

TC-327™ Conveyor Belt

Joining with EZ-Splice®

TC-327™ conveyor belt comes with EZ-Splice® belt joining strands, this is the method you will use to join your belt. EZ-Splice® is a single pre-formed, pre-shaped strand designed to fit TC-327™ conveyor belt. EZ-Splice® offers longer belt life and strong belt joints.

Tools you will need:

- New TC-327 Belt
- Safety glasses
- EZ-Splice Strand
- Profiling Pliers



(Fig 1)



(Fig 2)

Place the EZ-Splice® strand between the two ends of the belt to be joined matching and aligning the spaces of the strand with the spaces of the belt (Fig 1). Make sure that the cut end of the EZ-Splice® strand is on the bottom (Fig 2).



(Fig 3)



(Fig 4)

Once both ends of the belt are aligned with the spaces in the EZ-Splice® strand, rotate the EZ-Splice® strand over and hook both end loops in as shown (Fig 3 + 4).



(Fig 5)

Now that you have the end-loops hooked (Fig 5), rotate the EZ-Splice® strand again 180° or 1/2 turn. The cut ends of the EZ-Splice® strand should stay attached to the belt end-loops on both edges of the belt.



(Fig 6)



(Fig 7)

Turn and insert the second space of the EZ-Splice® strand through the second space of the belt to be spliced (Fig 6). Next, push on the EZ-Splice® z-bend with your index finger until the splice strand hook pops into place (Fig 7).



(Fig 8)



(Fig 9)



(Fig 10)

Hold the space in place while pushing down on the next EZ-Splice® z-bend (Fig 8). Continue this technique across the width of the strand using your index finger. Then pull the final z-bend and pop into place (Fig 9 & 10).



(Fig 11)

Now the bottom half of the joint is complete (Fig 11).



(Fig 12)

Take the top half of the belt and hook the first small space of the belt over and through the first small space of the EZ-Splice® strand (Fig 12).



(Fig 13)

Then repeat every other space across the width of the belt (Fig 13).

Now that the splice is all in place, lock your EZ-Splice® strand in place with the EZ-Splice® profiling pliers.

To lock the EZ-Splice® into place insert the beveled edge of the 24 X .072 bit into the jaw slot of your profiling pliers pushing in with your index finger until you hear a click indicating that the bit is locked in place. Make sure to use the correct bit.



(Fig 14)

Insert the lower jaw of the profiling pliers into the first large space and crimp down on the EZ-Splice® z-bend matching the splice z-bend up with the corresponding groove on the lower jaw of the profiling pliers (Fig 14). Move across the strand and insert the lower jaw into the next splicing z-bend again matching the splice Z-bend up with the corresponding groove on the lower jaw of the profiling pliers and crimp down. Repeat across the width of the belt and then in the opposite direction.

Crimp the outside end loop of the EZ-Splice® strand with the profiling pliers facing in toward the center to control the end loop during crimp.