

Eli-Flex Paste and Liquid Repair

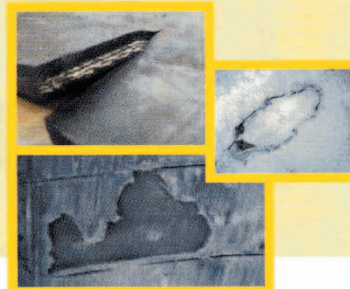
User Checklist

- ✓ 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.

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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 4

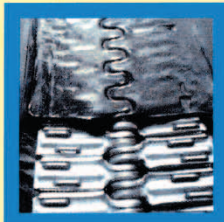
Mix by kneading and squashing the resin pack together until it starts to warm up (3 - 4 minutes).

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



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

Step 5

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



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 - 2 1/2 hours	@ 25°C (77°F)
2 1/2 - 3 hours	@ 18°C (65°F)
3 hours	@ 10°C (50°F)
5 hours	@ 5°C (41°F)

KEY DATA

PROPERTY

Setting Time @ 25°C (77°F)

Coverage

Hardness (24 hrs)
@ 25°C (77°F)

Tensile Strength

Elongation

Tear Resistance

RATING

25 - 30 minutes

0,9 m² / kg (4,4ft² / lb)

Shore A 60-65 for paste
Shore A 55-60 for liquid

4 N/mm² for paste
7 N/mm² for liquid

190 % elongation (paste)
195 % elongation (liquid)
at breaking point

4 N/mm² for paste
4 - 5 N/mm² for liquid
(DIN 53515)

WHY IMPORTANT?

Minimises downtime
to 60 minutes @ 25°C (77°F)

Cost efficient coverage

Tough, yet still flexible even
at low temperatures

Withstands stretching forces

Will not 'pop' out as belt
wraps around pulleys

FR909 N60 will resist strong
tearing forces