

LOCTITE®

Fixmaster® Urethanes & Belt Repair

Anti-Seize

Cleaners

Epoxies

Flooring

Hand Cleaners

Wearing Compounds

Fixmaster Urethanes

- Rapid Rubber Repair
- Flex 80 Urethanes
- Instant Belt Repair



Fixmaster® Urethanes

Fixmaster® urethanes are two component repair materials that can be troweled, cast or brush-applied to rebuild or protect processing equipment. With tough, rubber-like properties, they protect critical operating equipment from impact, abrasion, and corrosion. They are designed to repair conveyor belts and other damaged rubber equipment quickly and easily. Fixmaster urethanes are non-shrinking, have excellent weatherability, and are unaffected by oil, grease, and water.

Technical Tips for Working with Urethanes

Working time and cure time depends on temperature and mass:

- the higher the temperature, the faster the cure
- the larger the mass of material mixed, the faster the cure

To speed the cure of urethanes at low temperatures:

- store urethane at room temperature
- pre-heat repair surface until warm to the touch

To slow the cure of urethanes at high temperatures:

- mix urethane in small masses to prevent rapid curing
- cool resin/hardener components

RAPID RUBBER REPAIR –

Our premium quality belt repair product is an extremely tough urethane, designed to form a repaired area that matches the belt in durability and flexibility. This product is waterproof, has excellent elongation, and won't fracture under most stresses. The cartridge is also available in a kit with an etching agent, cleaner, mixers, and brushes.

Applications:

- Repair conveyor belts
- repair or rebuild rubber liners in mills, pumps, feeder bowls, hoppers, chutes, and fans
- repair cast urethane screens and liners
- form tough, flexible bonds to metal, rubber, and masonry parts



FLEX 80 PUTTY –

This trowelable urethane rebuilds and repairs rubber parts and linings. It provides impact, abrasion, and corrosion resistant protection to processing and pneumatic conveying equipment.

Applications:

- pipe elbows
- pump liners
- couplings
- pulleys
- rubber and urethane parts or sheeting
- conveyor belts



FLEX 80 LIQUID –

This pourable version of Flex 80 Putty is designed for casting rubber-like parts, forming expansion joints, and non-scratching holding fixtures.

Applications:

- cast wear parts
- repair rubber or urethane parts
- make flexible fixtures
- make vibration and isolation pads
- coat pumps and impellers



FLEX BRUSHABLE –

Form abrasion and impact-resistant linings by brushing on this coating. It is ideal for protecting feeder bowls, chutes, and pump impellers.

Applications:

- repairing and protecting impellers, pumps, and cyclones
- coating tanks, chutes, hoppers, and conveyor rollers
- repairing small cuts, scrapes, or gouges in conveyor belts



ACCESSORY PRODUCTS –

Proper surface preparation is critical to the performance of urethanes. Use the recommended accessory products with Flex Urethanes and Rapid Rubber Repair to ensure maximum adhesion and product reliability.

ACCESSORIES CHART

PRODUCT	Item Number	Container	Coverage	Color
Flex Rubber Primer Promotes adhesion to rubber and flexible parts	98468	2.4 fl. oz. can	Approx. 1 can of each product for 2 lbs. of urethane	Clear
Flex Metal Primer Promotes adhesion to metal parts	98471	3.3 fl. oz. can		Clear
Etching Agent Enhances bonds to rubber	99626	3 fl. oz. bottle		Clear
Flex Accelerator Speeds the cure of Flex urethanes	97273	3.5 fl. oz. can		Clear
Flex Cleaner Cleans and primes surfaces	39636	4 fl. oz. can	N/A	Clear

INSTANT BELT REPAIR –

Make fast, temporary belt repairs with this single component, heat-applied repair material. Applied in minutes, it provides convenient temporary repair of cuts and gouges in most types of conveyor belts and components. It requires no priming and most applications are back in service in less than 30 minutes.

Applications:

- repairs gouges, cuts, and edges
- resurfaces worn coverings
- fills holes



FLEX CONVEYOR BELT REPAIR –

This kit makes long-lasting, durable repairs to conveyor belts and other rubber parts. The kit contains Flex 80 Putty, cleaner and primer. It is recommended for applications where speed of cure is not critical.

Applications:

- repairs gouges, cuts, and edges on all types of conveyor belts
- resurfaces worn coverings
- protects and covers mechanical splices
- repairs holes



PROPERTIES CHART

PRODUCT	Item Number	Container	Coverage, in. ² @ 1/4" thickness	Color	Maximum operating temperature, °F	Adhesive tensile strength, psi	% Elongation	Hardness (Shore A)	Working time, minutes	Functional cure, hours	Mix ratio by volume, r:h	Mix ratio by weight, r:h
Rapid Rubber Repair Urethane	96673 96671	Kit 400 ml cartridge	88	Black	180	1,300	360	82	1	2	1:1	N/A
Instant Belt Repair	97033	1 lb.	115	Yellow	150	175	650	65	N/A	30 min.	N/A	N/A
Flex Conveyor Belt Repair Kit	98693	1 lb. kit	94	Black	180	1,500	350	87	10	8	100:40	72:28
Flex Brushable	97401	1 lb. kit	2160 @ 20 mls.	Black	180	2,200	140	96	10	6	8.4:1	9:1
Flex 80 Liquid	97413 97412	1 lb. kit 6 lb. kit	27 in. ³ 162 in. ³	Black	180	1,800	350	87	20	8	100:13.3	77:23
Flex 80 Putty	97423 97422	1 lb. kit 6 lb. kit	94 564	Black	180	1,500	350	87	10	8	100:40	72:28
Rapid Rubber Repair Gun	39635	Required for use with 400 ml Rapid Rubber Repair Urethane										
Rapid Rubber Repair Static Mixers	39633	Packaged 6/bag - for mixing and dispensing Rapid Rubber Repair Urethane in 400 ml cartridge										

Properties based on mixing one lb. unit at 77°F, 7 days cure.

APPLICATION SELECTION GUIDE

PRODUCT	Casting molds, fixtures, parts	Conveyor belt repair: long term	Conveyor belt repair: temporary	Coating impellers, feeder bowls	Chutes, hoppers, deflection plates	Rebuilding rubber parts	Lining pumps	Forming expansion joints
Rapid Rubber Repair Urethane		●					●	●
Instant Belt Repair			●					
Flex Conveyor Belt Repair		●						
Flex Brushable				●	●	●	●	
Flex 80 Liquid	●			●				●
Flex 80 Putty	●				●	●	●	

● Preferred Choice ● Good Choice

Distributed by:

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