



**CHEM TRUST**  
Solutions

**chemFix**  
Rapid Rubber Repair



## **CHEM-Fix Cartridge Kit**

The Chem-Fix cartridge kit is a cost-effective repair system for rips, tears, cuts, gouges and scoring on all types of conveyor belts. The ultra-fast curing polyurethane ensures minimal down time, ensuring production continues in a matter of minutes rather than hours. Our primer offers unrivaled adhesion, which together with superior product elasticity, guarantees that once applied, the repaired area will last as long as the original belt.

Keeping up to date with the most advanced international standards in health and safety, our entire system is completely trichlorethylene free and non-flammable. Furthermore, the cured product is flame retardant.

Our Cartridge kit has a shore A hardness of 60 +/- 5 shore A, being very similar to a conveyor belts hardness, therefore, guarantees the repaired area will never become brittle and remove itself from the belt.

The Chem-Fix cartridge kit is ideal for smaller repairs, as upon completion of a repair the static mixer can be removed and the lid re-applied, for future repairs.

## **Instruction of Use**

1. Prepare and roughen the damaged area to enhance bonding abilities between the conveyor belt and the CHEM-Fix product.
2. Clean the prepared area and remove all loose particles that can contaminate the repair.
3. Apply the cleaning agent to prepare damaged area (Bottle No 1). Make sure that the area is clean and dry before going to the next step.
4. Once the repair surface is clean and dry, apply the primer to the repair area. (Bottle No 2 Part A and B, pour bottle No. 2B into bottle No. 2A and shake for 30 seconds). The curing time for the primer will differ depending on the environmental temperature. A warm day will speed up the process, while a cold day will slow down the process. Therefore, allow enough time in order for the primer to cure. Test the primed service by checking if it is touch dry. (The surface will be very sticky, leaving a touch print but not adhering to your glove.)
5. Always make sure that part A and part B in the cartridge is liquid. The air bubble inside the clear part should be able to move up and down freely. This liquid state can be achieved when the cartridge is slightly warmed up on a cold day.

6. Insert the 2-part cartridge into the dispensing gun. Remove the tip and dispense a small quantity to make sure that both parts exit the cartridge equally, ensuring that a perfect 1:1 ratio mix will be achieved when dispensing thru the static mixer.
7. Fill the damaged area with CHEM-Fix and allow 30 min to cure. (30 min for Cartridge Kit)
8. Remove excess repair material to prevent nipping points from your repair.

## Physical Properties

Hardness	70 (+-5) Shore A
Tensile Strength	7 MPa
Elongation	640 %
Abrasion Resistance	73.9 mm <sup>3</sup>
Cure Time (Belt Available)	45 min
Application method	1:1 Ratio Cartridge

Each CHEM-Fix Cartridge Kit contains the following:

- 600ml 1:1 Cartridge
- 100ml Cleaning Agent (No. 1)
- 100ml Primer (No. 2A and B)
- 2 x Static Mixers
- 1 x Paint Brush
- 1 x Spatula
- 1 x Set of Gloves

## Precautions

Harmful if swallowed or contact with skin. Causes serious eye irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction. May cause damage to organs through prolonged or repeated exposure.

Please refer to the product MSDS certification on our website for further information.

