

## ● TYRE REPAIR AND RETREADING



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# TYRE REPAIR AND RETREADING

## Repair Kits

### Camping Repair Kit

Ref. No.	Description
5525683	Camping Repair Kit – CAMPLAST MAXI

- Includes:**
- 3 patches Ø approx. 35 mm
  - 3 patches Ø approx. 45 mm
  - 3 patches approx. 73 x 38 mm
  - 1 repair strip approx. 75 x 300 mm
  - 4 CAMPLAST cement 6g tube
  - 1 emery paper
  - instruction manual



5525683

### Tube and Tyre Repair Kits

Ref. No.	Description
5060308	Tube Repair kit TT 11  

- Includes:**
- 6 Patches size 0
  - 1 Patch size 7
  - 1 Tube of SVS solution 5 g
  - 1 Emery paper
  - Instruction manual



5060308

Ref. No.	Description
5060518	Tube Repair kit TT 12  

- Includes:**
- 4 Patches size 1
  - 2 Patches size 2
  - 1 Patch size 3
  - 1 Patch size 4
  - 1 Patch size 7
  - 1 Patch size 7A
  - 1 Tube of SVS solution 10 g
  - 1 Rasp
  - Instruction manual



5060518

Ref. No.	Description
5060912	Tube Repair Kit TT 20  

- Includes:**
- 8 Patches size 1
  - 2 Patches size 2
  - 1 Patch size 3
  - 1 Patch size 4
  - 1 Patch size 5
  - 2 Patches size 7
  - 1 Patch size 7A
  - 1 Patch size 7B
  - 1 Tube of SVS solution 25 g
  - 3 Rasps
  - 3 Short valve cores
  - Instruction manual



5060912

Ref. No.	Description
5798628	Tube Repair Kit TT 20 4WD 

- Includes:**
- 17 Asst Tube Valves
  - 1 Vulc Fluid 25g
  - 1 Special Cement 30g
  - 2 RAD Patch 112
  - 1 Hand Rasp
  - 3 Hand Rasp Blade
  - 1 Plastic Stitcher
  - 2 Valve Core
  - Instruction manual



5798628

# TYRE REPAIR AND RETREADING

## Repair Kits

Ref. No.	Description
5070012	Tube Repair Kit TT 21

- Includes:**
- 14 Patches size 1
  - 4 Patches size 2
  - 2 Patches size 3
  - 2 Patches size 4
  - 1 Patch size 5
  - 4 Patches size 7
  - 2 Patches size 7A
  - 2 Patches size 7B
  - 1 PN 03
  - 1 Tube of SVS solution 50g
  - 5 Rasps
  - 1 Rasp handle
  - 3 Short valve cores
  - 1 Stitcher
  - Instruction manual



5070012

Ref. No.	Description
5070311	Tube Repair Kit TT 30

- Includes:**
- 12 Patches size 1
  - 6 Patches size 3
  - 2 Patches size 4
  - 1 Patch size 5
  - 3 Patches size 7
  - 4 Patches size 7A
  - 2 Patches size 7B
  - 2 PN 03
  - 1 Tube of SVS solution 50 g
  - 2 Rasps
  - 1 Rasp handle
  - 1 Stitcher
  - Instruction manual



5070311

Ref. No.	Description
5070603	Tube Repair Workshop Kit TT 40

- Includes:**
- 70 Patches size 1
  - 50 Patches size 2
  - 40 Patches size 3
  - 10 Patches size 4
  - 30 Patches size 7
  - 20 Patches size 7A
  - 5 Patches size 7B
  - 1 Can of SVS solution 175 g
  - 2 Rasps
  - 1 Rasp handle
  - 1 Stitcher
  - 3 Rubber-based valves
  - Instruction manual



5070603

Ref. No.	Description
5798626	Tyre Repair Kit - Outback Explorer

- Includes:**
- 10 Patch Size TT3
  - 3 Vulc Fluid 10g
  - 1 Special Cement 30g
  - 2 RAD Patch 110
  - 4 RAD Patch 116
  - 1 Sealfix Drivers Kit
  - 1 Hand Rasp
  - 3 Hand Rasp Blade
  - 1 Plastic Stitcher
  - 1 Valve Tool 4 way
  - 2 413 Valve
  - 2 Metal Cap
  - 2 Valve Core
  - Instruction manual



5798626

# TYRE REPAIR AND RETREADING

## Repair Kits

### Bicycle Repair

Ref. No.	Description	
5060006	Bicycle Repair Kit TT 01, Touring	

- Includes:**
- 4 Patches size F1
  - 1 Patch size F2
  - 1 Tube of SVS solution 3 g
  - 1 Emery paper
  - 1 Valve tube
  - Instruction manual



5060006

### Repair & Air Kits

- Useful in remote situations
- Repair and Air kits are handy due to their compact size and ease of use
- Contains all that is necessary to repair a tyre on the go
- No more need to carry an air pump
- The CO2 cartridge is connected and the tyre is inflated within seconds!!





5060376



5060352



5060455

Ref. No.	Description		
5060376	<p>REPAIR &amp; AIR – Tube type</p> <p><b>Includes:</b></p> <ul style="list-style-type: none"> <li>• 2 Patches size 0</li> <li>• 1 Patch size 7</li> <li>• 1 Tube of SVS solution 3 g</li> <li>• 1 Emery paper</li> <li>• 1 Car valve core, short</li> <li>• 1 Slotted valve cap</li> </ul> <p><b>For use with:</b></p> <ul style="list-style-type: none"> <li>• 4 Cartridges 16 g each</li> <li>• 1 Cartridge adapter</li> <li>• 1 Cartridge freeze protector</li> <li>• Instruction manual</li> </ul>	•	•
5060352	<p>REPAIR &amp; AIR – Tubeless</p> <ul style="list-style-type: none"> <li>• This kit is part of the original equipment of a German motorcycle manufacturer</li> <li>• Allows the sealing of punctures without demounting the tyre from the rim</li> <li>• Includes cartridges for fast and easy inflation after the repair</li> <li>• Suitable only for temporary repair of mounted tyres</li> </ul> <p>Safety warning: The tyre should be checked/repared permanently after 400 km maximum (at a maximum speed of 60 km/h) by a tyre expert or workshop!</p> <p><b>Includes:</b></p> <ul style="list-style-type: none"> <li>• 3 SUPER SEALASTIC repair plugs</li> <li>• 1 Tube of SPECIAL CEMENT BL 4 g</li> <li>• 1 Inserting tool</li> <li>• 1 Clasp knife</li> <li>• 1 Chalk</li> </ul> <p><b>For use with:</b></p> <ul style="list-style-type: none"> <li>• 3 Cartridges 16 g each</li> <li>• 1 Cartridge adapter</li> <li>• 1 Cartridge freeze protector</li> <li>• 1 Instruction manual</li> </ul>		•
5060455	<p>REPAIR &amp; AIR – Cartridge Refill</p> <ul style="list-style-type: none"> <li>• Threaded CO2 cartridges, filled with medical/technical carbon dioxide</li> </ul> <p><b>Includes:</b></p> <ul style="list-style-type: none"> <li>• 4 Cartridges 16 g each</li> <li>• 1 Cartridge adapter</li> <li>• 1 Cartridge freeze protector</li> <li>• 1 Instruction manual</li> </ul>	•	•

# TYRE REPAIR AND RETREADING

## Repair Kits

### String Repair Kits

- Strings are for temporary repair of tread punctures only
- We recommend demounting the tyre from the rim in order to determine the actual damage size
- Observe local rules and guidelines for the repair of tyres

- Permanent repairs should be performed from the inside of the tyre, for example with MINICOMBI
- For safety reasons, we also warn you not to carry out a sidewall repair with Strings

### SEALFIX

Ref. No.	Description
5101848	SEALFIX GO-ON, drivers kit 

- Includes:**
- 5 Strings
  - 1 SPECIAL CEMENT BL 12 g tube
  - Inserting tool car/truck
  - 1 Hand rasp
  - Instruction manual



5101848

Ref. No.	Description
5101833	SEALFIX, workshop kit 

- Includes:**
- 25 Strings
  - 1 hand rasp
  - 1 Inserting tool
  - 1 SPECIAL CEMENT BL 40 g can
  - 1 Chalk
  - 1 Knife
  - Instruction manual



5101833

### Other String Repair Kits



103593



103596



103592

Ref. No.	Description
103593	Off Road Repair Kit – 4WD
103596	Off Road Repair Kit – Commercial
103592	Off Road Repair Kit – Quickweld

# TYRE REPAIR AND RETREADING

## Repair Kits

### Refills & Accessories



170290



5101818



5101820, 103587  
103583



5102240



5102336

Ref. No.	Description	Contents			
5101801	SEALFIX car, refill pack	50	▪		
5101863	SEALFIX truck, refill pack	25			▪
103590	Quickweld refill pack	60	▪		
170290	Inserting tool, Car		▪		
5101818	Inserting tool, T handle		▪		
5101820	Spare needle 100 mm Car		▪		
103587	Spare needle 130 mm Truck			▪	
103583	Spare needle 200 mm OTR/EM			▪	▪
5102240	Hand rasp		▪		
5102336	Hand probe with pistol grip		▪		



5101801



5101863

### REMA TOPCURE

5102305	Rema Topcure, car				
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5102305

### Repair plugs

- Temporary nail hole repair for cross-ply truck tyres mounted on the rim (max. injury size 8 mm) as well as EM and agricultural tyres (max. injury size 15 mm)
  - Also suitable for tubeless radial EM tyres
- (up to a maximum speed of 40 km/h, if the "carbide mill cutter, pointed" is used)
- For larger injuries, use the corresponding REMA TIP TOP repair patches according to the relevant repair chart

Ref. No.	Description	Contents			
5101165	SEALASTIC TRUCK/EM, kit Includes: • 10 Repair units • 2 SPECIAL CEMENT BL 40 g cans • 1 Insertion tool for EM • 1 Rasp Ø 6,5 mm • Instruction manual	10	▪	▪	▪
5102147	SEALASTIC TT 611, refill pack	20	▪		
5102161	SEALASTIC TT 612, refill pack	20			▪



5101165



5102161

# TYRE REPAIR AND RETREADING Repair Kits

## SUPER SEALASTIC (SUPER SL)

- Multi-layer repair units for temporary repair of mounted cross-ply tyres
- Temporary Repair only
- For a permanent repair, use the REMA TIP TOP patches corresponding to the valid repair chart

Ref. No.	Description	Contents
5103408	SUPER SEALASTIC TT 651, drivers kit <b>Includes:</b> <ul style="list-style-type: none"> <li>• 5 SUPER SEALASTIC plugs, grey</li> <li>• 1 SPECIAL CEMENT BL 12 g tube</li> <li>• 1 Chalk</li> <li>• 1 Clasp knife</li> <li>• 1 Inserting tool car/truck</li> <li>• Instruction manual</li> </ul>	5



5103408

## Accessories – SEALASTIC and SUPER SEALASTIC



5102202



5102233



8398824

Ref. No.	Description	Length	Dia.					
5102202	Inserting tool, with folding handle • RAS, SRAS, SEALASTIC	75 mm		•	•			
8398824	Hand Rasp EM	195 mm	6.5 mm					•
5102219	Inserting tool, car	75 mm			•			
5102226	Inserting tool, truck	96 mm				•		
5102233	Inserting tool, EM	230 mm					•	•
8398817	Rasp. No. 1 Boring Truck	4.5 mm				•		

# TYRE REPAIR AND RETREADING

## Tube Valves

### Rubber base valves



### Rubber base valves

Caution: Before doing repairs with valve patches and rubber base valves always buff the tube mechanically!

Ref. No.	Description	TR No.	Rubber base dia	Bending angle	Shaft dia.	Length	Contents					
5010088	Scooter valve		45 mm	90°			each	▪				
5010040	Motorcycle valve		45 mm				each		▪			
5010136	Car valve	13	60 mm		12 mm	38 mm	each			▪		
5010150	Car valve	15	60 mm		16.5 mm	38 mm	each			▪		
5010174	Tractor valve	25	80 mm		16.5 mm	52 mm	each				▪	
5010277	Tractor valve	218a	80 mm				each				▪	
5010545	Truck Valve Seating for VG12					80 mm	each					▪
<b>Accessories</b>												
5631900	Plastic rim ferrule For use with: ▪ Car valve (5010136)						each			▪		

# TYRE REPAIR AND RETREADING

## Tube patches

### TUBE PATCHES, RED EDGE

- REMA TIP TOP tube patches with double-scalloped edge ensures perfect bonding and 100 % vulcanisation
- Due to the stepped multi-layer structure of the patch body they stretch evenly in all directions when the tube is inflated
- They leave no edges on the repair area



5000029



5000050



5000122



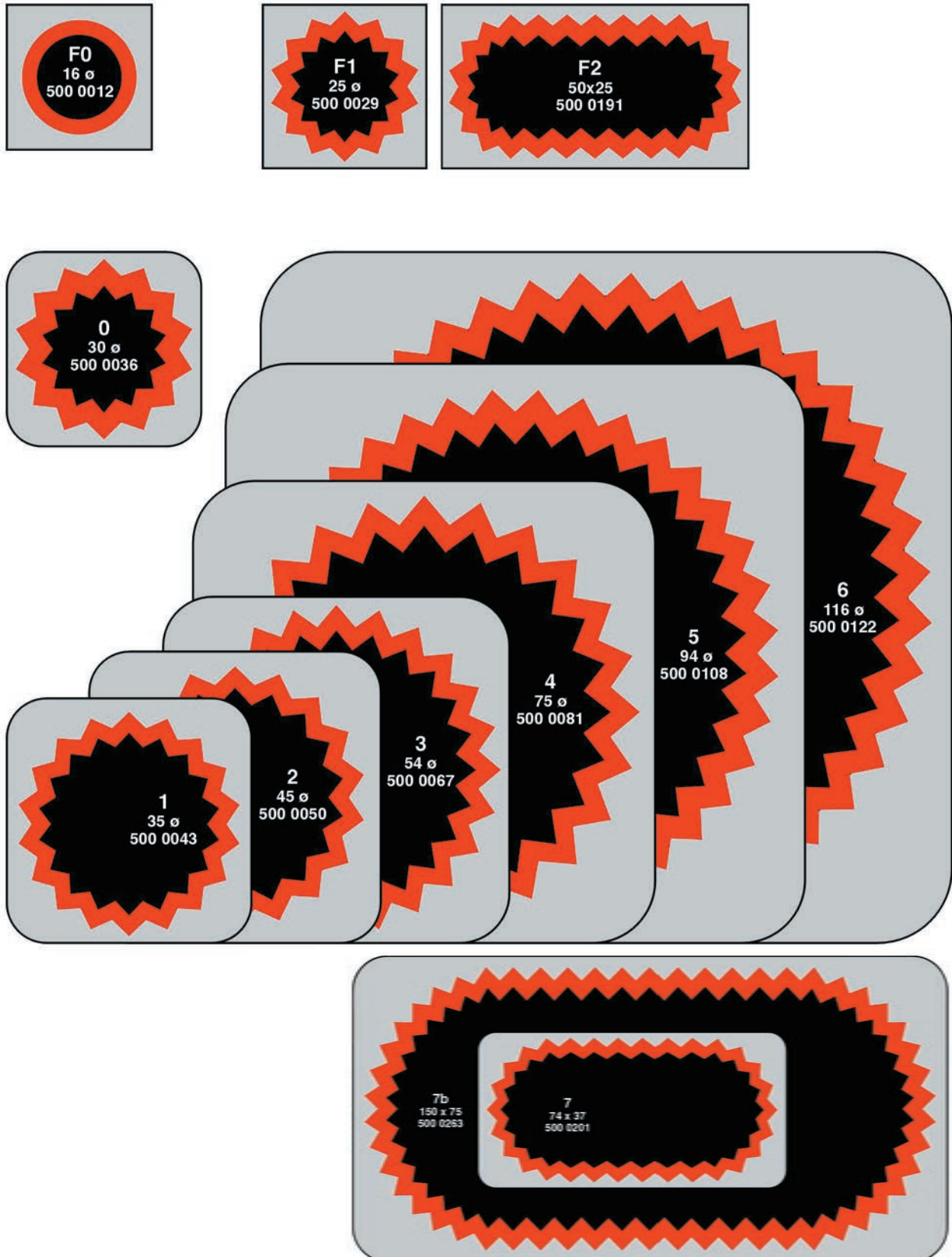
5000201

Ref. No.	Description	Dia.	Size L x W	Contents					
5000029	Tube patches F 1, red edge	25 mm		100	•				
5000036	Tube patches No. 0, red edge	30 mm		100	•	•	•		
5000043	Tube patches No. 1, red edge	35 mm		30	•	•	•		
5000050	Tube patches No. 2, red edge	45 mm		30		•	•		
5000067	Tube patches No. 3, red edge	54 mm		30			•	•	•
5000081	Tube patches No. 4, red edge	75 mm		30			•	•	•
5000108	Tube patches No. 5, red edge	94 mm		10				•	•
5000122	Tube patches No. 6, red edge	116 mm		10				•	•
5000201	Tube patches No. 7, red edge		74 x 37 mm	30		•	•		
5000263	Tube patches No. 7B, red edge		150 x 75 mm	10				•	•

# TYRE REPAIR AND RETREADING

## Tube patches

Dimensions in mm approx.



MINICOMBI plugs and stems

# TYRE REPAIR

## with REMA TIP TOP MINICOMBI



1

**1**

**2**

**3**

Locate and mark the damage.  
Take or screw out the foreign object.

Determine the direction of the puncture channel.

Clean the repair area using  
LIQUID BUFFER and a scraper.

**4**

**5**

Prepare the puncture channel first from the tyre  
inside outwards, then from the outside to the inside.

Buff the inner liner until you get a completely  
smooth surface (RMA-2) and clean the buffed area.

**6**

**7**

**8**

Apply CEMENT FD-BL on the buffed  
surface, fill the puncture channel  
with fresh cement and immediately  
insert the MINICOMBI plug.

Pull the MINICOMBI plug outwards  
as far as possible and stitch the  
MINICOMBI base.

Seal the MINICOMBI base and any  
still exposed buffed areas with  
INNERLINER SEALER and cut the  
stem.












Maximum number of repairs carried out with MINICOMBI repair plugs in one tyre. Always check whether repairs already carried out in the tyre are defective. Axial distance between repairs: minimum 15 cm/6".

Repairable area in % of the tread width	Ø = max. damage size Minicombi					
	3	4,5	6	8	10	
Speed Index	A3	A4.5	A6	B8	B10	
	-J	•	•	•		2
	K-T	•	•			1
	H-ZR	•				
	-V	•				1
	-V	•				
	-V	•	•	•		1
	ZR-W	•				
	max. LI = 177	•	•	•	•	3
						1
		•	•	•	•	
		•	•	•	•	1
		•	•	•	•	

# TYRE REPAIR AND RETREADING

## Repair Products for Tyres





### MINICOMBI plugs and stems - continued

Ref. No.	Description						
5111964	MINICOMBI A3, refill pack <b>Includes:</b> • 50 Repair units with metal pilot • 1 Instruction manual <b>For use with:</b> • Tread damage up to 3 mm	•	•				 5111964
5113042	MINICOMBI A6, workshop kit <b>Includes:</b> • 20 Repair units with metal pilot • 2 Tubes of SPECIAL CEMENT FAST DRY 25 g each • 1 HSS mill cutter Ø 6 mm • 1 Instruction manual <b>For use with:</b> • Tread damage up to 6 mm	•	•	•	•	•	 5113042
5113058	MINICOMBI A6, refill pack <b>Includes:</b> • 40 Repair units with metal pilot • 1 Instruction manual <b>For use with:</b> • Tread damage up to 6 mm	•	•	•	•	•	 5113058
5113106	MINICOMBI B8, refill pack <b>Includes:</b> • 20 Repair units with metal pilot • 1 Instruction manual <b>For use with:</b> • Tread damage up to 8 mm			•	•	•	 5113106
5113144	MINICOMBI B10, refill pack <b>Includes:</b> • 18 Repair units with metal pilot • 1 Instruction manual <b>For use with:</b> • Tread damage up to 10 mm				•	•	 5113144
	<b>Accessories</b>						
5111808	MINICOMBI Inserting guide wire						 5111808

### REMA STEM

- Precured rubber insert plugs used to fill cylindrical puncture channels in the tread area
- REMA STEM units are precured rubber
- To be applied in conjunction with specified patch

- To select the appropriate patch size, refer to the valid repair charts
- REMA STEM is suitable for hot and cold vulcanisation

Ref. No.	Description	Injury	Contents				
5101935	REMA STEM 6	max. 6 mm	60	•	•	•	 5101935
5101942	REMA STEM 8	max. 8 mm	60		•	•	
5101928	REMA STEM 10	max. 10 mm	20		•	•	
5101959	REMA STEM 12	max. 12 mm	20		•	•	

## TYRE REPAIR AND RETREADING

### Repair Products for Tyres

- Universal patches (UP) for repairing small injuries in tubeless radial and cross-ply tyres
- For safety reasons do not carry out sidewall repairs
- Use in conjunction with REMASTEM for complete repairs



5125020




5125040



5125060



5125080

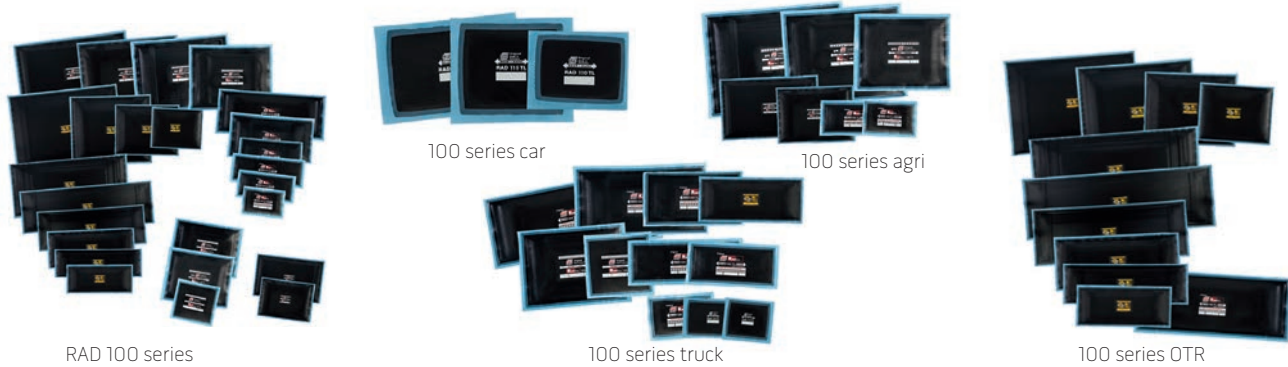
Ref. No.	Description	Size	Contents		
5125020	UNIVERSAL PATCH UP 3	ø 27	each	▪	▪
5125040	UNIVERSAL PATCH UP 4.5	ø 37	each	▪	▪
5125060	UNIVERSAL PATCH UP 6	ø 43	each	▪	▪
5125080	UNIVERSAL PATCH UP 8	ø 55	each		▪
5125100	UNIVERSAL PATCH UP 10	ø 63	each		▪
5125120	UNIVERSAL PATCH UP 12 with reinforcement	ø 63	each		▪

Repair chart valid at the time of printing.  
Always refer to the repair chart and safety advice included!

# TYRE REPAIR AND RETREADING

## Repair products for Tyre

### RAD repair patches, series 100



Ref. No.	Description	Number of plies	Size	Contents					
5121104	RAD repair patch 110 TL	1	75 x 55 L x W mm	20	•				
5121160	RAD repair patch 116 TL	1	104 x 67 L x W mm	10	•	•	•		
5121207	RAD repair patch 120 TL	2	125 x 80 L x W mm	10		•	•	•	
5121221	RAD repair patch 122 TL	2	175 x 75 L x W mm	10		•	•	•	
5121245	RAD repair patch 124 TL	2	220 x 75 mm	each		•			
5121252	RAD repair patch 125 TL	3	125 x 115 mm	each		•			
5121360	RAD repair patch 135 TL	4	104 x 67 mm	each		•	•		
5121403	RAD repair patch 140 TL	2	175 x 75 mm	each		•	•	•	
5121427	RAD repair patch 142 TL	4	260 x 130 mm	each		•	•		
5121441	RAD repair patch 144 TL	4	335 x 130 mm	each		•			•
5121465	RAD repair patch 146 TL	4	440 x 180 mm	each		•			•
5121506	RAD repair patch 150 TL	5	580 x 180 mm	each					•
5121520	RAD repair patch 152 TL	5	580 x 240 mm	each					•
5121551	RAD repair patch 155 TL	5	330 x 260 mm	each					•
5121568	RAD repair patch 156 TL	7	720 x 270 mm	each					•
5121609	RAD repair patch 160 TL	7	860 x 270 mm	each					•
5121623	RAD repair patch 162 TL	7	1030 x 325 mm	each					•
5121654	RAD repair patch 165 TL	6	420 x 330 mm	each					•
5121685	RAD repair patch 168 TL	7	760 x 350 mm	each					•
5121757	RAD repair patch 175 TL	8	530 x 450 mm	each					•
5121805	RAD repair patch 180 TL	2	190 x 150 mm	each				•	
5121829	RAD repair patch 182 TL	3	240 x 185 mm	each				•	
5121843	RAD repair patch 184 TL	3	295 x 215 mm	each				•	
5121852	RAD repair patch 185 TL+	8	730 x 530 mm	each					•
5121867	RAD repair patch 186 TL	2	340 x 245 mm	each				•	
5121881	RAD repair patch 188 TL	2	450 x 280 mm	each				•	

# TYRE REPAIR AND RETREADING

## Repair Products for Tyres

### Description

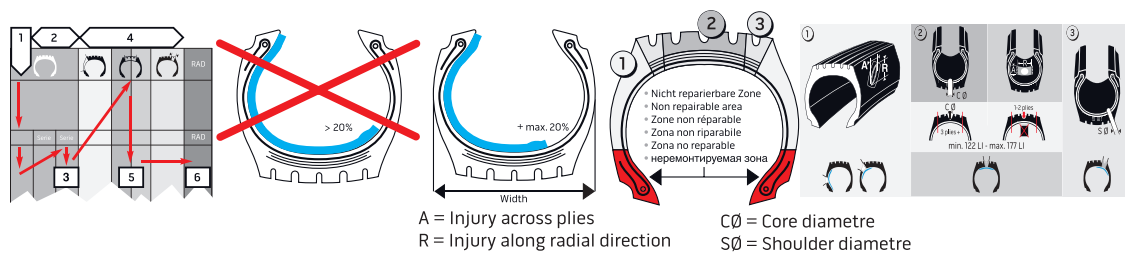
#### Application Chart - Major Repair Highway Tyres

	Speedindex	①		②			③	
		A	R	CØ	A	R	SØ	RAD
	- Q	10	15	10	10	10	—	110
	- T	—	—	20	20	20	—	116
		6	12	8	8	8	—	110
		15	25	12	12	12	—	116
	< 185mm < 6.50	6	6	12	12	12	—	110
	> 185mm > 6.50	15	25	15	15	15	—	120
		8	8	12	12	12	3	116
		15	30	15	15	15	8	120

max - 121 LI

	Series 100-90	Series 85-80	Series 75-70	Series 65-60	Series 55-45	①		②			③	
	A	R	CØ	A	R	SØ	RAD					
 min - 122 LI	6.00 - 7.50	9 R - 10 R 245/ - 265/	205/ - 235/	245/ - 265/	—	10	15	15	15	20	8	120
						15	60	15	15	25	10	122
						20	35	—	—	—	—	—
						10	80	25	25	40	15	140
						20	60	12	12	20	8	120
						6	10	—	—	—	—	—
						4	80	—	—	—	—	—
						8	60	—	—	—	—	—
						10	80	20	20	40	15	140
						20	60	—	—	—	—	—
 8.25 - 10.00	9 R - 11 R 245/ - 265/	245/ - 265/	—	—	10	110	30	30	50	20	142	
					20	80	—	—	—	—	—	
					20	130	40	40	70	20	144	
					—	—	20	20	35	—	125	
					—	—	40	40	60	—	135	
					6	6	12	12	20	6	120	
					10	6	20	20	30	10	140	
					15	35	—	—	—	—	—	
					10	100	25	25	50	20	142	
					25	80	—	—	—	—	—	
 11.00 - 13.00	12.5 R - 14.75 R 275/ - 385/	12 R - 13 R 12/ - 14/ 14.75/	11/ - 13/ 275/ - 375/	275/ - 385/	355/ - 385/	25	130	40	40	70	20	144
						25	80	—	—	—	—	—
						—	—	10	10	12	—	115
						—	—	20	20	25	—	125
						—	—	40	40	60	—	135
						12	30	15	15	25	10	140
						10	100	20	20	30	20	142
						20	60	—	—	—	—	—
						20	130	30	30	50	20	144
						25	60	—	—	—	—	—
 14.00 - 16.00	375/ - 445/	15 R - 24 R 15.5 - 395/ - 475/	445/ - 605/	395/ - 525/	425/ - 495/	25	130	40	40	70	20	146
						—	—	10	10	15	—	120
						—	—	15	15	25	—	125
						—	—	35	35	50	—	135

Ref. No.	RAD	min	max
512 1104	RAD 110 TL	1	55 x 75
512 1160	RAD 116 TL	1	67 x 104
512 1207	RAD 120 TL	2	80 x 125
512 1221	RAD 122 TL	2	75 x 175
512 1245	RAD 124 TL	2	75 x 220
512 1252	RAD 125 TL	3	115 x 125
512 1355	RAD 135 TL	4	148 x 203
512 1403	RAD 140 TL	3	130 x 185
512 1427	RAD 142 TL	4	130 x 260
512 1441	RAD 144 TL	4	130 x 325
512 1465	RAD 146 TL	4	180 x 440



This chart is applicable for tyre repairs carried out within Australia, using REMA TIP TOP repair material and system.  
Size of injuries have been determined based on practical experience and laboratory testing using REMA TIP TOP repair systems, whilst also complying with Australian Standard AS 1973-1993.  
It is always mandatory to check if a tyre can be repaired in principle.  
It is a requirement to check the whole tyre for any hidden, or additional damage.  
The maximum sizes for repairable injuries apply to the injury after the correct preparation. These sizes must not be exceeded.  
This chart does not refer to regulations or recommendations in specific international markets.  
It is the operator's responsibility to assess if in his environmental rules, regulations such as road, load and operating conditions exist, which pre-empt different max. injury sizes.  
Always follow the applicable fitment and processing instructions when carrying out tyre repairs.

• This repair chart supersedes all previous publications.  
• Subject to change in the technical contents.





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# TYRE REPAIR AND RETREADING

## Repair Products for Tyres

### Description

#### Application Chart - Major Repair RAD 100 Tractor / OTR\*

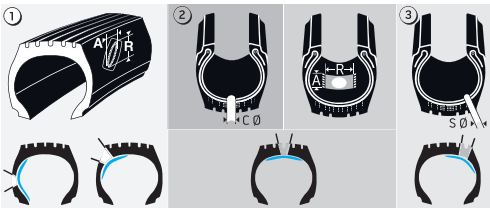





Series 100-90		Series 85-80		Series 75-70		Series 65-60		Series 55-45		A		R		CØ		A		R		SØ		RAD		Ref. No.	RAD		
6.5-12.4										20	20	20	20	30	10	120								512 1207	RAD 120 TL	2	80 x 125
9-11	265/-320/	260/-360/	275/-340/	-						20	55	20	20	40	10	124								512 1221	RAD 122 TL	2	75 x 175
180/-290/										50	70	40	40	60	25	180								512 1245	RAD 124 TL	2	75 x 220
										60	100	60	60	75	45	182								512 1355	RAD 135 TL	4	148 x 203
										100	75													512 1403	RAD 140 TL	3	100 x 195
										60	125	75	75	90	55	184								512 1427	RAD 142 TL	4	130 x 260
										100	80													512 1441	RAD 144 TL	4	130 x 335
										15	25	15	15	15	10	120								512 1465	RAD 146 TL	4	180 x 440
13.6-18.4										15	60	15	15	30	10	124								512 1506	RAD 150 TL	5	180 x 580
12-15	355/-420/	375/-520/	420/-560/	600/-650/						40	60	30	30	50	20	180								512 1520	RAD 152 TL	5	240 x 580
300/-400/										60	40	60	60	70	40	182								512 1551	RAD 155 TL	5	290 x 330
										75	125													512 1558	RAD 155 TL	7	270 x 720
										100	75	80	80	100	50	184								512 1609	RAD 160 TL	7	270 x 860
										90	140													512 1623	RAD 162 TL	7	325 x 1030
										100	100	100	100	140	75	186								512 1654	RAD 165 TL	6	320 x 420
										125	110													512 1685	RAD 168 TL	7	350 x 760
										140	160													512 1757	RAD 175 TL	8	450 x 530
										10	20	10	10	10	10	120								512 1805	RAD 180 TL	2	155 x 195
										12	50	10	10	20	10	124								512 1823	RAD 182 TL	2	190 x 245
										25	60	25	25	40	10	180								512 1849	RAD 184 TL	2	215 x 295
										40	100	40	40	60	30	182								512 1950	RAD 185 TL	8	530 x 730
20.8-30.5	460/-650/	540/-800/	580/-900/	700/-1050/						60	125	70	70	90	40	184								512 1967	RAD 186 TL	2	250 x 345
420/-500/										85	75													512 1981	RAD 188 TL	2	280 x 450
										85	120	85	85	120	60	186								512 1908	RAD 190 TL	2	310 x 550
										120	80																
										90	180																
										125	125	100	100	175	70	188											
										160	200	125	125	150		190											

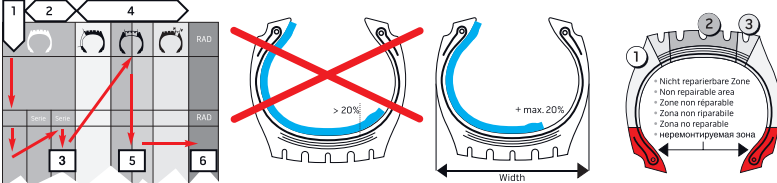
  

Serie 100-90		Serie 85-80		Serie 75-70		Serie 65-60		Serie 55-45		A		R		CØ		A		R		SØ		RAD	
5.00-7.00			150/-200/							10	10	10	10	10	6	120							
										10	30	10	10	20	6	122							
										8	30	10	10	10	6	120							
										8	30	10	10	15	6	122							
7.50-10.00			225/-315/	250/-355/						18	70	18	18	30	10	140							
										15	50												
										18	70												
										25	50	25	25	35	12	142							



24.00 R 49	31/80 R 49																										
27.00 R 49	31/90 R 49	44/80 R 57																									
30.00 R 51	50/80 R 57																										
33.00 R 51	55/80 R 57																										
36.00 R 51	53/80 R 63																										
39/90 R 53	55/80 R 63																										
27 R 56.5	59/80 R 63																										
54/60 R 57	53.5 R 63																										
37.00 R 57	55.5/80 R 57																										
40.00 R 57	52/85 R 57																										
42/90 R 57	58/85 R 57																										
45 R 57	60/80 R 57																										
46/90 R 57	56/80 R 63																										
50/90 R 57																											



A = Injury across plies  
R = Injury along radial direction  
CØ = Core diameter  
SØ = Shoulder diameter

**AUSTRALIAN STANDARD AS 4457.2-2008 Part 2 Tyres**

The highlighted areas are over the limit of the Australian Standards.

The limits are:  
- 85mm in the crown area.  
- 70mm across the casing ply in the side wall or shoulder area.

- This repair chart supersedes all previous publications.
- Subject to change in the technical contents.
- V1.0

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# TYRE REPAIR AND RETREADING

## Repair Products for Tyres

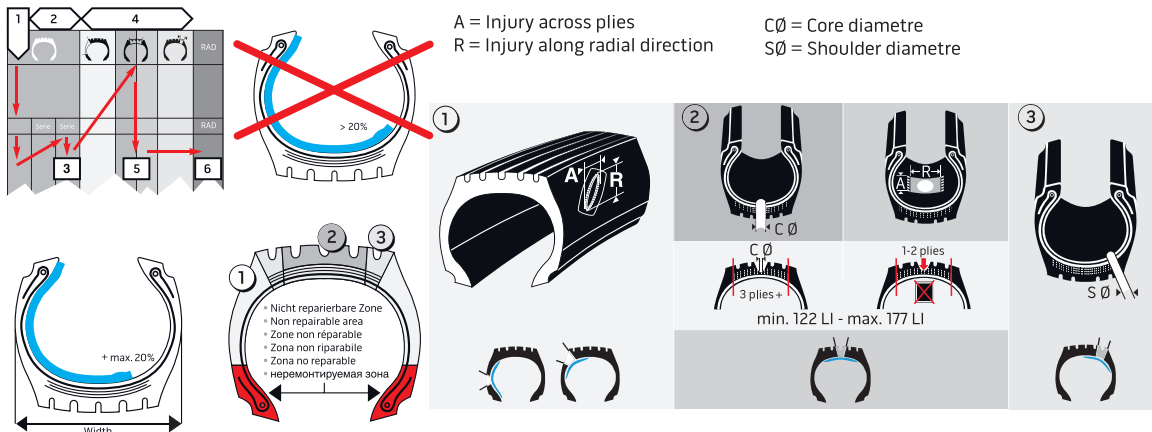
### Description

Application Chart - Major Repair RAD 500 Ag/ Tractor



Series 100	Series 95-90	Series 85-80	Series 75-70	Series 65-60	Series 55-45	①		②			③	RAD	
						A	R	CØ	A	R	SØ		
8.3-12.4 180-270	230/- 290/	275/- 320/	300/- 360/	320/- 340/	-	-	-	-	-	-	-	-	-
						20	20	20	20	30	10	120	
						20	55	20	20	40	10	124	
						45	65	45	45	55	25	581	
						65	50	65	65	75	45	583	
						60	100	65	65	75	45	583	
						90	70	65	65	75	45	583	
						90	160	85	85	115	60	585	
						115	120	85	85	115	60	585	
						10	25	15	15	15	10	120	
13.6-18.4 12-15	300/- 400/	335/- 420/	375/- 520/	420/- 540/	600/- 650/	15	60	15	15	30	10	124	
						45	60	40	40	50	20	581	
						60	50	40	40	50	20	581	
						60	95	60	60	70	40	583	
						85	70	60	60	70	40	583	
						85	150	80	80	110	55	585	
						110	115	80	80	110	55	585	
						110	210	125	125	165	80	587	
						150	165	125	125	165	80	587	
						20.8-30.5	420/- 500/	460/- 650/	540/- 710/	600/- 800/	700/- 1050/	10	20
12	50	10	10	20	10							124	
45	60	30	30	50	15							581	
60	50	30	30	50	15							581	
60	90	45	45	70	35							583	
80	70	45	45	70	35							583	
80	145	70	70	110	50							585	
105	110	70	70	110	50							585	
105	200	105	105	165	70							587	
140	160	105	105	165	70							587	
135	280	135	135	210	-	589							
170	220	135	135	210	-	589							

Ref. No.	RAD	Image
512 1207	RAD 120 TL	80 x 125
512 1245	RAD 124 TL	75 x 220
512 5810	RAD 581 TL	195 x 155
512 5830	RAD 583 TL	245 x 190
512 5850	RAD 585 TL	350 x 220
512 5870	RAD 587 TL	450 x 280
512 5890	RAD 589 TL	590 x 330



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## TYRE REPAIR AND RETREADING

### Repair products for Tyres

#### RAD repair patches, series 500 - ARAMID

- ARAMIN cord re-inforced patch construction.
- Low weight and high flexibility.
- Low bulge factor.
- Perfectly adapts to the tyre contour and tyre movements.



500 series agri

Ref. No.	Description	Size	Contents
5125810	RADrepair patch 581, ARAMID	205 x 168 mm	each
5125830	RAD repair patch 583, ARAMID	258 x 203 mm	each
5125850	RAD repair patch 585, ARAMID	363 x 233 mm	each
5125870	RAD repair patch 587, ARAMID	458 x 288 mm	each
5125890	RAD repair patch 589, ARAMID	603 x 343 mm	each

500 series truck

#### CROSS-PLY repair patches, series PN

- Repair patches for durable repairs on cross-ply tyres of all sizes, especially for tread, shoulder and sidewall injuries
- Suitable for both self-vulcanising and hot-vulcanising processes due to the fully integrated bonding layer
- Use in conjunction with the appropriate REMA TIP TOP accelerator solutions



CROSS-PLY repair patches, series PN



Ref. No.	Description	Patch Ø in cord direction	Number of plies	Contents			
5126037	CROSS-PLY repair patch PN 03	100 mm	2	each	▪	▪	
5126044	CROSS-PLY repair patch PN 04	120 mm	2	each	▪	▪	
5126051	CROSS-PLY repair patch PN 05	160 mm	4	each			▪
5126068	CROSS-PLY repair patch PN 06	235 mm	6	each			▪
5126075	CROSS-PLY repair patch PN 07	295 mm	6	each			▪
5126082	CROSS-PLY repair patch PN 08	345 mm	6	each			▪
5126099	CROSS-PLY repair patch PN 09	390 mm	8	each			▪
5126109	CROSS-PLY repair patch PN 010	450 mm	8	each			▪
5126202	CROSS-PLY repair patch PN 020	255 mm	4	each			▪
5126219	CROSS-PLY repair patch PN 021	370 mm	4	each			▪
5126233	CROSS-PLY repair patch PN 023	255 mm	6	each			▪
5126240	CROSS-PLY repair patch PN 024	370 mm	6	each			▪
5126257	CROSS-PLY repair patch PN 025	510 mm	6	each			▪

# TYRE REPAIR AND RETREADING

## Repair products for Tyres

### CROSS-PLY repair patches, series PN-OTR



CROSS-PLY repair patches, series PN-OTR



- Repair patches for durable repairs to cross-ply tyres on all OTR sizes
- Suitable for all current vulcanising systems due to the fully integrated bonding layer
- Use in conjunction with the appropriate REMA TIP TOP accelerator solutions

**Type:**

- S = sidewall patch
- + = reinforced patch
- S+ = shoulder and sidewall injuries, reinforced

Ref. No.	Description	Patch Ø in cord direction	Number of plies	Contents
5122000	CROSS-PLY repair patch PN 050	240 mm	4	each
5122017	CROSS-PLY repair patch PN 050+	240 mm	6	each
5122024	CROSS-PLY repair patch PN 052	360 mm	6	each
5122031	CROSS-PLY repair patch PN 052+	360 mm	8	each
5122048	CROSS-PLY repair patch PN 054	480 mm	8	each
5122055	CROSS-PLY repair patch PN 054+	480 mm	10	each
5122062	CROSS-PLY repair patch PN 056	660 mm	10	each
5122079	CROSS-PLY repair patch PN 056+	660 mm	12	each

# TYRE REPAIR AND RETREADING

## Repair Products for Tyres

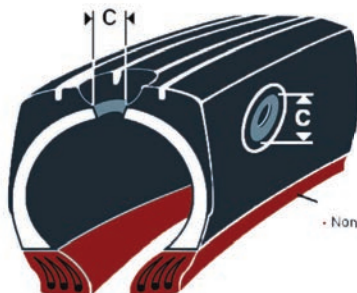
### Description

#### Application Chart Cross Ply - PN

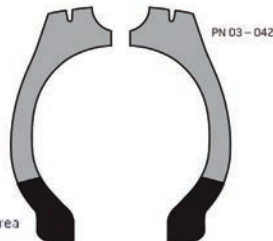
MM	PLY RATING	CAR			LIGHT TRUCK								
		4 - 6 PLY			6 PLY			8 - 10 PLY			12 PLY		
		C	SH	SW	C	SH	SW	C	SH	SW	C	SH	SW
10	PN No.	FRU 2	FRU 2	FRU 2	FRU 2	FRU 2	FRU 2	03	03	03	03	03	03
15	PN No.	03	-	-	03	-	-	04	-	-	04	-	-
20	PN No.	03	-	-	03	-	-	05	-	-	05	-	-
25	PN No.	-	-	-	-	-	-	05	-	-	05	-	-
30	PN No.	-	-	-	-	-	-	05	-	-	05	-	-
35	PN No.	-	-	-	-	-	-	-	-	-	05	-	-
40	PN No.	-	-	-	-	-	-	-	-	-	06	-	-

C = Crown  
SH = Shoulder  
SW = Sidewall

MM	PLY RATING	UP TO 12 PLY		14 PLY		> 14 PLY	
		100%	50%	100%	50%	100%	50%
		10	PN No.	03	FRU 2	03	03
15	PN No.	04	FRU 2	04	03	05	04
20	PN No.	05	03	06	04	06	05
35	PN No.	06	03	06	04	07	05
50	PN No.	06	05	07	05	08	06
65	PN No.	07	06	07	06	09	07
75	PN No.	-	06	-	06	09	07
100	PN No.	-	-	-	-	-	08



• Non repairable area



Ref. No.	FRU No.	C	SH	SW
512 5251	1	55	1	30
512 5261	2	77	1	30

Ref. No.	PN No.	C	SH	SW
512 6037	03	100	2	10
512 6044	04	120	2	10
512 6051	05	160	4	10
512 6068	06	235	6	10
512 6075	07	295	6	10
512 6082	08	345	6	5
512 6099	09	390	8	5
512 6108	010	450	8	3

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# TYRE REPAIR AND RETREADING

## Repair Products for Tyres

### Description

Application Chart Cross Ply - PN



	PR PLY RATING	10-14	16-20	22-26	28-32	34-38	40-44	46-50	52-58	60-
		max. mm	max. inch							
15	1/2"	PN No.	050	050	050	050	050+	050+	050+	050+
25	1"	PN No.	050	050	050	050+	050+	050+	052	052
50	2"	PN No.	050	050	050	050+	052	052	052+	054
75	3"	PN No.	050	050+	052	052	052	052+	054	054+
100	4"	PN No.	052	052	052	052+	054	054+	056/052+	056/052+
125	5"	PN No.	052	052+	052+	054	054+	056+	056/052+	056+/054
150	6"	PN No.	054	054	054	054+	054+	056/052	056+/054	058/056
175	7"	PN No.	054	054	054	054+	056+	056+/052	058+/054	058+/056
200	8"	PN No.	-	054	056	056+	058+	056+/052	058/056	060/056+

	PR PLY RATING	10-14	16-20	22-26	28-32	34-38	40-44	46-50	52-58	60-
		max. mm	max. inch							
50	2"	PN No.	050	050	050	050+	052	052	052+	052+
100	4"	PN No.	050	050	052	052	052+	052+	054	054+
150	6"	PN No.	052	052	054	054	054	054+	054+	056+
200	8"	PN No.	-	054	054	054	054	056+	056	058+
250	10"	PN No.	-	-	054	056	056+	056+	058	058+

Ref. No.	PN No.			
512 2000	050	240	4	12
512 2017	050+	240	6	10
512 2024	052	360	6	12
512 2031	052+	360	8	10
512 2048	054	480	8	5
512 2055	054+	480	10	5
512 2062	056	660	10	5
512 2070	056+	660	12	5



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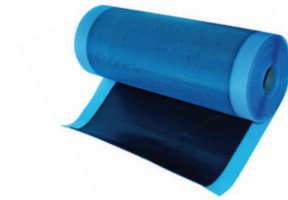
• This repair chart supersedes all previous publications.  
• Subject to change in the technical contents.  
• WLD

# TYRE REPAIR AND RETREADING

## Repair Rubber

### Curing rubber

- Uncured rubber compound for filling skives in all areas on the tyre
- Good flowing and vulcanising characteristics
- Required vulcanising temperature: Min. 100°C (212°F)
- Max. temperature for pre heating MTR-RUBBER 80°C (176°F)
- MTR-RUBBER provides excellent adhesion to the tyre and has high resistance to dynamic stress
- Use only with MTR-Solution



5161250



5161274

Ref. No.	Description	Weight	Size L xW x H	Contents
5161250	MTR RUBBER	approx. 2.5 kg	approx. 7200 x 250 x 1.2 mm	1 roll
5161267	MTR RUBBER	approx. 1 kg	approx. 2600x30x3.0 mm	3 rolls
5161274	MTR RUBBER	approx. 5 kg	approx. 2600x500x3.0 mm	1 roll

### Extruder rubber

Ref. No.	Description	Weight	Dia.	Contents
5161164	MTR, rope for extruder Uncured rubber compound for filling skives in all areas on the tyre <ul style="list-style-type: none"> <li>• Good flowing and vulcanising characteristics</li> <li>• Required vulcanising temperature: Min. 100°C (212°F)</li> <li>• Max. temperature for pre heating 80°C (176°F)</li> <li>• Provides excellent adhesion to the tyre and has a high resistance to dynamic stress</li> <li>• Use only with MTR-Solution</li> </ul>	approx. 12 kg	8 mm	1 rope
5161180	MTR-CR, rope for extruder (CR = cut resistant) <ul style="list-style-type: none"> <li>• Uncured rubber for increased wear and cut resistance</li> <li>• Required vulcanising temperature: Min. 100°C (212°F)</li> <li>• The skive can be filled with MTR-CR RUBBER only or in combination with MTR RUBBER</li> <li>• If working with two compounds, use MTR-CR RUBBER as a protector above the casing</li> <li>• Use only with MTR-Solution</li> </ul>	approx. 12 kg	8 mm	1 rope



5161164  
5161180

### Thermopress rubber - MTR cushion gum

- Cushion gum for laminating REMA TIP TOP repair patches prior to vulcanisation in retreading systems/vulcanising machines at an operating temperature of over 100°C (212°F)
- The excellent initial tack and ageing stability under thermal stress to ensure improved adhesion even when used in open steam autoclaves or long curing processes
- Use MTR RUBBER cushion gum with MTR Solution only!



5161009

Ref. No.	Description	Weight	Size L xW x H	Contents
5161009	MTR RUBBER cushion gum	approx. 5 kg	approx. 8000 x 500 x 1 mm	1 roll

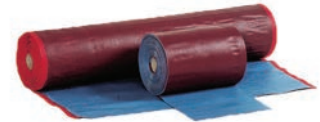
# TYRE REPAIR AND RETREADING

## Repair Rubber & Chemicals and Solutions

### Self vulcanising rubber - SV bonding rubber, blue

- Self-vulcanising cushion gum for the lamination of REMA TIP TOP RADIAL and PN repair patches
- Only apply with REMA TIP TOP SPECIAL CEMENT BL
- Waiting time before returning the tyre to service to ensure self-vulcanisation: 48 hours at a temperature of at least 18°C (65°F)

Ref. No.	Description	Weight	Size L x W x H	Contents
5173523	SV bonding rubber, blue	approx. 2 kg	approx. 8000 x 250 x 0.8 mm	1 roll
5173510	SV bonding rubber, blue	approx. 5 kg	approx. 10000 x 500 x 0.8 mm	1 roll



5173523  
5173510

### Chemicals and Solutions

#### Liquid Buffer

- Cleans and buffs rubber surfaces
- Chemically cleans rubber before mechanical buffing

Ref. No.	Description	Contents
5050725	LIQUID BUFFER	500 g spray
5050866	LIQUID BUFFER	1 litre tin
5050824	LIQUID BUFFER	4 litre tin



5050725



5050866



5050824

#### SVS - Vulcanising Fluids - (CFC free)

- Used for vulcanisation of tube patches, valve patches, fabric-reinforced valve patches and rubber base valves (hot vulcanisation)
- Free of CFC and aromatic compounds
- Allows chemical vulcanisation without heat

Ref. No.	Description	Contents
5050055	Vulcanising fluid	10 g tube
5050127	Vulcanising fluid	25 g tube
5050141	Vulcanising fluid	50 g tube
5059198	Vulcanising fluid, with brush top	175 g tin
5059246	Vulcanising fluid	500 g tin



5050055



5059198



5059246

# TYRE REPAIR AND RETREADING Chemicals and Solutions

## SPECIAL CEMENT BL - (CFC free)



- Accelerator solution for the application of REMA TIP TOP RAD, PN and UP repair patches, MINICOMBI, REMA STEM, SV bonding rubber, SEALASTIC, VULC COMPOUND
- Free of CFC and aromatic compounds

- SPECIAL CEMENT BL can be used for self-vulcanisation starting from 18°C (65°F) through to hot vulcanisation up to 150°C (300°F)

Ref. No.	Description	Contents
5159329	SPECIAL CEMENT BL	12 g tube
5159337	SPECIAL CEMENT BL	30 g tube
5159342	SPECIAL CEMENT BL	40 g tin
5159388	SPECIAL CEMENT BL,	650 g tin
5159397	SPECIAL CEMENT BL	4 kg can
5159407	SPECIAL CEMENT BL, with brush top	225 g tin



5159397



5159571



5159410



5159431

## SPECIAL CEMENT FAST DRY BL – (CFC Free)

- Dries twice as fast as SPECIAL CEMENT BL
- Especially suitable for fast and small repairs of punctures in the tread and for one-step repairs with REMA TIP TOP RAD, PN and UP patches.

- Transparent and easy to tell apart from SPECIAL CEMENT BL
- Not recommended for use in high ambient temperatures

Ref. No.	Description	Contents
5159571	SPECIAL CEMENT FAST-DRY with brush top	175 g tin
5159410	SPECIAL CEMENT FAST-DRY	500 g tin

## OTR SPECIAL CEMENT – (CFC Free)

- Accelerator solution used for coating inside the buffed tyre inside in conjunction with REMA TIP TOP RAD and PN OTR repair patches.

- Especially suitable for repairs to large tyres used on long-haul EM vehicles

Ref. No.	Description	Contents
5159431	OTR SPECIAL CEMENT	650 g tin

# TYRE REPAIR AND RETREADING

## Chemicals and Solutions

### INNERLINER SEALER

- Seals porous innerliners and edges of repair areas
- For coating excessively buffed repair areas on the inside of the tyre
- Free of CFC's and aromatic compounds



5159027



5159030



5159225



5169207



5381377

Ref. No.	Description	Contents
5159027	INNERLINER SEALER CFC - Free with brush top	175 g tin
5159005	INNERLINER SEALER CFC - Free	650 g tin
5159012	INNERLINER SEALER CFC - Free	4 kg tin
5159030	INNERLINER SEALER CFC - Free with brush top	1 pin (475 ml) tin

### HR Solution - (CFC free)

- Accelerator solution used for coating the buffed inside surface of the tyre for the application of RAD, PN or UP repair patches, required vulcanising temperature above 85° (185°F)
- Free of CFC and aromatic compounds
- HR Solution helps extend waiting time until the start of the curing process to a maximum of 14 days
- HR = Hot Repair

Ref. No.	Description	Contents
5159225	HR Solution	650 g tin

### MTR Solution - (CFC free)

- Accelerator solution used for coating the buffed inside surface of the tyre/ skive, or the bonding layer of REMA TIP TOP repair patches prior to laminating with MTR RUBBER
- Free of CFC and aromatic compounds
- MTR SOLUTION's accelerator and adhesion system are adapted to MTR RUBBER and can be used at curing temperatures of at least 100° C (212°F)
- Labelled in accordance with Australian regulations

Ref. No.	Description	Contents
5169207	MTR Solution with brush top	350 g tin
5169214	MTR Solution	700 g tin

### HL-T4 Solution - (CFC free)

Ref. No.	Description	Contents
5381377	SOLUTION HL-T4	500g (670 ml)
5381676	SOLUTION HL-T4	3.5 kg (4.7 l)

# TYRE REPAIR AND RETREADING

## Chemicals and Solutions

### VULC COMPOUND - (CFC free)

- For the repair of rubber damage on tyres and conveyor belts by cold vulcanisation
- Use with SPECIAL CEMENT BL
- Free of CFC and aromatic compounds

Ref. No.	Description	Contents
5169032	VULC COMPOUND (FIXPASTE) A+B	300 g tin
5169041	VULC COMPOUND (FIXPASTE) A+B	650 g tin



5169041

### T2 - COMPOUND

- The solvent-free compound consisting of two components is mixed in the REMA TIP TOP Compound Master and applied to the repair location that was prepared with T2-Solution
- Product has high initial elasticity
- Quick vulcanisation
- Constant technical attributes and very resistant to abrasion
- Hand extruders should be cleaned using REMA TIP TOP T2 cleaning rubber

Ref. No.	Description	Weight	Size L x W x H	Contents
5177323	T2-COMPOUND A	2 kg	5500 x 20 x 3 mm	5 rolls
5177330	T2-COMPOUND B	2 kg	5500 x 20 x 3 mm	5 rolls



5177323



5177330

### T2 Cleaning rubber

Ref. No.	Description	Weight	Size L x W x H	Contents
5177402	T2 Cleaning rubber	approx. 1 kg	approx. 3000 x 20 x 3 mm	each



5177402

### Replacement cans, lids and brushes

Ref. No.	Description
170215	Cement or solution dispenser with brush top
170216	Spare lid with brush for dispenser (170215)
170325	Spare lid with brush for Innerliner Sealer 1 pint (5159030)
170326	Spare lid with brush for Bead Sealer 1 litre (170130)
5958346	Spare lid / brush holder for solutions in 650g tins
5958308	Application brush for Lid. (5958346)



170215



170216



170325



170326



5958346



5958308

# TYRE REPAIR AND RETREADING

## Chemicals and Solutions & Tools

### Talc / French Chalk

- For mounting tube tyres and as care product / lubricant for rubber articles
- Fine-grained
- Asbestos free

Ref. No.	Description	Contents
5930649	Talc / French chalk	500 g can
115937	Talc / French chalk	25 kg bag



5930649



115937

### Tools

#### Stitchers

- For smooth application of repair patches or rubber



5961027

5951044

5951123

5961034

170101

170102

170225

Ref. No.	Description	Width	Dia.
5961027	Stitcher, corrugated	4 mm	35 mm
5951044	Stitcher, with ball bearing, corrugated	4 mm	35 mm
5951123	Stitcher, with ball bearing, plain surface	12 mm	35 mm
5961034	Stitcher, plastic, corrugated	4 mm	30 mm
170101	Stitcher No. 30, corrugated	4 mm	35 mm
170102	Stitcher ball bearing, thin, plain surface	2 mm	35 mm
170225	Stitcher 2x2, wide, plain surface	50 mm	50 mm

#### Needle stitchers

- For perforating cushion gum

Ref. No.	Description	Width	Dia.	Length	Contents
5951154	Needle stitcher	46 mm	50 mm		
	Accessories:				
5950849	Spare needles, chromium		1.5 mm	12 mm	3000



5951154



5950849

## TYRE REPAIR AND RETREADING Tools

### Pincers and pliers



5940430



123601



123602



123603



123604



123610

Ref. No.	Description	Length
5940580	Pincers, with lever nose • Polished head, black atramentised handles • Special tool steel, oil hardened and tempered	300 mm
5940420	Pincers	210 mm
5940430	Pincers	250 mm
123601	Pincers	250 mm
123602	Combination pliers	200 mm
123603	Cutting pliers	150 mm
123604	Long nose pliers	200 mm
123610	Multigrip pliers	250 mm

### Probes

- Used to inspect damage, and remove foreign objects from the tread

Ref. No.	Description	Length
5709270	Tyre probe, wooden handle	140 mm
170280	Tyre probe, plastic handle	140 mm



5709270



170280

### Hand brushes



5940000



124789



124798



124791



180325

Ref. No.	Description
5940000	Hand brush, Kokos
124789	Wire hand brush 4-Row
124798	Wire hand brush 5-Row
124791	Hand brush, brass, 4-row
180325	Hand brush brass, bristled

# TYRE REPAIR AND RETREADING Tools

## Fixed arbours

- For secure fastening of buffing tools into buffers and grinders

Ref. No.	Description	Shaft dia.
152000	Arbour For <b>use with:</b> • Buffing rasps 3/8" thread, 3/8" bore	6 mm
5954261	Arbour For <b>use with:</b> • Buffing tools with 14 mm bore	8 mm



Arbour



152000

5954261

## Quick release arbours / adaptors / chucks

- For secure fastening of buffing tools in a quick release coupling

Ref. No.	Description
5196672	Quick release adaptor, 6 mm shaft
5196689	Quick release adaptor, 8 mm shaft
5196692	Quick release adaptor, 10 mm shaft
5196605	Quick release double adaptor
5196603	Quick release chuck, 3/8" - 24
5196610	Quick release adaptor, 3/8" - 24 <b>For use with:</b> • Ø50 mm donut wheels, Ø50 mm contour wheels
5196627	Quick release adaptor, 3/8" - 24, 21 mm thread length <b>For use with:</b> • Ø50 mm Hollow knives, Ø50 mm donut wheels, Ø76 mm contour wheels
5196634	Quick release adaptor M14, 11 mm thread length <b>For use with:</b> • Ø70, 76, 102, 150 mm donut wheels, Ø76, 102 mm contour wheels
5196636	Quick release adaptor 1/2", 35 mm thread length <b>For use with:</b> • Wire brushes with 1/2" bore
5196641	Quick release adaptor R5 <b>For use with:</b> Buffing rasp R5 / R6
112554	Quick release adaptor Airbot hex NV11 <b>For use with:</b> Airbot buffing tools (11255*)



Adaptor



5196672

5196692



5196603

5196610



5196627

5196634



5196636

112554

# TYRE REPAIR AND RETREADING Tools

## Mill cutters

- Used for precision preparation of injuries on radial and cross-ply tyres

- Special profile adapted to steel cord preparation
- Long service life



Ref. No.	Description	Dia.	Mill length	Shaft Length	Speed	Arbour	Adaptor
5954917	Mill cutter, pointed (A3)	3 mm	45 mm	60 mm	2500 rpm	10 mm	5196782
5111781	Mill cutter, pointed (A6)	6 mm	50 mm	110 mm	2500 rpm	6 mm	5196672
5111798	Mill cutter, pointed (B8)	8 mm	50 mm	110 mm	2500 rpm	8 mm	5196689
5111310	Mill cutter, pointed (B10)	10 mm	60 mm	110 mm	2500 rpm	10 mm	5196593
5111320	Mill cutter, pointed (B12)	12 mm	60 mm	110 mm	2500 rpm	10 mm	5196593
5954900	Mill cutter, blunt	3 mm	25 mm	50 mm	25000 rpm	3 mm	5196782
5954924	Mill cutter, pointed	6 mm	25 mm	65 mm	25000 rpm	6 mm	5196672
5954931	Mill cutter, blunt	6 mm	25 mm	65 mm	25000 rpm	6 mm	5196672
5954955	Mill cutter, ball	20 mm			25000 rpm	6 mm	5196672

# TYRE REPAIR AND RETREADING Tools

## Wire brushes

- Used for gentle treatment of rubber steel cord, as well as other applications, incl. cleaning hubs and wheels

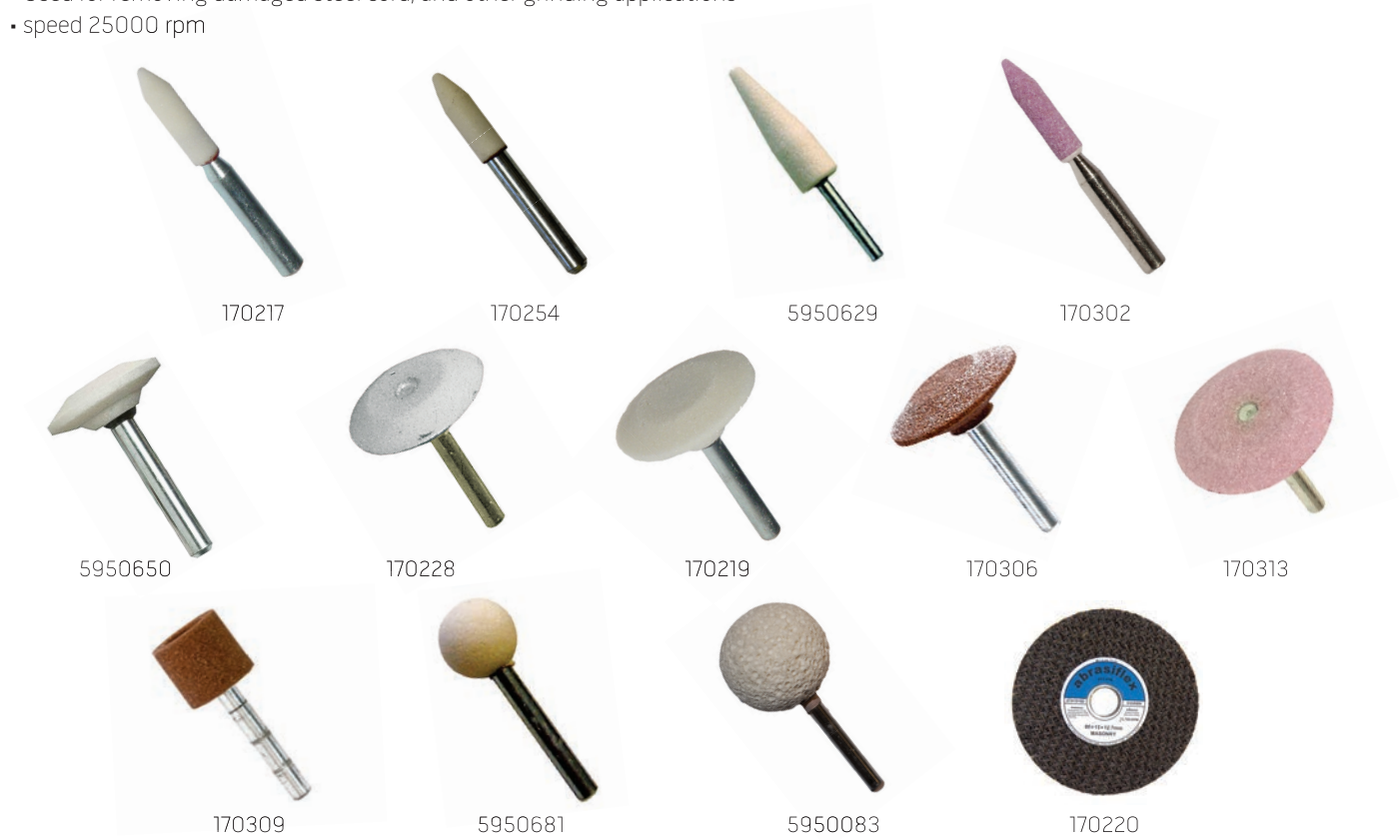



Ref. No.	Description	Width	Bore Ø	Dia.	Arbour	Adaptor
						
124522	Wheel brush - fine cleaning	10 mm	1/2 inch	75 mm	5954034	5196627
124701	Wheel brush - Y1044	1/4 inch	1/2 inch	2 1/2 inch		5196636
124700	Cup brush	17 mm		50 mm	fixed shaft 6 mm hex	
124706	Cup brush	25 mm		75 mm	fixed shaft 6 mm hex	
124783	Wheel brush - decarb	25 mm		50 mm	fixed shaft 6 mm	5196672
5950722	Wheel brush - special rotating	8 mm		55 mm	fixed shaft 6 mm	5196672
124704	Wheel brush	25 mm		50 mm	fixed shaft 6 mm hex	
5950076	Wheel brush - rotary	20 mm		60 mm	fixed shaft 6 mm	5196672
124702	Twistknot cup brush			75 mm		
124793	Twist knot brush			70 mm		
124708	Twist knot brush	13 mm	10x1.5	100 mm		
124799	Skiving brush with double adaptor	13 mm	3/8 inch	75 mm		5196605
124792	Skiving brush		3/8 inch	75 mm		
170226	Rubber brush with embedded wire	7 mm		50 mm		
170275	Rubber brush with embedded wire	10 mm		76 mm		
5954168	Rubber brush with embedded wire	7 mm	1/2 inch	75 mm		5196636
5954560	Pencil brush			8 mm	fixed shaft 6 mm	5196672
5954562	Pencil brush			12.5 mm	fixed shaft 6 mm	5196636

# TYRE REPAIR AND RETREADING Tools

## Grinding stones

- Used for removing damaged steel cord, and other grinding applications
- speed 25000 rpm



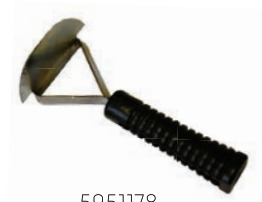
Ref. No.	Description	Width	Dia.	Length	Arbour 	Adaptor 
170217	Pencil stone A15 thin	8 mm	8 mm	25 mm	fixed shaft	
170254	Pencil stone A15 fat	9 mm	9 mm	25 mm	fixed shaft	
5950629	Cone stone	10 mm	20 mm	65 mm	fixed shaft	5196672
170302	Pencil stone A15 pink, Norton	8 mm	25 mm		fixed shaft 6 mm	
5950650	Disc stone	10 mm	40 mm		fixed shaft 6 mm	
170228	Disc stone A37 white	6 mm	32 mm		fixed shaft 6 mm	
170219	Disc stone A36 white	10 mm	32 mm		fixed shaft 6 mm	
170306	Disc stone A36 brown, Norton	10 mm	32 mm		fixed shaft	
170313	Disc stone A36 pink	10 mm	32 mm		fixed shaft 6 mm	
170309	Stone Norton, A39	20 mm	20 mm		fixed shaft 6 mm	
5950681	Ball stone, small		20 mm		fixed shaft 6 mm	
5950083	Ball coral stone, large		38 mm		fixed shaft 6 mm	
170220	Flat stone, original	13 mm	80 mm			5196636

# TYRE REPAIR AND RETREADING Tools

## Tyre scrapers

- Used for thorough cleaning of rubber surfaces / tyre liners after the application of Liquid Buffer

Ref. No.	Description
5951178	Rubber scraper • For flat and curved surfaces



5951178

## Hand rasps

Ref. No.	Description
5960121	Hand rasp, metal handle
5960114	Blade for 5960121
5950021	Hand rasp, wooden handle
5950038	Blade for 5950021



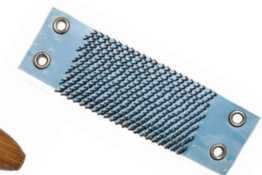
5960121



5960114



5950021



5950038

## Cutting tools



5952067

5952050

5952184

5952191

5952074

5952177

170221

170222

170224

Ref. No.	Description	Length
5952067	Rubber knife, 6"	145 mm
5952050	Rubber knife, 8"	200 mm
5952184	Rubber knife, 10"	250 mm
5952191	Rubber knife, 12"	310 mm
5952074	Skiving knife, 5"	125 mm
5952012	Don Carlos knife 8" adjustable	210 mm
5952177	Don Carlos knife 8" adjustable • with retractable blade	210 mm
170221	Knife, rigid X2T	100 mm
170222	Knife, flexible X2RF	100 mm
170224	Dexter knife, curved X1Y	100 mm

# TYRE REPAIR AND RETREADING Tools

## Cutting tools - continued



Ref. No.	Description	Length
115773	Shoe knife	100 mm
5952139	Offset flexible knife	120 mm
5952036	Rubber knife, curved blade	130 mm
5952287	Scissors, 8", industrial quality	200 mm
5952304	Scissors, 10", industrial quality	250 mm
170270	Tyre cutting knife <ul style="list-style-type: none"> <li>• Special knife to remove original DOT/ serial numbers</li> </ul> <b>Includes:</b> <ul style="list-style-type: none"> <li>• 1 Blade TTHB-1</li> </ul>	
170272	Blade set TTHB-1 <b>For use with:</b> <ul style="list-style-type: none"> <li>• DOT serial numbers knife handle (170270)</li> </ul>	
170223	Hot knife	
170274	Hot box 10" <ul style="list-style-type: none"> <li>• Equipped with an adjustable temperature regulator</li> </ul>	

## TYRE REPAIR AND RETREADING Tools

### Sharpening stones

Ref. No.	Description
119460	Sharpening stone No. 57



119460

### Staplers and staples

- For joining tread splices



135055



135056



135050

Ref. No.	Description	Operating pressure	Staple Width
135055	Stapler, pneumatic	5-6 bar	
135056	Staple remover, heavy duty		
135048	Staples		6 mm
135050	Staples		8 mm
135052	Staples		10 mm
135057	Staples, galvanised		14 mm

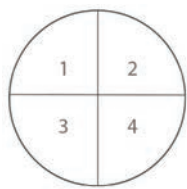
# TYRE REPAIR AND RETREADING

## Buffing Heads and Rasps

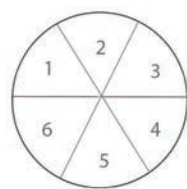
### Buffing rasps

- We supply buffing rasps for all common retreading machines
  - When ordering special sizes please specify the dimensions required
1. Type of buffing rasps: e.g. R4-NS, to measure as A1
  2. Bore Ø: to measure as A2
  3. Keyway size and number: width to measure as A3
  4. Rasp Ø without rocket refills: to measure as A4
  5. Length of pin: length of pin to measure as A5, dia. as A6
  6. Number, type and size of spacers: to measure as A7
  7. Type and number of refill: e.g. APOLLO II U
  8. Buffing machine: e.g. RM 56 N

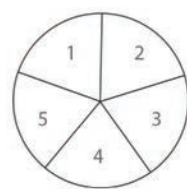
### Buffing rasp-sectors and -diameters without blades



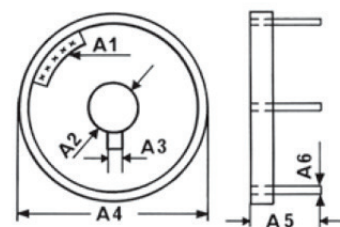
R 4=211 mm  
R 156=138 mm  
R 3=198 mm  
SATURN 2=211 mm



R 115=273 mm  
R 105=251 mm  
SATURN 2=211 mm



SATURN 3=273 mm



112439



112466



112454



112520



112438



112446



112450



112440

Ref. No.	Description	For bolt hole Ø	Contents
112439	SPECIAL JET R4-20, teeth alternately offset in two directions	6 mm	28
112454	SPECIAL JET R115-25, teeth alternately offset in two directions	8 mm	25
112466	APOLLO III • Saturn buffing rasp	8 mm	30
112520	GEMINI I, alternative for R115-25	8 mm	25
112438	SPECIAL JET R3-25, teeth alternately offset in two directions	6 mm	28
112446	SPECIAL JET R4-16, teeth alternately offset in two directions	6 mm	28
112450	SUPER COOL R4-20, teeth alternately offset in two directions	6 mm	28
112443	SPECIAL JET R4-25, teeth alternately offset in two directions	6 mm	28
112440	CACTUS R4	6 mm	28

Ref. No.	Description
112460	RASP R6 Refill



112460

# TYRE REPAIR AND RETREADING

## Buffing Heads and Rasps

### DETREADER blades for buffing machines

For cleaning hand extruder.

Ref. No.	Description	For bolt hole Ø	Contents
112473	DETREADER blades R4-20	6 mm	4



112473

### Buffing heads for retreading machines

- We supply buffing heads for all common retreading machines
- When ordering special sizes please specify the dimensions required

Ref. No.	Description
112432	Rasp head R-4 AP complete <b>For use with:</b> • All Bandag buffs
112499	Rasp head R-115-NS complete <b>For use with:</b> • All Recamic buffs



112499

### Aluminium spacers

Ref. No.	Description	Thickness	Thickness
112478	I beam spacer R-3	4.76 mm	3/16 inch
112307	I beam spacer R-4	9.53 mm	3/8 inch
112308	Air cooled spacer R-4		3/16 inch
112484	Air cooled spacer R-4		1/4 inch
112485	Air cooled spacer R-115		1/4 inch



112307

# TYRE REPAIR AND RETREADING

## Carbides

### Carbide contour wheels



112602



5958865/\*\*  
112535



5954223, 112595,  
5954214, 112559,  
112558, 5954209



112562



5954230, 5954247  
5954248

Ref. No.	Description	Grit	Dia.	Thread	Bore Ø	Arbour		Adaptor		
112600	Contour wheel	14	30 mm	3/8 inch						
112602	Contour wheel	46	30 mm	3/8 inch		152000	5196627			
112535	Contour wheel	14	50 mm	3/8 inch		152000	5196627			
595886518	Contour wheel	18	50 mm	3/8 inch		5954261	5196634			
595886523	Contour wheel	23	50 mm	3/8 inch		152000	5196603			
595886536	Contour wheel	36	50 mm	3/8 inch		152000	5196603			
595886546	Contour wheel	46	50 mm	3/8 inch		152000	5196603			
595886560	Contour wheel	60	50 mm	3/8 inch		152000	5196603			
5954248	Contour wheel	14	76 mm		14 mm	5954261	5196634			
5954223	Contour wheel	18	76 mm		10 mm	152000	5196603			
112595	Contour wheel	18	76 mm		14 mm	152000	5196603			
5954214	Contour wheel	23	76 mm		10 mm	5954261	5196634			
112559	Contour wheel	23	76 mm		14 mm	5954261	5196634			
112558	Contour wheel	36	76 mm		14 mm	5954261	5196634			
5954209	Contour wheel	36	76 mm		10 mm	5954261	5196634			
112562	Contour wheel K375	16	100 mm		14 mm	5954261	5199634			
5954247	Contour wheel	18	102 mm		14 mm	5954261	5196634			
5954230	Contour wheel	36	102 mm		14 mm	152000	5196603			
5954248	Contour wheel	14	102 mm		14 mm	152000	5196603			

# TYRE REPAIR AND RETREADING

## Carbides

### Carbide donut wheels

• Max. speed 4500 rpm



Ref. No.	Description	Grit	Dia.	Width	Thread	Bore Ø	Arbour		Adaptor		Car	Truck	Tractor
							152000	5196603	152000	5196603			
<b>5958795</b> 5958860	Donut wheel	14-16	50 mm	3 mm	3/8 inch		152000	5196603			•		•
<b>5958793</b>	Donut wheel	18	50 mm	3 mm	3/8 inch		152000	5196603			•		•
<b>5958810</b> 5958858	Donut wheel	18	50 mm	5 mm	3/8 inch		152000	5196603			•		•
<b>5958860</b>	Donut wheel	14-16	50 mm	10 mm	3/8 inch		152000	5196603			•		•
<b>5958858</b>	Donut wheel	18	50 mm	10 mm	3/8 inch		152000	5196603			•		•
<b>5958827</b>	Donut wheel	18	50 mm	19 mm	3/8 inch		152000	5196603			•		•
<b>112578</b> 5958791 5958792	Donut wheel	16	70 mm	12 mm	3/8 inch		152000	5196603			•		•
<b>5958791</b>	Donut wheel	14	76 mm	16 mm		14 mm	5954261	5196634			•		•
<b>5958792</b>	Donut wheel	18	76 mm	16 mm		14 mm	5954261	5196634			•		•
<b>112577</b>	Donut wheel	14	100 mm	4 mm	3/8 inch		152000	5196603					•
<b>112561</b>	Donut wheel	16	100 mm		1/2 inch								
<b>112597</b>	Donut wheel	14	102 mm	19 mm		14 mm	5954261	5196634					•
<b>112560</b>	Donut wheel	18	102 mm	19 mm		14 mm	5954261	5196634					•
<b>112598</b>	Donut wheel squashed	18	102 mm	15 mm									
<b>5958861</b>	Donut wheel	16	108 mm	10 mm		14 mm							
<b>112539</b>	Donut wheel	14	150 mm	32 mm		60 mm	5954261						•
<b>Accessories:</b>													
<b>112290</b>	Carbide hub flanges • To be used with large donut wheels • Can be manufactured to specific bore • For use with 112539 Donut Wheel					14 mm							•

# TYRE REPAIR AND RETREADING

## Carbides

### Carbide donut wheels - Airbot

B&J AIRBOT ®

- Improved cooling
- Rounder buffing profile
- Longer life
- Faster grinding cycles



112551  
112552



112556  
for OTR repair

Ref. No.	Description	Grit	Dia.	Width	Bore Ø	
112551	AIRBOT ®	14	50 mm	10 mm	3/8"	•
112552	AIRBOT ®	18	50 mm	10 mm	3/8"	•
112556	AIRBOT ®	16	150 mm	13 mm	1/2"	•

### Carbide donut wheels - Airbot

- For buffing tread ends and flat surfaces
- Max. speed 4500 rpm



112565



112569



112574  
112575

Ref. No.	Description	Grit	Dia.	Width	Bore Ø	Arbour	Adaptor
112565	Carbide flat wheel	36	50 mm	25 mm	3/8"	152000	5196627
112569	Carbide flat wheel	23	75 mm	25 mm	3/8"	152000	5196624
112574	Carbide flat wheel	18	102 mm	50 mm		5954261	5196634
112575	Carbide flat wheel	36	102 mm	50 mm	1/2"	5954261	5196634

### Carbide ball

- For small skives
- Max speed 4500 rpm

Ref. No.	Description	Grit	Dia.		
5958920	Carbide ball rasp	18	20 mm	Fixed shaft 8 mm	51996689



5958920

# TYRE REPAIR AND RETREADING

## Carbides

### Carbide pencil rasp and cones

- For larger holes
- Max. speed 4500 rpm



5958872



5958889



5958890

Ref. No.	Description	Grit	Dia.	Length	Thread	Arbour		Adaptor		Truck	Tractor	Mower
						Arbour	Adaptor					
5958872	Carbide cone, pointed	18	25 mm	50 mm	3/8 inch	152000	5196603	•	•	•		
5958889	Carbide cone, pointed	18	27 mm	102 mm	3/8 inch	152000	5196603	•	•	•		
5958890	Carbide cone, round nose	14	19 mm	38 mm	3/8 inch	152000	5196603					



5958896



5958913



112583



5950753



112582

Ref. No.	Description	Grit	Dia.	Length	Arbour	Adaptor	Truck	Tractor	Mower	Mower
5958896	Pencil rasp	18	6 mm	102 mm	fixed shaft 6 mm	5196672	•	•	•	
5958913	Pencil rasp	36	6 mm	102 mm	fixed shaft 6 mm	5196672	•	•	•	
112583	Pencil rasp	36	6 mm	64 mm	fixed shaft 6 mm	5196672	•	•	•	
5950753	Pencil rasp	18	8 mm	65 mm	fixed shaft 8 mm	5196689	•	•	•	
112582	Pencil rasp	18	8 mm	170 mm	fixed shaft 8 mm	5196689	•	•	•	

### Carbide sanding discs

- For conveyor belts and tyre sidewall cleanup
- Max. speed 4500 rpm

Ref. No.	Description	Grit	Dia.	Bore Ø
112585	Sanding disc	18	4" / 102 mm	22 mm
112603	Sanding disc	36	4" / 102 mm	22 mm
112579	Sanding disc	18	5" / 125 mm	22 mm
112580	Sanding disc	23	5" / 125 mm	22 mm
112586	Sanding disc	18	7" / 175 mm	22 mm
112587	Sanding disc	23	7" / 175 mm	22 mm



112585, 112603

# TYRE REPAIR AND RETREADING

## Carbides

### Carbide rotar saws

- For cleaning and rounding small splits
- Max speed 4500 rpm




Ref. No.	Description	Grit	Dia.	Width	Arbour		Adaptor	
								
112285	Rotar saw mini	23	15 mm	3 mm		fixed shaft 6 mm		5196672
112584	Rotar saw	23	30 mm	4 mm		fixed shaft 6 mm		5196672



### Hollow knives

- For the removal of large volumes of rubber in tyre repairs
- Max speed 25000 rpm



Ref. No.	Description	Dia.	Bore Ø		 	
5954288	Hollow knife, thin wall	19 mm	3/8"	5196610	•	•
5954290	Hollow knife, heavy wall, threaded	32 mm	3/8"	5196610	•	•
5954296	Hollow knife, heavy wall, threaded	50 mm	3/8"	5196610		•
5954298	Hollow knife, thin wall	50 mm	3/8"	5196610		•
5954299	Hollow knife, thin wall	50 mm	1/2"	5196610		•

# TYRE REPAIR AND RETREADING

## Buffing Motors & Accessories

### Buffing Motors

- High-quality motors for drive shafts
- Modern, user-friendly and safety orientated motor technology
- High torque
- Includes motor brake



5951289

Ref. No.	Description	Rotating speed	Voltage	Power	Shaft
5951289	Buffing motor, low	1400rpm	220/240V	1.1/1.5 kW/PS	W15
	Buffing motor, high	2800rpm	220/240V	1.1/1.5 kW/PS	W15
	Buffing motor, 2-speed	1400/ 2800rpm	380/400V	1.1/1.5 kW/PS	W15

### Accessories and spare parts



5951305



5950490



5954285



5951381



5950461

Ref. No.	Description
5951305	Safety switch for shaft hand piece required for all buffing motors 5951265, 5951272, 5951289
5950490	Flexible shaft W15, with rubber cover and handle, approx. 2000 mm required for all buffing motors 5951265, 5951272, 5951289
5954285	Flex drive arbour MK1, 14 mm required for all buffing motors 5951265, 5951272, 5951289
5951381	Mobile stand "universal"
5950431	Spare inner shaft for flexible shaft W15 (5950492)
5950928	Spare rubber cover for flexible shaft W15 (5950492)
5950461	Spare aluminium handpiece for flexible shaft W15 (5950492) and W12

# TYRE REPAIR AND RETREADING Vulcanising Machines & Accessories

## Thermopress TP II ECONOMY (Truck)

- Allows economic repair for truck tyres as well as car and smaller diameter ag tyres
- Suitable for most minor injuries in radial and cross-ply tyres
- Vulcanizing temperature approx 160°C

Ref. No.	Description
<b>5171525</b>	Thermopress II ECONOMY, 230 V <b>Includes:</b> <ul style="list-style-type: none"> <li>• 5173570 2 heating plates</li> <li>• 5177189 1 timer unit 0 - 120 min</li> <li>• 5171295 1 U clamp (METAL BOW C-BEND)</li> <li>• 5173248 1 extension for heating plate (clamp foot short)</li> <li>• 5171989 1 pressure equalizing pad (car/ small)</li> <li>• 5172438 1 pressure equalizing pad (truck/ large)</li> <li>• 5173231 1 rubber cover for car tyres</li> <li>• 5177165 1 rubber cover for truck tyres</li> <li>• 5177158 1 upper heat plate cover</li> <li>• 5172294 1 base plate</li> <li>• Instruction manual</li> </ul>



5171525

## Accessories / Spare Parts - Thermopress TP II ECONOMY



5173640



5173570



5173571



5173572



5177189

Ref. No.	Description	Electric power/ connection					
<b>5173640</b>	Spare heating plate Thermopress, without aluminium casing • For Thermopress II ECONOMY (5171525)	230V/ 270W	•	•	•	•	•
<b>5173570</b>	Heating head complete 160°C 230V						
<b>5173571</b>	Spring assembly for heating head (5173570)						
<b>5173572</b>	Adapter for lower heating head (5173570)						
<b>5177189</b>	Timer 120 min						

TYRE REPAIR AND RETREADING  
Vulcanising Machines & Accessories

Aluminium heating plates



5171958



5173327



5173365








5173310



5173963



5173970

Ref. No.	Description	Size L x W					
5171958	Aluminium heating plate	200 x 130 mm	▪	▪	▪	▪	▪
5173327	Sidewall pressure plate B3 • Used for sidewall repairs on truck tyres, 80 series	208 x 130 mm			▪		
5173365	Tread pressure plate • Used on the tread (inside)	210 x 140 mm			▪	▪	▪
5173310	Aluminium heating plate profile shape, flat (truck, tractor) • Used on the tread (outside)	225 x 150 mm				▪	▪
5173963	Aluminium heating plate profile shape, contour/ curved • Used on the truck tyre tread (outside) and shoulder	225 x 150 mm			▪		
5173970	Aluminium contour segment • Used on the truck tyre tread (outside) and shoulder • With heating plate curved (5173963)	225 x 150 mm			▪		

# TYRE REPAIR AND RETREADING Vulcanising Machines & Accessories

## Accessories / Spare Parts - Thermopress TP II ECONOMY (Truck) - continued



5173231, 5177165



5173255

Ref. No.	Description	Voltage	Size				
5173231	Rubber cover (car) <b>For use with:</b> • Thermopress II ECONOMY (5171501), lower heating plate			•			
5177165	Rubber cover (truck) <b>For use with:</b> • Thermopress II ECONOMY (5171501)				•	•	•
5173255	Rubber pre-heating plate • For uncured REMA TIP TOP rubber materials, making them more flexible • Particularly recommended for rubber materials stored below 15°C • Temperature approx. 85°C	220/240 V	515 x 205 x 25 mm				

## Pressure equalising pads

Ref. No.	Description	Size L x W			
5172438	Pressure equalising pad (car) small	180 x 130 mm	•		
5171989	Pressure equalising pad (truck) large	210 x 150 mm		•	
5171965	Pressure equalising pad (tractor) long	260 x 100 mm			•



5172438



5171972

## Heat resistant foil

- This special foil is placed between the repair area and the heating plate
- Prevents the repair from sticking to the Thermopress heating plate

Ref. No.	Description	Colour	Size L x W	Contents
5171972	Heat resistant foil	yellow	160 x 75 mm	1000 sheets
5176977	Heat resistant gliding foil	white	500 x 300 mm	10 sheets



5176977

# TYRE REPAIR AND RETREADING

## Rema Vulc

### Rema Vulc

Benefits:

- Hot Vulcanisation repairs for all tyre types
- Low investment- for a quick return on purchase price
- Single stage repair system – filling and patch vulcanised simultaneously
- Only one control box needed for all tyre sizes
- Electronic temperature controller
- Digital timer
- Inbuilt Safety features
- Easy-to-handle mechanism

Ref. No.	Description
5599976	<ul style="list-style-type: none"> <li>• REMAVULC can repair the world's largest OTR tyres</li> <li>• 1-way repair system, adaptable to a 2-way system</li> <li>• Digital temperature controller adjustable to 160°C max.</li> <li>• Curing temperature achievable from heating elements 100°C to 160°C</li> <li>• Digital timer, adjustable to all possible curing times.</li> <li>• Visual and acoustic alarm feature in case of an incident</li> <li>• Automatic shut down in case of a system malfunction</li> <li>• Flat bag pressure approx. 2.4 bar</li> <li>• Automatic pressure release and bag deflation routines</li> <li>• Power supply 230V/50 Hz</li> </ul>



5599976

### Rema Vulc accessories

Ref. No.	Description	Size
5599998	Head Pad	460 x 460 mm
5599156	Air bag	550 x 550 mm
5599218	Filler bag	250 x 350 mm
5599232	Harness	600 x 600 mm
5599248	Control Panel Stand	225 x 150 mm

# TYRE REPAIR AND RETREADING

## Thermopress EM Machines

### Thermopress EM machines

- Hot vulcanising machine for repairing tread, shoulder or sidewall injuries of radial and cross-ply OTR/EM tyres, with the use of REMA TIP TOP repair patches
- Truck tyre adaptors are not included

Ref. No.	Voltage	Operating pressure	Pressing power	Curing temperature	Size Lx W x H mm	Weight
5177701	230 V	4 - 8 bar	approx. 3 t	approx. 175°C	2550 x 2110 x 1170/1370	270 kg
5175002	230 V	max. 160 bar		approx. 175°C	2600 x 2500 x 1770	459 kg
5177804	380V	max. 160 bar		approx. 175°C		1300 kg

Ref. No.	Description
5177701	<p>Thermopress EM I, pneumatic</p> <ul style="list-style-type: none"> <li>• Sturdy construction provides easy maintenance and a long service life</li> <li>• Adapts to every repair position by a built-in tilting and swivelling mechanism</li> <li>• Integrated electronic temperature controller with display</li> <li>• Upper parts of frame zinc-plated</li> <li>• Electronic temperature control with digital temperature display for each heating plate</li> <li>• Electronic curing time control, from 0 to 99 hours</li> <li>• Pneumatic pressure system, max. pressing power approx. 3 tons at 8 bar (115 PSI)</li> </ul> <p><b>Includes:</b></p> <ul style="list-style-type: none"> <li>• 1 Thermopress EM heating plate No. 1</li> <li>• 1 Thermopress EM heating plate No. 2</li> <li>• 1 User's manual</li> <li>• 1 Mobile undercarriage</li> <li>• 1 Energy block/control unit</li> <li>• 1 Complete frame</li> <li>• 2 Pressure plates</li> <li>• Different slip-on contour segments</li> </ul> <p><b>For use with:</b></p> <ul style="list-style-type: none"> <li>• EM tyres up to size 33.25-35</li> </ul>



5177701

Ref. No.	Description
5175002	<p>Thermopress EM II, electro-hydraulic</p> <ul style="list-style-type: none"> <li>• Universal frame adjustment, suitable for the repair of radial and cross-ply tyres up to size 30.00-51 in the basic version</li> <li>• Larger sizes possible using Giant Accessory Pack - 5175727</li> <li>• Electronic temperature controller with digital display of actual and desired temperature</li> <li>• Upper parts of frame zinc-plated</li> <li>• Electronic temperature control with digital temperature display for each heating plate</li> <li>• Electronic curing time control, from 0 to 99 hours</li> </ul> <p><b>Includes:</b></p> <ul style="list-style-type: none"> <li>• 1 Mobile undercarriage</li> <li>• 1 Energy block/control unit</li> <li>• 1 Complete frame</li> <li>• 3 Pressure plates</li> <li>• 1 Thermopress EM heating plate No. 2</li> <li>• 1 Thermopress EM heating plate No. 3</li> <li>• 1 User's manual</li> <li>• Different slip-on contour segments</li> </ul>



5175002

# TYRE REPAIR AND RETREADING

## Thermopress EM Machines

### Thermopress EM Machines

Ref. No.	Description
5175727	<p>Thermopress EM accessory GIANT Includes:</p> <ul style="list-style-type: none"> <li>• 1 Frame slip-on adapter</li> <li>• 1 Retaining bolt, dia = 20 mm</li> <li>• 1 Retaining tube 50 x 280 mm</li> <li>• 1 Heating plate support, short, 80 x 435 mm</li> <li>• 1 Heating plate support, medium, 80 x 645 mm</li> <li>• 1 Heating plate support, long, 80 x 1005 mm</li> </ul> <p><b>For use with:</b></p> <ul style="list-style-type: none"> <li>• Thermopress EM II</li> <li>• EM tyres up to 40.00-57"</li> </ul>



5175727

Ref. No.	Description
5177804	<p>Thermopress EM III, electro-hydraulic</p> <ul style="list-style-type: none"> <li>• For the repair of large EM tyres from 30.00-51 to 67.5/60-51 and 54.00 using REMA TIP TOP OTR/EM repair patches</li> <li>• Mobile construction with universal tilt-and-swivel frame</li> <li>• Digital instrumentation and electronic control ensure the right pressure, temperature and cure time</li> <li>• Can also be connected to 230 V</li> <li>• Upper parts of frame zinc-plated</li> <li>• Electronic temperature control with digital temperature display for each heating plate</li> <li>• Electronic curing time control, from 0 to 99 hours</li> <li>• Hydraulic pressure system with resetting device</li> </ul> <p><b>Includes:</b></p> <ul style="list-style-type: none"> <li>• 1 Movable undercarriage</li> <li>• 1 Energy block/control unit</li> <li>• 1 Complete undercarriage</li> <li>• 2 Pressure plates</li> <li>• 1 Thermopress EM heating plate No. 3 - 5176032</li> <li>• 1 Thermopress EM heating plate No. 4 - 5176252</li> <li>• 1 User's manual</li> <li>• Different slip-on contour segments</li> </ul>



5177804

TYRE REPAIR AND RETREADING  
Thermopress EM Machines

Thermopress EM Machine/ Application Chart

Type of Thermopress EM	Tyres Size	Diameter inch	mm	Width inch	mm	Weight lb	kg
Thermopress EM-I (Ref. No. 5177701)	12.00-24	48.4	1229	13.3	338	298	135
	14.00-24	55.6	1412	14.5	368	444	201
	15.5-25	49.4	1255	15.5	399	189	186
	16.00-25	59.6	1521	17.3	439	705	320
	17.5-25	55.5	1410	17.9	455	280	127
	18.00-25	66.3	1684	20.3	516	972	441
	20.5-25	61.3	1558	22.8	538	402	182
	21.00-25	69.4	1763	23.7	604	636	288
	23.5-25	65.9	1673	24.6	617	612	278
	26.5-25	70.8	1798	27.7	703	843	382
	29.5-25	75	1904	31.7	805	1050	476
	29.5-29	79.6	2023	30.3	770	1182	536
	18.00-33	73.7	1871	19.7	501	861	391
Thermopress EM-II (Ref. No. 5175002)	26.5-25	70.8	1798	27.7	703	843	382
	29.5-29	79.6	2023	30.3	770	1182	536
	33.25-29	81.7	2074	32.9	835	1720	780
	30.00-33	94.5	2400	33.5	851	1701	774
	33.5-33	88.6	2251	34.2	869	2988	1355
	33.25-35	88.7	2252	34.1	865	1904	864
	37.5-39	102.4	2600	40.2	1021	4614	2093
	24.00-49	100.1	2543	27.3	693	1861	844
	27.00-49	106.3	2700	29.6	752	2420	1098
	30.00-51	115.1	2924	34	864	3039	1378
Thermopress Giant For use with EM-II (Ref. No. 5175727)	45/65-45	107.5	2730	45	1143	5586 3855	2534
	60/65-39	95.0	2420	42.4	1077	5792	1749
	36.00-51	125.8	3196	39.3	997	6867	2627
	37.00-57	135.5	3442	40.2	1022	7849	3115
	40.00-57	139.8	3552	44.3	1125		3560
Thermopress EM-III (Ref. No. 5177804)	67.5/60-51	104.9	2665	75.6	1920	13200	5987
	50/80-57	155.3	3944	54.2	1376	9500	4309
	53.5/85-57	159.4	4050	56.7	1440	11841	5371
	54.5/80-57	153.4	3900	58.4	1483	12300	5579
	55/80R57	157.4	4000	55.3	1404	12565	5700
	58/85-57	155.9	3961	55.5	1410	13000	5897
	65/65-57	147.0	3735	64.6	1641	14846	6734
	55/80R63	154.0	3913	54.3	1380	10360	4699
	59/80R63	158.6	4030	58.3	1480	11684	5300

The above is a collection of data from most popular tyre-sizes. Please note that weight, width and diameter are approximate values and may vary according to the type and brand of the tyre being used.

# TYRE REPAIR AND RETREADING

## Thermopress EM Machines

### Thermopress EM heating plate

- Complete with heating mat and heating pocket



5176032



5173310

Ref. No.	Description	Size L x W			
5176032	Thermopress EM heating plate No. 3 • Thermopress EM II (5175002)	approx. 430 x 430 mm			•
5176252	Thermopress EM heating plate No. 4 <b>For use with:</b> • Thermopress EM II (5175002) • Thermopress EM III (5177804)	approx. 530 x 530 mm			•
5176040	Thermopress EM heating plate No. 5 <b>For use with:</b> • Thermopress EM III (5177804)	approx. 750 x 550 mm			•
5173310	Aluminium heating plate profile shape, flat <b>For use with:</b> • Tread (outside)	approx. 225 x 150 mm		•	•

### Thermopress EM heating mats

#### Note on maintenance:

- The life of the EM heating mat can be considerably prolonged by powdering it with talcum before every use
- We recommend that the EM heating plate and EM heating pocket be exchanged together



5175215



5175239




5175246

Ref. No.	Description	Electric power/ connection	Size L x W			
5175215	Thermopress EM heating mat size 1 <b>For use with:</b> • Thermopress EM I (5177701) • Thermopress EM II (5175002)	350 W	190 x 190 mm	•	•	•
5175222	Thermopress EM heating mat size 2 <b>For use with:</b> • Thermopress EM I (5177701) • Thermopress EM II (5175002)	450 W	265 x 265 mm	•	•	•




# TYRE REPAIR AND RETREADING

## Thermopress EM Machines

### Thermopress EM heating mats – continued

Ref. No.	Description	Electric power/ connection	Size L x W	
5175239	Thermopress EM heating mat size 3 <b>For use with:</b> • Thermopress EM II (5175002) • Thermopress EM III (5177804)	800 W	365 x 365 mm	•
5175246	Thermopress EM heating mat size 4 <b>For use with:</b> • Thermopress EM II (5175002) • Thermopress EM III (5177804)	1100 W	450 x 470 mm	•
5175260	Thermopress EM heating mat size 5 <b>For use with:</b> • Thermopress EM III (5177804)	2000 W	735 x 545 mm	•

### Thermopress EM heating pockets

Ref. No.	Description	Size L x W			
5176207	Thermopress EM heating pocket size 1 <b>For use with:</b> • Thermopress EM I (5177701)	230 x 230 x 18 mm	•	•	•
5175033	Thermopress EM heating pocket size 2 <b>For use with:</b> • Thermopress EM I (5177701) • Thermopress EM II (5175002)	330 x 330 x 35 mm	•	•	•
5175040	Thermopress EM heating pocket size 3 <b>For use with:</b> • Thermopress EM II (5175002)	455 x 430 x 35 mm			•
5176276	Thermopress EM heating pocket size 4 <b>For use with:</b> • Thermopress EM II (5175002) • Thermopress EM III (5177804)	555 x 530 x 35 mm			•
5175961	Thermopress EM heating pocket size 5 <b>For use with:</b> • Thermopress EM III (5177804)	810 x 645 x 35 mm			•

### Pressure compensation cloth

- Prevents the EM heating pockets from adhering to the skive
- Better pressure distribution
- Bubble-free release of air from the skive
- Blocks the excess rubber
- Reusable

Ref. No.	Description	Width
5381009	Pressure equalising cloth • sold by the lineal metre	1250 mm



# TYRE REPAIR AND RETREADING

## Thermopress EM Machines & Extruders

### Thermopress EM - Spare parts

Ref. No.	Description
5578410	Square wrench SW 17 <b>For use with:</b> <ul style="list-style-type: none"> <li>• Thermopress EM I (5177701)</li> <li>• Thermopress EM II (5175002)</li> <li>• Thermopress EM III (5177804)</li> </ul>
5580082	Locking pin <b>For use with:</b> <ul style="list-style-type: none"> <li>• Thermopress EM I (5177701)</li> <li>• Thermopress EM II (5175002)</li> <li>• Thermopress EM III (5177804)</li> </ul>
5573972	Electrical temperature controller <b>For use with:</b> <ul style="list-style-type: none"> <li>• Thermopress EM I (5177701)</li> <li>• Thermopress EM II (5175002)</li> <li>• Thermopress EM III (5177804)</li> </ul>
5574013	Digital timer 24 hours <b>Includes:</b> <ul style="list-style-type: none"> <li>• 1 Clock</li> <li>• 1 Base</li> <li>• 1 Terminal cover Y92A-48G</li> <li>• 1 Adapter for front panel installation</li> <li>• 1 Rubber seal</li> </ul>
5175734	Thermopress EM control box <b>For use with:</b> <ul style="list-style-type: none"> <li>• Thermopress EM II (5175002)</li> </ul>
5573783	Thermopress EM green power board <b>For use with:</b> <ul style="list-style-type: none"> <li>• Thermopress EM I (5177701)</li> <li>• Thermopress EM II (5175002)</li> <li>• Thermopress EM III (5177804)</li> </ul>



5573972

- For use with:**
- Thermopress EM I (5177701)
  - Thermopress EM II (5175002)
  - Thermopress EM III (5177804)

### Extruders



175000



175200

Ref. No.	Description	Electric power/ con- nection	Rubber through- put	Operating pres- sure	Weight	Temperature range
175000	Extruder mini 685, pneumatic	240/550 V/W	18 kg/h	5 - 8 bar	3.8 kg	0 - 120°C
175200	Extruder EM - Electric driven	220/1600 V/W	40kg/h	12 - 15 bar	13 kg	0 - 120°C

# TYRE REPAIR AND RETREADING

## Extruders

### Extruders - spare parts



Ref. No.	Description	Electric power/ connection
175105	Heating cartridge • We recommend using heat conducting paste in order to install the electric heating element <b>For use with:</b> • Extruder mini 685 (175000)	240V/ 350W
175215	Heating cartridge • We recommend using heat conducting paste in order to install the heating element <b>For use with:</b> • Extruder GIANT EM (175200)	230V/ 800W
175110	Thermostat, adjustable <b>For use with:</b> • Extruder mini 685 (5177505) • Extruder giant EM	
175007	Extruder mini head plate	
175008	Extruder mini nozzle adaptor	
175115	Extruder giant EM head plate	
175205	Extruder EM electric drill	
175207	Extruder EP replacement brushes	
175210	Extruder EM800 watt front end complete	
175100	Extruder mini screw (worm shaft)	
5177516	Extruder EM worm shaft 18 x 202	
175009	Extruder EM adaptor sleeve	
175012	Extruder EM morse/tang shaft	
175014	Extruder EM square joint	
175006	Extruder mini ugello nozzle	

MODELLO/MODEL 688 EM			MODELLO/MODEL 688 EM		
ELEM	DESCRIZIONE	NUMERO PARTE	ELEM	DESCRIZIONE	NUMERO PARTE
1	UGELLO / SHAPED NOZZLE	686/01	16	TERMOSTATO / THERMOSTAT	685/15
2	RACCORDO / NOZZLE ADAPTER	686/02	17	SCATOLA IMP. ELETTRICO / BOX	685/16
3	VITE FLANGIA / SCREW HEAD CAP	685/03	18	VITE SCATOLA	685/17
4	FLANGIA / HEAD	686/04	19	VITE TERMOSTATO / SCREW THERMOSTAT	685/18
5	RETINA / COOLING SLEEVE	686/05	20	GHIERA TERMOSTATO °C / KNOB	685/19
6	MANIGLIA / HANDLE	686/06	21	GHIERA TERMOSTATO °F / KNOB	685/191
7	CORPO ESTRUSORE / CENTRAL BODY	688/07	22	LAMPADINA 220V / 110V / PILOT LIGHT	685/20
8	COLLARE / CLAMP	688/08	23	CAVO CON SPINA / CORD AND PLUG	685/21
9	VITE ESTRUSORE / EXTRUDER SCREW	686/09	24	BILANCIATORE / RETRACT. REEL	671/10
10	GIUNTO / SQUARE JOINT	688/10	25	PRESSACAVO / FAIR LEAD CORD	685/25
11	CODDLO / TANG	688/11	26	MORSETTO ELETTRICO / TERMINAL BLOCK	685/27
12	PISTOLA CASALS / CASALS DRILL	688/12	27	BOCCOLA CEMENTATA / FRONT BUSHING	686/29
13	RESISTENZA 220V / HEAT ELEMENT 220V	687/13	28	BRONZINA INTERNA / BACK BUSHING	686/30
14	RESISTENZA 110V / HEAT ELEMENT 110V	687/14			
15	RES. BASSA TENS. / HEAT ELEMENT LOW TEN	687/141			

## TYRE REPAIR AND RETREADING

### Vent Materials

#### Vent Materials

Ref. No.	Description	Size
135200	VENT webbing	38 mm x 50 m
135203	VENT stretch pads	8" x 15"
135204	VENT pli	6" x 100 yd
135207	VENT stretch pads	8" x 20"
112502	POLYVENT Large hole	300 mm

#### Tyre sealant

Ref. No.	Description	Size
170438	Tyre sealant, Anti Corrosive	20 litre
170442	Handpump for Tyre sealant, (170438)	
170428	Tyre sealant, NEVERFLAT	250 ml
170430	Tyre sealant, NEVERFLAT	500 ml
170432	Tyre sealant, NEVERFLAT	1 litre
170434	Tyre sealant, NEVERFLAT	10 litre
170436	Tyre sealant, NEVERFLAT	20 litre



170438



170442



170432



170434



170450



170451

#### Leak Detector

- Non-hazardous chemical to spray on an inflated tyre to locate an air leak
- Bubbles will indicate the position of a puncture/ leak
- An alternative when installing a dip tank is not an possible

Ref. No.	Description	Size
170450	Leak Detector Spray Bottle	1 litre
170451	Leak Detector Refill	5 litre

# TYRE REPAIR AND RETREADING

## Envelopes & Tyre Paint & Mould Release

### Retreading Envelopes

Ref. No.	Description	Skirt
136700	Envelope 3211 ROBBINS	Extended
136708	Envelope 3511 ROBBINS	Extended
136710	Envelope 3812 ROBBINS	Extended
136724	Envelope 4213 ROBBINS	Extended
136701	Envelope 4214 ROBBINS	Extended
136702	Envelope 4215 ROBBINS	Extended
136726	Envelope 4415 ROBBINS	Extended



112505



136795

### Envelope Lube

Ref. No.	Description	Size
136795	Envelope lube ERL-170	20 litre

### Tyre Paint

Ref. No.	Description	Size
170405	Tyre paint, New Look	20 litre
170415	Tyre paint, New Look	200 litre
170408	Tyre paint, Retreader	20 litre



170408

### Mould Release

Ref. No.	Description	Size
115852	Mould release, premixed	20 litre



115852