chemFix
RAPID RUBBER REPAIR

PROFESSIONAL INDUSTRIAL GRADE

CHEM-Fix Cartridge Kit

High-Performance Conveyor Belt Elastomer



The **CHEM-Fix Cartridge Kit** is a cost-effective, ultra-fast curing repair solution designed for all types of rubber conveyor belts. By allowing rapid on-site repairs, it minimizes operational downtime and ensures your production line is back running in minutes instead of hours.

Trichloroethylene-Free | Flame Retardant

Kit Contents

- 600ml Dual Cartridge (1:1 Ratio)
- 100ml Heavy-Duty Cleaning Agent (No. 1)
- 100ml High-Adhesion Primer (No. 2)
- 2 x High-Efficiency Static Mixers
- 1 x Application Paint Brush
- 1 x Ergonomic Spatula Spreader
- 1 x Set of Protective Nitrile Gloves

Physical Properties

Property	Value
Hardness	60 ±5 Shore A
Tensile Strength	7.0 MPa
Elongation at Break	640 %
Abrasion Resistance	73.9 mm^3
Cure Time (Belt Operational)	45 minutes @ 20°C
Application Method	1:1 Ratio Cartridge

Instructions for Use

01 Roughen Surface

Prepare and roughen the damaged area using a wire brush or grinding tool to enhance bonding abilities between the conveyor belt rubber and the CHEM-Fix product.

02 Clean Area

Thoroughly clean the prepared area and remove all dust, loose particles, and debris that could contaminate the repair zone.

03 Apply Cleaner (No. 1)

Apply the cleaning agent from **Bottle No. 1** to degrease and prepare the damaged area. Ensure the surface is completely clean and dry before proceeding.

04 Apply Primer (No. 2)

Apply a thin, even coat of the primer from **Bottle No. 2**. Let the primer cure until it is touch-dry (the surface will feel very sticky but will not transfer to a clean glove).

05 Check Cartridge Liquid

Ensure parts A and B in the cartridge are completely liquid. Tilt the cartridge to confirm the internal air bubbles move freely. (Warm gently in warm water on cold days if needed).

06 Equilibrate & Mix

Insert the cartridge into the dispensing gun. Dispense a tiny amount to ensure both parts exit equally, then attach the static mixer for a perfect 1:1 homogeneous mix.

07 Fill & Cure

Fill the damaged area with the mixed CHEM-Fix compound. Allow 30 minutes for initial cure, and 45 minutes for full mechanical load availability.

08 Remove Excess

Remove any excess repair material using the spatula to ensure a smooth, flush surface, preventing belt nipping points or mechanical scraper issues.

Safety Precautions



Harmful if swallowed or in 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. Always consult the Safety Data Sheet (SDS) before use.

Scan for full MSDS/SDS sheets & reports.

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