

**ELI-FLEX**

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**CONVEYOR**

**BELT & RUBBER  
REPAIR RESIN**

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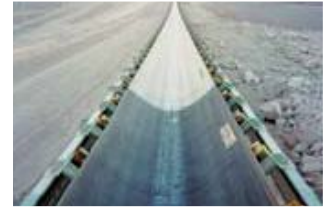
The quick, easy  
& cost-effective  
solution to damaged  
conveyor belting

**Narviflex**<sup>®</sup>  
BELTING



## User Checklist

- ✓ Easy to mix & apply — “Side by side” two-component packaging simplifies handling.
- ✓ Pre-measured twinpack assures proper mix ratio every time.
- ✓ Excellent flexibility, impact resistance and abrasion resistance.
- ✓ High tear propagation resistance.
- ✓ Excellent wear & abrasion withstand.
- ✓ Broad spectrum chemical protection.
- ✓ No special tools or equipment required.
- ✓ Low irritation potential (No protective clothing or special training required).
- ✓ Flame retardant and non-shrinking.
- ✓ Liquid version can be cast or applied by brush, paste version is applied by trowel.
- ✓ Convenient packaging with four kit sizes available.



## WHAT DAMAGE ON CONVEYOR BELTS CAN THIS STUFF FIX

Holes, tears, cuts, splits, gouges, rips, longitudinal / lateral cracks, sidewall repair, worn edges, exposed fabric carcass, exposed steel cables / steel cord, sealing clip joints / fasteners, filler strips, worn lagging patches, fraying or stringing, re-building cleats, chevrons, profiles, etc.



## HOW DOES THIS STUFF WORK



### Step 1

The Conveyor belt or rubber surface must be clean, dry and rough. Use a hand-held belt scratcher, stiff-bristle wire brush or electrical grinding disc (use slowest speed setting).



### Step 2

Open the resin pack by cutting the aluminium foil along the marked lines.

### Step 3

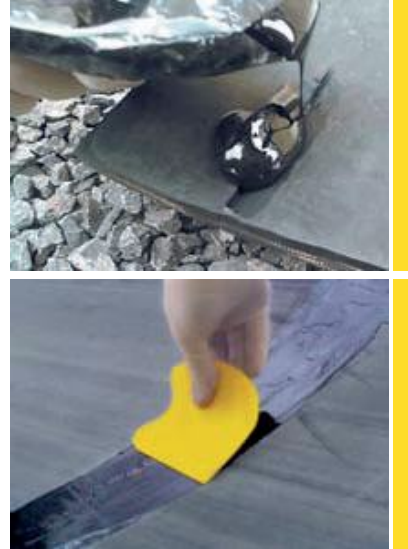
Once the resin pack is out of the foil sleeve, grasp both sides and gently pull apart until the separator pops up.

Carefully slide out the separator and remove the divider clip.



### Step 5

Cut open any corner of the resin pack and squeeze out the resin on to the damaged surface area.



### Step 4

Mix by kneading and squashing the resin pack together until it starts to warm up (3 - 4 minutes).

To ensure a homogeneous resin mix, use the plastic clip to move the resin from the corners of the resin pack towards the centre.

### Step 6

Smooth the resin to the desired level using a flat edged implement e.g. putty knife or Eli-Flex spatula (available on request). Leave to cure (see below for curing times).

2 – 2½ hours	_____	_____	@ 25TC (77TF)
2½ – 3 hours	_____	_____	@ 18TC (65TF)
3 hours	_____	_____	@ 10TC (50TF)
5 hours	_____	_____	@ 5TC (41TF)



## WHAT ELSE CAN I DO WITH THIS STUFF

Off-road tyre repair (quarry vehicles, tractors, diggers, graders, etc.), patch linings in chutes, tanks, pipes, and truck beds, mending rubber / polyurethane screen decks, rubber castings / mouldings, marine fender repairs, rubber lining, watertight sealing, vehicle anti-roll bar repair / rebuilding (buses, trucks etc.).



Clip joint sealing



Anti-roll bar repairs on trucks and buses



Off-road tyre repairs

# ELI-FLEX

## KEY DATA

PROPERTY	RATING	WHY IMPORTANT?
Setting Time @ 25°C (77°F)	25 – 30 minutes	Minimises downtime to 60 minutes @ 25°C (77°F)
Coverage	0,9 m <sup>2</sup> / kg (4,4ft <sup>2</sup> / lb)	Cost efficient coverage
Hardness (24 hrs) @ 25°C (77°F)	Shore A 60-65 for paste Shore A 55-60 for liquid	Tough, yet still flexible even at low temperatures
Tensile Strength	4 N/mm <sup>2</sup> for paste 7 N/mm <sup>2</sup> for liquid	Withstands stretching forces
Elongation	190 % elongation (paste) 195 % elongation (liquid) at breaking point	Will not 'pop' out as belt wraps around pulleys
Tear Resistance	4 N/mm <sup>2</sup> for paste 4 - 5 N/mm <sup>2</sup> for liquid (DIN 53515)	FR909 N60 will resist strong tearing forces



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