

# Key Data Points

## SETTING TIME: PER 1/16" DEPTH

45°F	50–60 min
77°F	25–30 min
95°F	20-25 min

*Only requires 45 minutes per 1/16" depth of repair.*

## COVERAGE AT 1/16" DEPTH

100 grams	3.53 oz	1' sq
150 grams	5.29 oz	1.5' sq
300 grams	10.58 oz	3' sq
500 grams	17.64 oz	4.5' sq

*Convenient sized packaging and cost effective coverage means you minimize waste.*

## HARDNESS: After 24hrs

77°F	Shore A 60 for paste Shore A 55 for liquid
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*Closely resembles the cured properties of rubber.*

Tensile Strength	Elongation <i>At break point</i>	Tear Resistance
4N/mm <sup>2</sup> for paste	190% for Paste	4N/mm <sup>2</sup> for paste
7N/mm <sup>2</sup> for liquid	195% for Paste	4 – 5 N/mm <sup>2</sup> for liquid (DIN 53515)
<i>Withstands stretching forces</i>	<i>Wraps easily around pulleys</i>	<i>Resists strong tearing forces</i>

## Customer Testimonials

*"It is the easiest most effective belt repair solution ever. The belt preparation is minimal, and the simple "all in the bag" mixing makes it fool proof. I have been in the industry for 30 years and this is the first urethane solution that actually works.*

**James Burusso – Boulder Co, USA**

*"Eli-Flex is so easy to use it is almost impossible to mess up a repair. I can get non-skilled labor to do the job and still feel confident the repair will work."*

**John Gunia – Lakeside Ca, USA**

*"Man, I have never seen anything stick to belts like this Eli-Flex. It's amazing" –*

**Dirk, Narviflex Belgium**

*"We poured some Eli-Flex onto galvanized steel. Next day it was not possible to rip the stuff off. The zinc layer left the steel and all the zinc was stuck on the Eli-Flex. It's magic!"*

**Bertil Wahren, Primogum, Sweden**

## For Further Information:



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# ELI-FLEX

## CONVEYOR BELT AND RUBBER REPAIR RESIN

*The quick, easy and cost-effective solution to damaged Conveyor Belting*



Eli-Flex is suitable for repairing holes, tears, splits, rips, gouges, missing filler strips, worn patches, clip joint / fastener sealing, edge repairs, re-building cleats, chevrons and sidewalls, worn drum lagging, roller coatings, friction linings etc.

**Suitable for:** fabric and steel cord rubber belts and non-food quality PVC belts.

## Features

- **Quick setting**
- **Easy to use twin-pack mixing & application system**
- **No special tools or skills required**
- **Excellent flexibility**
- **High tear and impact resistance**
- **High wear and abrasion resistance**
- **Broad spectrum chemical protection**
- **Flame retardant**
- **Low irritation potential**
- **Environmentally friendly.**

## *Six Easy Steps to Belt Repair*

### *Step 1: Cleaning surface*



Prepare the damaged conveyor belt surface by removing loose rubber and grinding the surface. We recommend the Rubber Terminator drill mounted disk. Ensure the surface cleaned, roughened and free of dust, oil, grease and moisture. Only use solvent to clean Asphalt, coal or oil stained belts.

### *Step 2: Opening repair kit*



Feel the aluminum foil for the clip separator inside. Cut the foil along the edge to the outside of the separator clip.

### *Step 3: Removing divider spine*



Remove the resin pouch and lay flat. Grasping the pouch on either end, gently pull the two sides apart until the separator tube pops up. Pull the tube out moving from top to bottom.

### *Step 4: Mixing hardener and epoxy*



Mix the hardener and resin together for approximately 2-4 minutes by working the bag in your hands. The resin will start to warm up after 2-3 minutes of mixing. In winter mix for 4-5 minutes.

### *Step 5: Applying resin.*



Cut an opening in the bag that suits the repair you are doing. For small spot repairs only cut a small hole in a corner. For larger repairs cut a bigger hole. Apply the resin to the damaged area by squeezing it out of the bag.

### *Step 6: Spreading resin*



Work the Eli-Flex into the surface using a spatula or any other flat-edged tool. Working time is approximately 20-30 minutes. After approximately 45 minutes the resin will gel, and after 120 min it will set. It is now ready for belt operation, but will take 8-10 hrs to reach full strength.