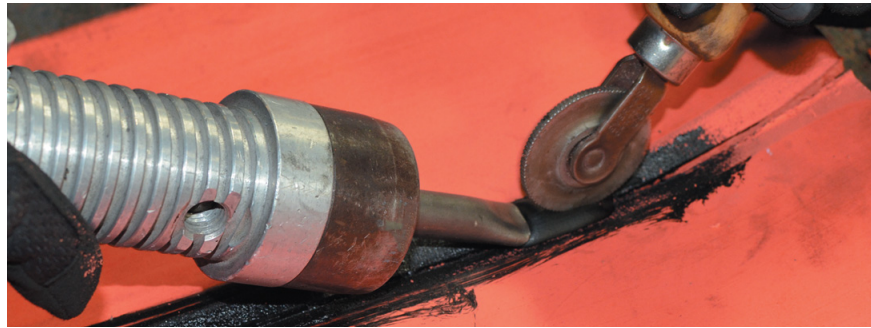




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REMA TIP TOP  
Repair Materials

# REMA TIP TOP

## Repair Materials

	TYPE OF INJURY				
	Small Rubber Damage	Large Rubber Damage	Severe/Carcass Damage	Longitudinal Rubber Damage	Longitudinal Steel and Fabrics tears
RG 7000	✓	✓	✓	✓	✓
REMA GOO	✓	✓	✓	✓	✓
A & B Compound	✓	✓	✓		
T2		✓	✓	✓	✓
Round Patches	✓				
Diamond Patches		✓			
Diamond Patches with fabric			✓		
Rectangular Patches		✓			
Rectangular Patches with fabric			✓	✓	✓
Repair Strips				✓	
Repair Strips with fabric					✓

## REMA TIP TOP

### Repair Materials

#### RG 7000 - Conveyor Belting / Rubber Repair Material Kit

REMA RG 7000 is a urethane based rubber repair product with a fast set time and 1 hour functional cure, reducing the amount of time required to make the repair.

##### REMA TIP TOP'S Newest Belt Repair Material

- REMA TIP TOP RG 7000 is a versatile, fast drying rubber repair material
- Highly flexible with strong adhesions to prevent failures
- Doesn't gum up or melt during buffing at low speeds
- Made in USA

##### Key Advantages

- Durable, long lasting belt repair
- Functional cure in 1 hour
- Primer has open working window after flash-off, up to 4 hours
- Apply to vertical or horizontal surfaces
- Moderate oil & solvent resistance
- Fast set time makes installation on incline and vertical surfaces easy
- Can be used with belt scrapers
- May add uncoated breaker fabric in damage area for reinforcement, if desired
- Can be installed over metal fasteners with PR 200
- Available in 2 sizes; 300g kit & 750g kit

##### Can be applied to:

- SBR Belt, Urethane Belt, PVC Belt
- Sheet Metal
- Wood
- MOR Belt
- Grain Belt
- EPDM (most manufacturers)
- MSHA Belt
- RMV Belt
- REMALINE Natural Rubber Skirting

##### Kit Contents

- Resin, Solvent, Primer, Hardener
- Stir Stick, Gloves, Brush, Spatula, Rag



##### Characteristics:

- Can be buffed after 1 hour
- Can be put back in operation after 1 hour
- Self leveling on horizontal surfaces
- Flexible to allow movement with rubber substrate
- Pot time of 2-3 mins minimizes need to work material for extended period of time
- TYPICAL APPLICATIONS:
- Conveyor belt repairs
- Rubber lining repairs

##### Technical Data

Hardness	85 ± 5 Shore A	300% Modulus	1945 psi
Tensile	4135 psi	Adhesion @ 7 days	Rubber fails prior to adhesion failure
Elongation	525%	Abrasion Resistance	117.6 mg lost @ 1000 revs
100% Modulus:	1438 psi	Tear Resistance	502 ppi
Coverage	750g - 144 sq inches (12" x 12") at 1/4" deep. 300g - 56 sq inches (8" x 7") at 1/4" deep.		
Storage	Store at room temperature. RG 7000 will turn to gel when stored in temperatures below 32°F; to correct, place in room temperature environment and allow to come back to temperature gradually.		
Temperature	Not for high heat applications Reduction of physical properties begins to occur at 212°F		
	Moderate oil & solvent resistance No loss of physical properties when exposed to water under 150°F		
Available Sizes	Item #101040054 (300g kit); Item #101040044 (750g kit)		

# REMA TIP TOP

## Repair Materials

### REMA GOO - Exclusively from REMA TIP TOP/North America, Inc.

REMA GOO is designed to be a high performance conveyor belt repair product that allows you to fix your belt in less than an hour. (Note: repair times are dependent on cure temperatures.)

#### Product Description

- Patented fast setting two-component polyurethane. It is packaged as 1:1 ratio liquids in a dual cartridge.

#### Intended Use

- REMA GOO is used as an abrasion resistant conveyor belt repair material.

#### Key Advantages

- Long Lasting Performance
- Fast On-Site Repairs
- Easy to Apply
- Lower Unit Cost

#### Fast On-Site Repairs

- The most common types of conveyor belt damage which are cuts, gouges and small holes can be completely repaired with minimal system downtime.
- No hand mixing of material is required. The REMA GOO is applied by using the REMA GUN Manual Dispenser.

#### Easy To Apply

- REMA GOO comes in a twin tube cartridge and is dispensed with a heavy duty REMA GUN. Once the damaged area has been prepared and cleaned, just remove the cap, slip the REMA GOO cartridge into the gun, put on the mixing tip and simply fill the repair.

#### Long Lasting Performance

- REMA GOO Flexible Conveyor Belt Repair Material is formulated to last long.
- REMA GOO is a 100% solids polyurethane formulation which meets VOC regulations. It does not post harden and will remain flexible. It also resists shrinking after application and exhibits good UV resistance.
- REMA GOO's flexible formulation reduces the chance of bond failure at edges of repair caused by rounding over conveyor pulleys.
- REMA GOO cures to a softer 60 ( $\pm 5$ ) Shore A Durometer which allows the repair to wear at a rate similar to that of the conveyor belt covers.
- REMA GOO exhibits excellent adhesions to conveyor belt.

#### Lower Cost

- REMA GOO is more material for the money compared to many of the leading repair materials in its class.
- Not only is there "More GOO for the Buck", but there is very little waste. You can use only what you need for your repair and save the rest for your next repair.
- REMA GOO can also be used over mechanical fasteners with the proper preparation.



#### Working and Cured Properties

Test	Conditions	Test Method	Properties
Cured Appearance	77 °F	PEC	Glossy Black
Mixture Viscosity	77 °F	Brookfield HBDV-III/CP52	118,000 cps
Working Life	77 °F @ 1/16" thick	PEC	2 – 4 minutes
Tack Free Time	77 °F @ 1/16" thick	PEC	< 4 hours
Cure Time	77 °F; 167 °F; 212 °F	PEC	24 hours; 1 hour; 30 minutes
% Elongation	1 hour @ 167 °F; 4 hours @ 77 °F; 24 hours @ 77 °F	ASTM D638-91	> 500%
Hardness	1 hour @ 167 °F; 4 hours @ 77 °F; 24 hours @ 77 °F	ASTM D2240-91	60 Shore A
Lap shear strength on SBR conveyor belt. Slightly ground & cleaned with solvent.	4 hours @ 77 °F; 24 hours @ 77 °F	ASTM D1002-94	103 psi; 144 psi
Peel Strength on SBR	24 hours @ 77 °F	PEC	33 pli (substrate failure)
Tensile Strength	24 hours @ 77 °F	ASTM D638-91	968 psi
Temperature Range	Continuous	PEC	- 40 °C to + 121 °C (- 40 °F to + 250 °F)
Shelf Life	Unopened @ 64 °F - 84 °F; Opened @ 64 °F - 84 °F	PEC; PEC	1 year; 30 days

Note: Using heat to cure this product substantially increases bond strengths.

This data is offered in good faith as typical values and not as a product specification. **NO WARRANTY, EITHER EXPRESSED OR IMPLIED IS HEREBY MADE.** The recommended industrial hygiene and safe handling procedures are believed to be generally acceptable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

### T2 SYSTEM

The T2 system's main component is the Extruder gun. It is custom designed to mix the A&B compounds, which starts the vulcanization process. Ideal for rubber repairs in abusive, heavy applications.

#### Characteristics

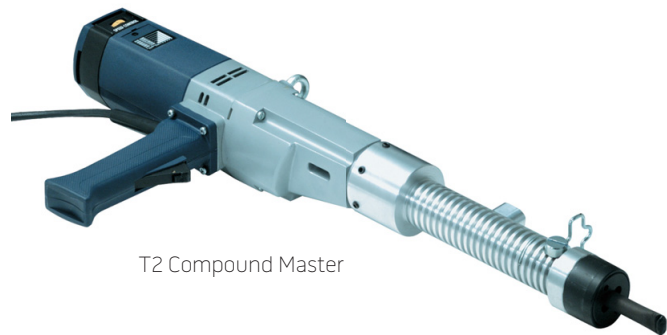
- High initial elasticity
- Quick vulcanization
- Consistent technical properties
- Good abrasion resistance

#### Advantages

- Short application time
- No need for heavy vulcanizing equipment
- Easy handling of the tools
- Easy application on site, tools easy to transport
- No waiting time after repair, equipment quickly back into operation
- Downtime is reduced
- Economical repair method

#### Typical Applications

- Repair of rubber cover damage and longitudinal tears in conveyor belts
- Repairs to seals (e.g. loading hatch seals on ships)
- Filling joints in rubber linings
- Filling v-type joints in drum laggings
- Cosmetic repair to rubber components



T2 Compound Master

### T2 COMPOUND MASTER Extruder Gun

The T2 compound master extruder gun is a compact hand extruder for efficient and easy application of uncured T2 compound on-site and in the workshop.

#### Characteristics

- Easy material feed
- Optimum homogenization through integrated mixing chamber
- Feeder worm specifically designed for heating up, compressing and mixing T2 compound
- Self-cooling aluminum main body (easy to demount)
- Quick change nozzle for shaping the extruded rubber
- Shoulder strap (detachable) for easier handling
- Output: approx. 150 g/min
- Strong AC drive unit, 230V/1600W or 115V/1600W



T2 Compound Master

#### T2 COMPOUND MATERIALS

##### T2 Compound A + B

- The two-compound elastomer material is mixed and activated in the extruder gun, self-vulcanizing at an ambient temperature of at least 65°F. There is no need for additional hot-vulcanizing equipment.

##### T2 Solution A + B

- Two-component adhesive rubber solution for the preparation of the already buffed repair area.

##### T2 Cleaning Rubber

- Non-vulcanizing elastomer for cleaning and warming up the T2 Compound Master extruder gun.



T2 Compound A

T2 Compound B

T2 Solution A

T2 Solution B

T2 Cleaning Rubber

## REMA TIP TOP

### Repair Materials

REMA TIP TOP A & B Compound is a specially formulated, two part rubber compound system for filling rubber damage, joints and voids. A & B Compound is a self-vulcanizing compound that is activated when the two components are mixed together.

#### Product Advantages

- Easy application
- Suitable for chemical (Cold) applications in temperatures above 59°F (15°C)
- Does not require any special vulcanization equipment
- Optimum adhesion for all fields of application
- No special tools required, mixes in your hands
- Use only as much as you need and save the rest for later!

#### A&B Compound is your self-vulcanizing repair system

- Two-component system
- Ideal for fixing small flaws and damage
- Compatible with NR, SBR, IR and BR (or blends of these elastomers)
- Processed with SC-BL Cement (Included in kit)
- Available in two sizes 300g and 650g
- When mixed together and applied to area prepped with SC-BL Cement, the A&B Compound will self-vulcanize until cured.



#### Technical Data

Shelf Life	2 years from date of manufacture
Storage	Store in a dark, moisture free environment, away from direct sunlight Protect from freezing If product is stored below 32° F (0° C), allow the container to warm up for at least 24 hours at 70° F minimum prior to use Comply with all local, state, and federal regulations
Drying Time	Usually 10 to 45 minutes (drying time depends on atmospheric conditions, and may be longer in cold, humid areas).
Cure Time/ Hardness	After 24 hours @ 77° F (25° C) ~ 35 Shore "A" After 48 hours @ 77° F (25° C) ~ 55 Shore "A" NOTE: Avoid temperatures > 104° F (40° C) during vulcanization
Wait time for returning to service	At least 24 hours at a minimum temperature of 60° F (15° C)
Additional Info	NEVER allow mixed compounds to sit for more than 4 hours before use Apply only product that has been mixed in a ratio of 1:1 (Compound A : Compound B) Never store Compounds A & B in the same container
Available Sizes	50F (650g can of A compound, 650g can of B compound, 1 can Special Cement BL (CFC Free), 225g) 51F (300g can of A compound, 300g can of B compound, 1 can Special Cement BL (CFC Free), 40g)

## REMA TIP TOP

### Repair Materials

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REMA TIP TOP patches feature a feather edge to ensure they can stretch evenly in all directions, resulting in a perfect bond and seamless repair. To select the best patch, use the size and shape of the damage area to determine which patch would best cover the damage with a 2-3" shoulder around all edges to provide a good surface area for bonding.

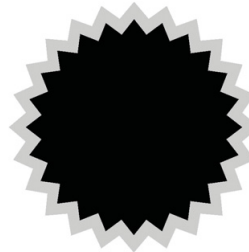
To select the best patch, use the size and shape of the damaged area to determine which patch would cover the damage with a 1/4" shoulder around the damaged area.

#### Round Patches

For the repair of small damaged areas in belt covers.

- Use with any SC Cement
- CN bonding layer backing ensures a strong, durable bond
- Hardness: 64 Shore A

Available sizes: CN21 (3 1/4" dia.), CN23 (4 3/4" dia.)



Round patch

#### Diamond Patches

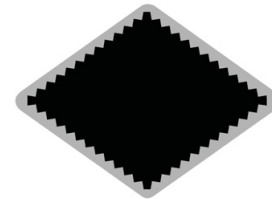
For the repair of large damaged areas in belt covers.

- Available with fabric reinforcement for damage that includes the ply
- Use with any SC Cement
- CN bonding layer backing ensures a strong, durable bond

Available sizes:

**Non-Reinforced:** CN1 (6" x 5"), CN2 (10" x 8"), CN3 (14" x 10")

**Fabric Reinforced (EP160):** 5305511 (6" x 5"), 5305528 (10" x 8"), 5305535 (14" x 10")



Diamond patch

#### Rectangular patches

For the repair of damaged belt covers.

- Use with any SC Cement
- CN bonding layer backing ensures a strong, durable bond

Available sizes:

CN26 (4" x 43"), CN30 (6" x 43"), CN31 (9" x 43"), CN32 (12" x 43"), CN33 (16" x 43")



Rectangular patch

#### Repair strip

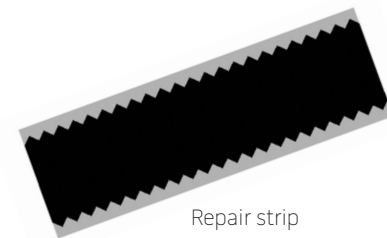
For the repair of longitudinal belt cover damage.

- Available with fabric reinforcement for damage that includes the ply
- Cut to length
- Available with EP 160 fabric reinforcement
- Available in speciality compounds
  - Repair strip V: Self-extinguishing, antistatic and moderate oil resistance (Special order only)
- Add additional strips for layer repairs
- Use with any SC Cement
- CN bonding layer backing ensures a strong, durable bond

Available sizes:

**Non-Reinforced:** CN66 (splice cover strip) (4" x 33'), CN50 (2" x 33'), CN60 (3" x 33'), CN66/REPAIR (4" x 33'), CN70 (6" x 33'), CN80 (9" x 33'), 5317767 (12" x 33')

**Fabric Reinforced (EP160):** 5315738 (4" x 33'), 5315745 (6" x 33'), 5315752 (9" x 33'), 5315769 (12" x 33')



Repair strip

Additional sizes available as special order.

## REMA TIP TOP Product & Solutions

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### CONVEYING SOLUTIONS

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#### Pulley Lagging

- PERFORMANCE GRIP 70
- REMAGRIP
- REMAGRIP Ceramic Lagging
- UNIGRIP
- UNILAG
- T-REX

#### Belt Cleaners

- REMACLEAN - T-Bar Scrapers
- REMACLEAN - Green Combi
- REMACLEAN - Grey Combi
- REMACLEAN - Cleaning Brush

#### Skirting

- REMASKIRT
- Combi-Skirt
- T-REX
- UNISKIRT

#### Repair Products

- Repair Patches
- Repair Strips
- REMA GOO
- RG 7000
- T2 Repair System

#### Other

- Conveyor Belting
- REMACLEAT
- Edge Wall
- Impact Slider Bed Bars
- REMAMILL
- REMASCREEN

#### Rollers & Pulleys

- REMASLEEVE
- REMAROLL
- REMATRACK

### WEAR & CORROSION PROTECTION

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#### Wear Protection Lining

- REMA Performance Line
- REMALINE
- REMASTAR
- UNILINE
- REMATHAN
- T-REX

#### Rubber Linings

- CHEMOLINE
- CHEMONIT

#### Heavy Wear Protection

- REMALOX
- REMALOX HD
- KG Bars
- ZP Profile Bars
- REMA WEAR Repair

#### Anticaking

- REMAFLOX
- REMALEN
- REMASLIDE

#### Corrosion Coatings & Linings

- COROFLAKE
- COROGARD
- COROFLOOR
- TOPLINE
- RCC LININGS
- COROFLEX

#### Material Handling Hose

- Fixed Flange
- Split or Swivel Flange
- Cut End Hose

### ADHESIVES & SOLUTIONS

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#### Cements & Adhesives

- SC 2000 Black / White
- SC 4000 Black / White
- BC 3004 Blue Cement
- PC-4 Plastic Cement

#### Solutions

- PR 200 Metal Primer
- #13 Cleaning Solvent
- R50 Cleaning Solvent
- TIP TOP Hand Cleaner
- A&B Vulc Compound

#### Splice Kits

- Hot Splice Kits
- MSHA Splice Kits
- WK Press and Splice Material
- Filler Rubber
- CN Bonding Rubber

### TOOLS & REPAIR

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#### Tools

- Rubber Cut Saw
- Extruder Gun
- Vulcanizing Presses
- Combi Stripper
- Grooving Tool

#### Other

- REMAWRAP Pipe Repair
- OTR Tire Patches



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REMA TIP TOP/North America, Inc.  
1500 Industrial Blvd.  
Madison, GA 30650  
Phone: 800.334.REMA (7362)  
706.752.4000  
Fax: 706.752.4015  
[www.remamtip.com](http://www.remamtip.com)