

CONVEYOR BELT REPAIR COMPOUND

The repair kit is suitable for the quick repair of holes, scratches, longitudinal cut, edge damage and joint openings in all types of rubber conveyor belts. It is a two component, fast curing, solid polyurethane conveyor belt repair kit. It is used for repairing holes, tears in steel cord & fabric conveyor belt. After curing it offers super adhesion strength, excellent abrasion & tear resistance which matches the hardness of the rubber belt thus increasing the life of the belt with minimal down time.

CONVEYOR BELT REPAIR COMPOUND CONSISTS OF :

- Part A- 350 Gms
- Part B- 100 Gms
- Cleaning Solution- 40 Gms
- Solid Powder- 2g

PRODUCT SPECIFICATION (AFTER CURING)

- Hardness : 65 shore A
- Tensile strength : ≥ 5.5 Mpa
- Peel strength : Canvas belt ≥ 5 KN/M, rubber belt ≥ 6 KN/M
- Elongation at break : 400%
- Operating temperature : Max 80°C

SURFACE PREPARATION

- Place the area to be repaired in a horizontal position. Clean the area of any dirt or carrying material.
- Use a hand held buffing machine to buff the surface to be repaired.
- Clean the repair surface with a clean brush and ensure all rubber dust from buffing is removal.
- Seal any holes with adhesive tape to avoid leakage.

APPLICATION OF CLEANING SOLUTION

- Open the packet of solid powder and insert contents into the bottle marked cleaning solution.
- Shake vigorously for a few seconds and then pour a small quantity onto the belt surface. Brush over the entire surface to be repaired.
- Wait until the entire surface is dry.

MIXING PROCEDURE

- Pour the contents of the bottle marked Part B completely into the bottle marked Part A.
- Immediately stir well for 30-60 seconds.
- After stirring or, when the can starts to warm up, pour the solution onto the repair area as soon as possible, especially when the ambient temperature is higher than 20°C.

SURFACE FINISHING

- After pouring, smooth and level the surface using a scraper. Ensure it is the same level as the parent belt.
- Allow the solution to dry completely. Depending on the temperature it may take a few hours.
- Once the surface has hardened, the belt can be put back in to operation.

SPECIAL CONDITIONS

- When the temperature is below 0°C, a halogen lamp should be used to heat the surface of the solution.
- Be sure to stir well to ensure complete curing of the material.
- Once opened, Part A and Part B must be used immediately.
- Contents cannot be stored for later use.
- This products is non-flammable.
- Material must be stored in a cool dry place.

CURING TIME BASED ON AMBIENT TEMPERATURE

Temperature (°C)	10	15	20	25	30
Time (hours)	4	3	1.5	0.8	0.3

SHELF LIFE : 12 months from the date of manufacturing



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