

Key Data Points

Setting Time: per 1/16" Depth

45° F	50-60 Mins
77° F	25-30 Mins
95° F	20-25 Mins

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

Coverage: @ 1/16" Depth

100 grams	3.53 oz	1 ft ²
150 grams	5.29 oz	1.5 ft ²
300 grams	10.58 oz	3 ft ²
500 grams	17.64 oz	4.5 ft ²

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 at Break Point	Tear Resistance
585 lb/in ² for Paste	190% for Paste	800 lb/in ² for paste
990 lb/in ² for Liquid	195% for Liquid	900 lb/in ² for liquid (DIN 53515)
Withstands stretching forces	Wraps easily around pulleys	Resists strong tearing forces

Curing Times

2 - 2.5 Hours	@ 77° F (25° C)
2.5 - 3 Hours	@ 65° F (18° C)
3 Hours	@ 50° F (10° C)
5 Hours	@ 41° F (5° C)

For Further Information:



Additional Applications

Off-road tires (quarry vehicles, tractors, diggers, graders, etc.), patch linings (chutes, tanks, pipes, and truck beds), rubber / polyurethane screen decks, rubber castings / moldings, marine fenders, rubber lining, watertight sealing, vehicle anti-rollbar repair / rebuilding.

ELI-FLEX

CONVEYOR BELT & RUBBER REPAIR RESIN

The quick, easy and cost-effective solution to damaged Conveyor Belting. Eli-Flex can also be used to repair pump linings, hose, chute lining, urethane surfaces, OTR tires, and MORE!



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.

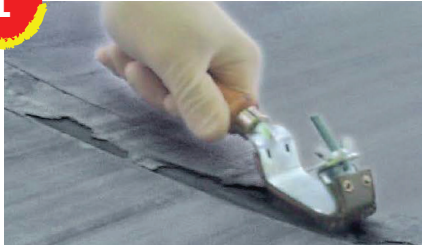
Features:

- ✔ Quick setting
- ✔ Easy application
- ✔ No special tools or training required
- ✔ Excellent flexibility
- ✔ High tear and impact resistance
- ✔ High wear and abrasion resistance
- ✔ Broad spectrum chemical protection
- ✔ Flame retardant
- ✔ Low irritation potential
- ✔ Four kit sizes available to minimize waste

Six Easy Steps to Belt Repair

1

Surface Prep



Trim edges of the repair on a 45° angle.

Prepare the damaged conveyor belt surface by removing loose rubber and grinding the surface. Ensure the surface is clean, roughened and free of dust, oil, grease and moisture.

Only use solvent to clean Asphalt, coal or oil stained belts.

2

Open Repair Kit



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

3

Remove Divider Clip



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.

4

Mix Hardener & 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 lower temperatures, mix for 4-5 minutes.

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.

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.