have you collected data on the performance gains of using Core thread versus Spun on your Sewing Floor? You should collect data on the number of interruptions due to thread breaks, skipped stitches, malformed stitches, frequency of mechanic visits & sewing machine repair part costs.
2. Have you collected data on the impact of using Core thread versus Spun in the laundry? You should collect data on the number of garments needing repaired; the number of garments that are down graded to seconds because they cannot be repaired; and the number of charge backs and claims from your customer due to not meeting delivery schedules; not shipping the proper sizes; and poor quality garments that have been rejected.

### Cost of Thread Per Day/Year

For A&E Core and Spun Poly, enter the cost of thread per jean and the size of the program.

	A&E Core	Spun Poly	Variance
<b>Cost of Thread/Jean</b>			
<b>Size of Program</b>			
<b>Cost of Thread/Program</b>			

**Note:** Most manufacturers of heavy bottoms have obtained a significant increase in sewing efficiency and production output by using Core threads as compared to Spun Polyester threads. In order to calculate this impact, we would need more information.

### Cost of Repairs & Seconds in the Laundry

For A&E Core and Spun Poly, enter the percent garments needing repair, the cost of garments to repair, and the cost of garments not repairable.

(See Notes)

	A&E Core	Spun Poly
<b>% Garments Needing Repair</b>		
<b>Cost of Garment to Repair <sup>(1)</sup></b>		
<b>% Garments Not Repairable (2nds) <sup>(2)</sup></b>		
<b>Cost/Garment Not Repairable</b>		
<b>Units Produced for Program</b>		
<b>Number of Garments Needing Repair</b>		
<b>Cost of Garments Repairs/Program</b>		
<b>Number of Garments Not Repairable</b>		
<b>Cost of Garments Not Repairable</b>		
<b>Total Cost at Laundry/Program</b>		

**Notes:**

1. Based on average cost to repair a garment including additional inspection, labor, machines, & overhead.
2. Percent garments not repairable (2nds), typically 10% fall-outs.

**Total Cost at Laundry/Yr Due to Repairs** \_\_\_\_\_ **Per Pair of Pants** \_\_\_\_\_

**Total Costs of Thread & Laundry** \_\_\_\_\_ **Per Pair of Pants** \_\_\_\_\_