

## Key Data Points

### Setting Time @ 77°F (25°C)

15 Minutes

Minimizes downtime to 60 minutes @ 77°F

### Coverage

4.4ft<sup>2</sup> / lb (0.9m<sup>2</sup> / kg)

Cost efficient coverage  
Approximately 30" belt width per 250g kit

### Hardness: After 24hrs (77° F)

Shore A 75-80

Tough, yet still flexible even at  
low temperatures

### Tensile Strength

18N/mm<sup>2</sup>

Withstands stretching forces

### Elongation

550% elongation at braking point

Will not pop out as belt wraps around  
pulleys

### Tear Resistance

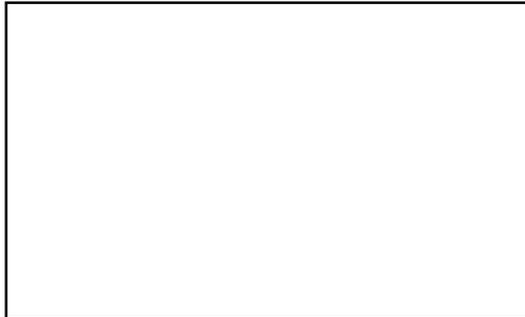
38-40 N/mm<sup>2</sup> (DIN 53515)

FR1510 will resist even the strongest  
tearing forces

## Curing Times

1 hour .....	@ 77° F (25° C)
1.5 hours .....	@ 65° F (18° C)
2 Hours .....	@ 50° F (10° C)
3 Hours .....	@ 41° F (5° C)

For Further Information:



# FR1510

## PROTEKT-A-SPLICE

# ELI-FLEX

Eli-Flex FR1510 Protekt-a-Splice is a revolutionary resin system, formulated to seal gaps and cover conveyor belt mechanical splices.



This versatile compound bonds to metal / steel substrates with excellent strength and adhesion combined with flexibility, tear strength and abrasion resistance.

FR1510 is ideal for sealing clip joints and covering fasteners on rubber and PVC conveyor belts.

### Features:

- ✓ Twin pack mix and delivery system for easy use
- ✓ Quick setting
- ✓ Eliminates spillage and leaking
- ✓ Reduces dust problems
- ✓ Excellent strength and flexibility
- ✓ High tear and abrasion resistance
- ✓ Protects fasteners and cleaning blades from damage
- ✓ Eliminates corrosion or rust problems
- ✓ Minimizes metal-to-metal noise

## Easy Application Steps

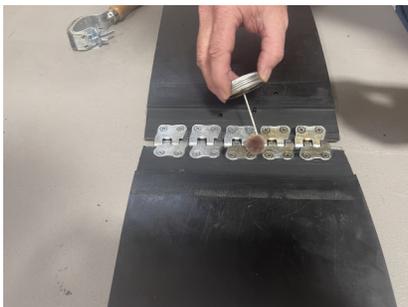
### 1 Surface Prep



When covering belt fasteners, we recommend that the belt is skived back approx. 1 inch on either side and the fasteners are countersunk to leave them flush with the top cover.

Prepare the clip joint or fasteners by roughing with a stiff bristle wire brush. Ensure that there is no rust, grease or dust on the splice. Wipe off fasteners with suitable cleaning solvent e.g. trichloroethylene, acetone.

For covering plate fasteners, we recommend using the supplied metal primer.



### 2 Open FR1510 Kit



Open the resin pack by cutting the aluminum foil along the marked lines. Once the resin pack is out, grasp both sides and gently pull apart until separator pops up.

Carefully slide out the separator and remove the divider clip.

### 3 Mixing



Mix by kneading and squashing the resin pack together until it starts to warm up (2-3 min).

To ensure a homogenous resin mix, use the plastic clip to move the resin from the corners to the center of the pack.

Cut open any corner and squeeze out the FR1510 on to the belt surface.

### 4 Applying Resin



With clip joints, ensure that the FR1510 penetrates through all gaps between the pin and hinges. Use spatula or putty knife.

With fasteners, ensure FR1510 fills all the skived and recessed channels.

Start on one side and work laterally across the splice to avoid trapping air bubbles under the resin.

### 5 Let Set



Once the splice is fully sealed, or the fastener is fully covered, leave to cure for the recommended times before restarting belt operation. (see back of brochure)