



# Technical Data Sheet

## REMA TIP TOP RAD 100 SERIES REPAIRS

TDS #: RTTNA – 019

Rev. # 1

Rev. Date: 4/14/2009

**PART NUMBERS:**

RAD-110, RAD-112, RAD-114, RAD-115, RAD-120,  
RAD-122, RAD-124, RAD-126, RAD-128, RAD-135,  
RAD-140, RAD-142, RAD-144, RAD-146, RAD-150,  
RAD-152, RAD-155, RAD-156, RAD-160, RAD-162,  
RAD-165, RAD-168, RAD-175, RAD-180, RAD-182,  
RAD-184, RAD-186, RAD-188, RAD-190

**CONTAINERS/PACKAGING:**

<u>Part #</u>	<u>Box Qty.</u>	<u>Case Qty.</u>
RAD-110	20	154 Boxes
RAD-112	20	154 Boxes
RAD-114	10	108 Boxes
RAD-115	10	70 Boxes
RAD-120	10	90 Boxes
RAD-122	10	54 Boxes
RAD-124	10	49 Boxes
RAD-125	10	48 Boxes
RAD-126	10	32 Boxes
RAD-128	10	26 Boxes
RAD-135	10	26 Boxes
RAD-140	10	30 Boxes
RAD-142	10	16 Boxes
RAD-144	10	12 Boxes
RAD-146	5	10 Boxes
RAD-150	5	
RAD-152	3	
RAD-155	5	
RAD-156	5	12 Boxes
RAD-160	3	
RAD-162	1	
RAD-165	3	
RAD-168	1	30 Boxes
RAD-175	1	
RAD-180	5	46 Boxes
RAD-182	5	24 Boxes
RAD-184	5	20 Boxes
RAD-185	1	
RAD-186	5	15 Boxes
RAD-188	5	
RAD-190	5	



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**UNIT SIZE & INJURY:**

Refer to the appropriate Rema Tip Top Repair Chart to determine size, number of reinforcing plies, and maximum injury size for each individual repair unit

**FIELD OF APPLICATION:**

Rema Tip Top RAD-100 Series Repairs are suitable for section repairs to all Passenger, Light Truck, Medium Truck, and Off-The-Road (OTR) Radial construction tires. RAD-146 and larger sizes are for OTR repair only. They are capable of use in either a Chemical (Cold) or Hot vulcanizing process.

**NOTE:** Consult the tire manufacturer for specific repair limitations based on the speed rating of the tire.

**PRODUCT ADVANTAGES:**

Can be installed in either Chemical (Cold) or Hot vulcanization systems.  
Uses the Rema Blue Bonding System to assure optimum bond between the tire and repair unit.  
Reinforced with rayon tire cord, compatible with the dynamic reaction of radial tires.  
Long shelf life.  
Air tight top layer of rubber minimizes the migration of air through the repair unit.  
Cord ends protected by a special rubber compound to alleviate flex-cracking of the repair in severe use conditions  
Construction reduces radial bulge and repair unit dimpling  
Can be “floated” using Rema Tip Top SV Blue Cushion Gum for Chemical (Cold) vulcanization or MTR Cushion Gum in Hot vulcanization systems

**INSTRUCTIONS FOR USE:**

Refer to the Rema Tip Top Passenger and Truck Nailhole Repair and the OTR Repair Manual.  
Detailed installation instructions are provided in the package for RAD-146 and smaller sizes.  
Refer to the OTR Repair Manual for RAD-150 and larger sizes

**SAFETY INSTRUCTIONS:**

Always wear appropriate safety eyewear when repairing tires  
Install only with RTT Special Blue Cement, Special Blue Cement – CFC Free, or OTR Special Blue Cement for Chemical (Cold) vulcanization or MTR Solution for Hot vulcanization.



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Use good personal hygiene practices when handling any tire repair materials

**SHELF LIFE:**

Five (5) years

**RECOMMENDED STORAGE CONDITIONS:**

Store in a cool, dry place away from direct sunlight  
Always store in the protective packaging provided to prevent contamination from oil, grease, dirt, or other contaminants.

**WAIT TIME for RETURNING TIRE TO SERVICE:**

For cold vulcanization of repairs, 24 hours at a minimum temperature of 64° F (18° C) is recommended  
For hot vulcanization of repairs, allow the repaired area to cool to ambient temperature

**ADDITIONAL INFO:**

Different retread and repair processing systems may require a different application of products. Consult a Rema Tip Top representative to assure optimum results in your system.

**NOTICE:** REMA TIP TOP / NORTH AMERICA believes that the information contained on this data sheet is accurate. It is based on extensive tests and represents standard values. However, it may not contain information on all confirmed properties. REMA TIP TOP / North America reserves the right to carry out improvements and technical development to this product at its discretion. For detailed application instructions, always refer to the appropriate Rema Tip Top Instruction Manuals and/or Repair Instruction CD's. The suggested procedures are based on experience as of the date of publication. They are not necessarily all-inclusive, nor fully adequate in every circumstance. Also, the suggestions should not be confused with nor followed in violation of applicable laws, regulations, rules or insurance requirements.

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