



// ONE BRAND // ONE SOURCE // ONE SYSTEM



PREMIUM LINE

premiumline.rema-tiptop.com

NEXT GENERATION TIRE REPAIR

Stronger than ever – the new PREMIUM LINE

PREMIUM LINE CONTENT

Content

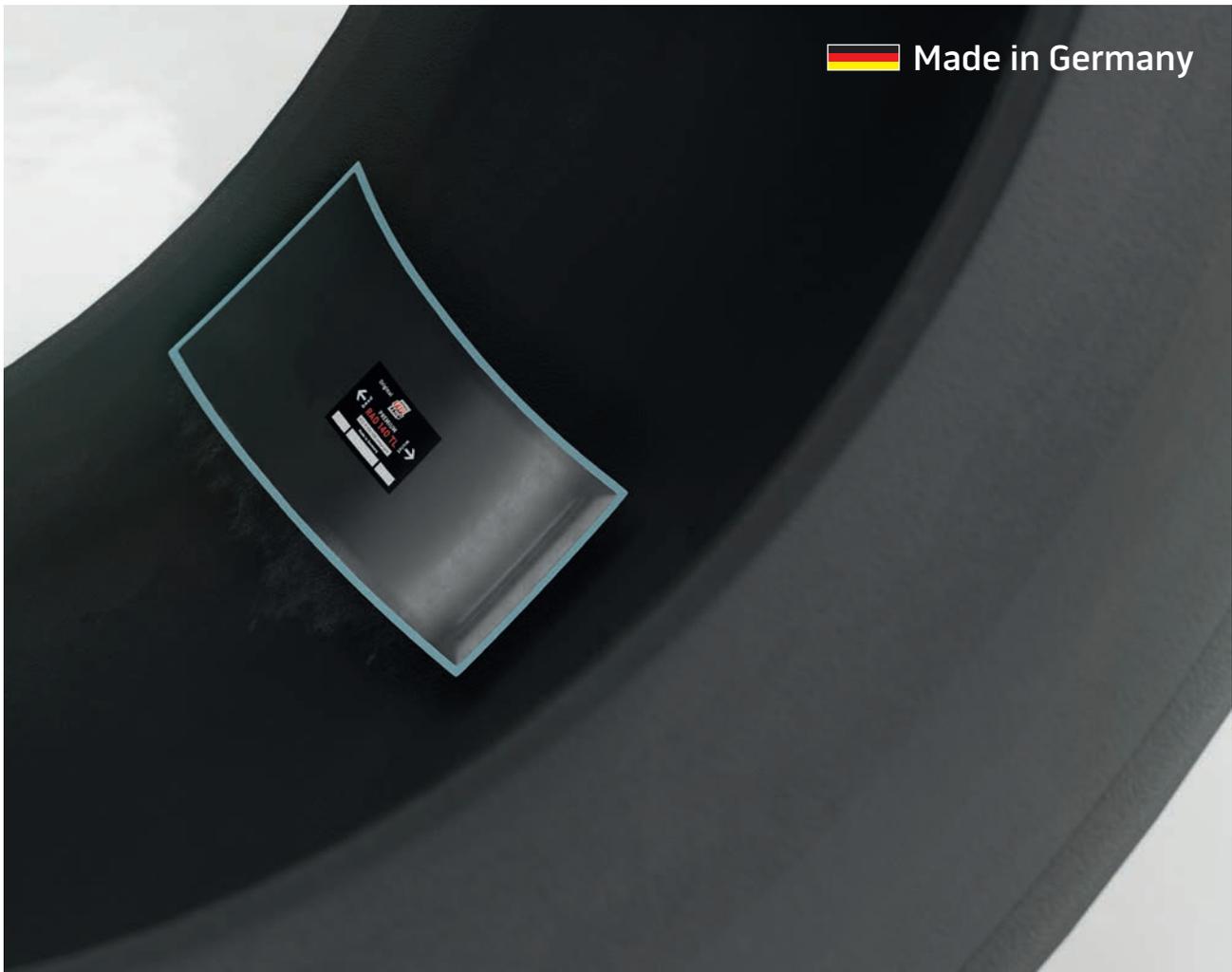
PREMIUM LINE – Benefits	3
PREMIUM LINE – Bimodal bonding layer The innovation in tire repair	4-5
PREMIUM Radial Patch	6-7
PREMIUM Diagonal Patch	8-9
PREMIUM Quick Repair	10-11
Overview Radial Patch	12-13
Overview Diagonal Patch	14-15
Overview Quick Repair	16-17



PREMIUM LINE BENEFITS

The highest quality standards, many years of experience and comprehensive expertise – this is the base for a genuine innovation from REMA TIP TOP: The PREMIUM line of patches for the next generation in tire repair and retreading.

The PREMIUM repair patch offers exceptionally high adhesion thanks to a specially developed bimodal bonding layer – for even more precise and easier application.



PREMIUM benefits at a glance

- High initial adhesion during application (Green Tack): The requirements of ECE-R 108/109 are met and even exceeded.
- Designed to meet the demanding requirements of tire repairers, retreaders and fleets.
- Suitable for very demanding applications on all tire types of passenger car, L-truck, truck as well as forklift, farm tractor, industrial and heavy earthmoving tires.
- Service package included: Training in the REMA TIP TOP Academy, technical advice, 24/7 customer service, guarantee for short delivery times.

BIMODAL BONDING LAYER

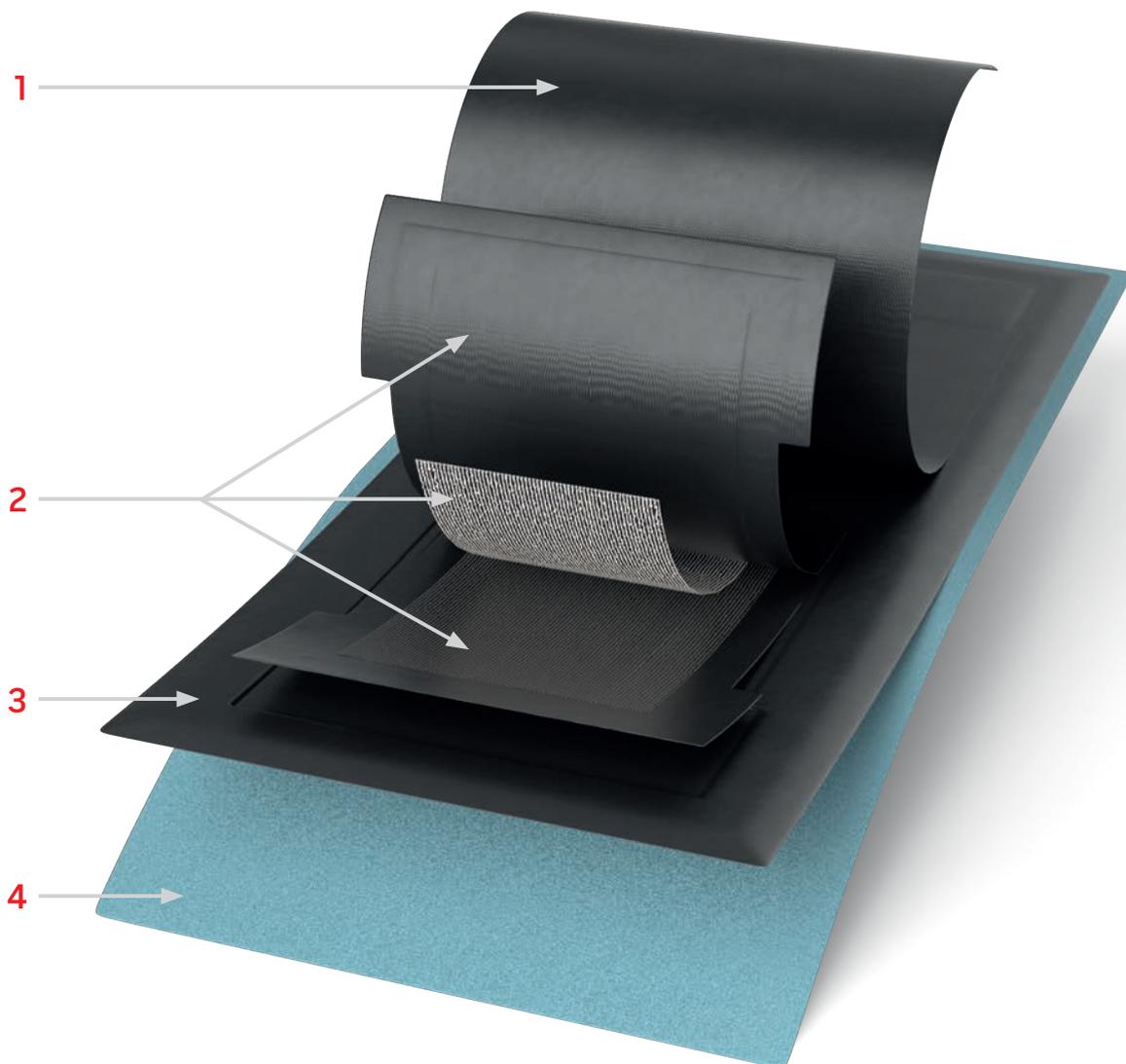
THE INNOVATION IN TIRE REPAIR

World innovation of REMA TIP TOP: the specially developed bimodal bonding layer made of a combination of different types of rubber ensures an exceptionally high initial adhesion (Green Tack) and structural strength to the tire.

The improved plastic properties of the bimodal bonding layer ensure the highest adhesion values and thus the best possible quality for a durable tire repair.

BIMODAL BONDING LAYER

RADIAL PATCH

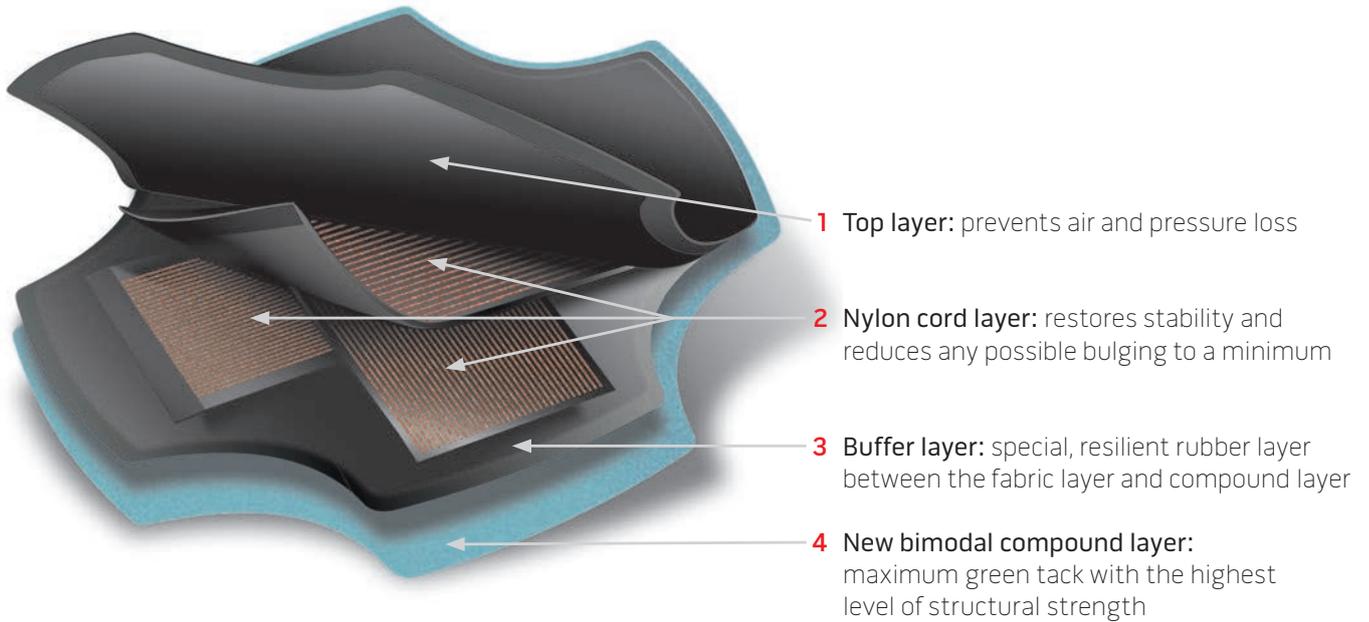


1. **Top layer:** prevents air and pressure loss
2. **Rayoncord/Aramidcord package:** restores stability and reduces possible bulging to a minimum
3. **Buffer layer:** special, resilient rubber layer between commercial pack and bonding layer
4. **New bimodal bonding layer:** maximum Green Tack with increased structural strength

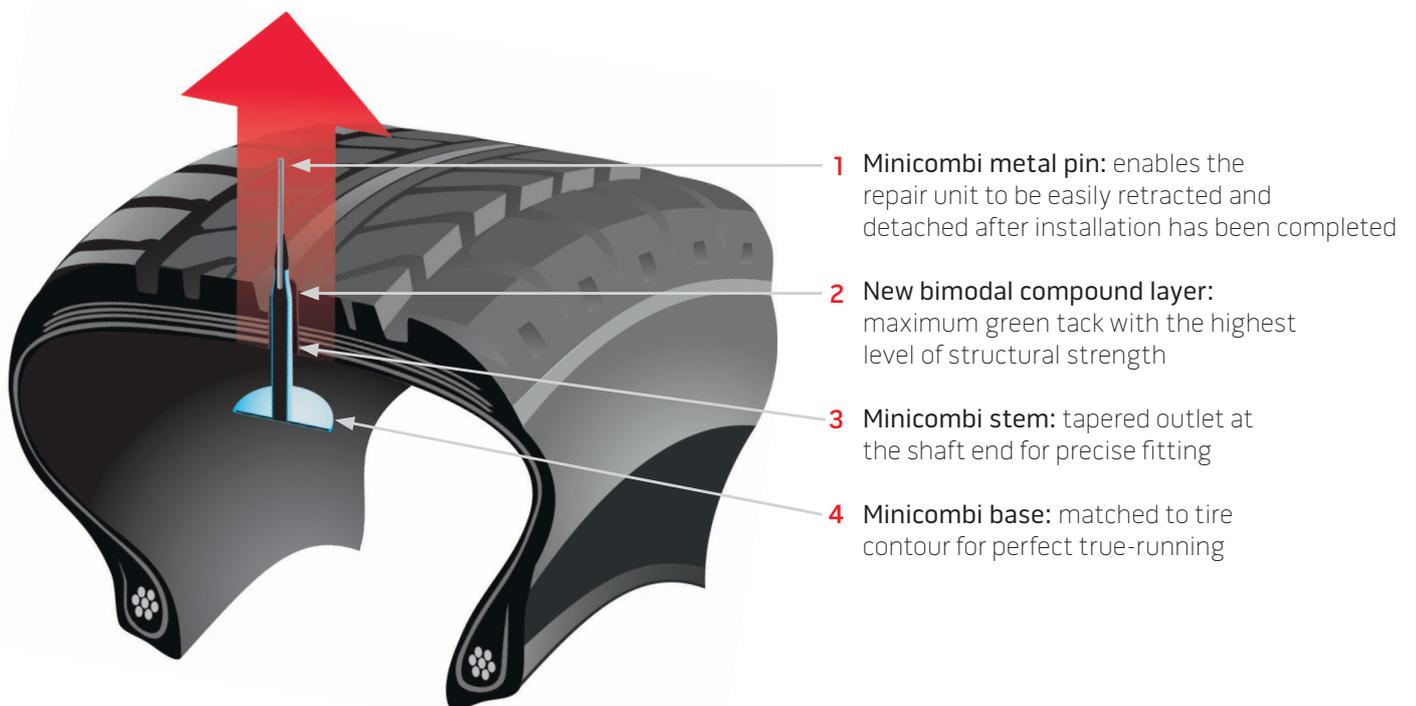
BIMODAL BONDING LAYER

THE INNOVATION IN TIRE REPAIR

DIAGONAL PATCH



QUICK REPAIR



The right repair patch for every requirement:

RAD 100 Series

The reference product from passenger car to OTR/EM



- Rayon cord
- Universal use
- Indispensable for repairing forklift truck and OTR/EM tires
- 5 years shelf life



	PREMIUM Line RAD
One-step Bimodal Bonding Layer	✓
Reinforcement Rayon Cord	✓
Cord-End cushion	✓
ECE-R 108/109	✓

RAD 300 Series

The truck repair patch for professionals



- Original steel cord from the tire industry
- Waisted patch shape for maximum flexibility & easy installation
- Especially suitable for low-profile truck tires
- 5 years shelf life



	PREMIUM Line RAD
One-step Bimodal Bonding Layer	✓
Reinforcement Steel-Cord	✓
Cord-End cushion	✓
ECE-R 108/109	✓

RAD 400 M-RCF Series

Patented for completely solvent-free repair



- Proven rayon cord as strength carrier, a guarantee for long-lasting performance
- Specialised for hot vulcanisation
- Modular layer structure → fewer sizes for a very wide coverage of damage
- For environmentally conscious, sustainable retreading & tire repair specialists



	PREMIUM Line RAD
Reinforcement Rayon Cord	✓
M-RCF Solvent free Application	✓
Cord-End cushion	✓
ECE-R 108/109	✓

RAD 500 Series

The truck & AS repair patch for extreme loads



- Aramid cord
- For long running time
- Waisted patch shape for maximum flexibility & easy installation
- Especially suitable for low-profile truck tire as well as for the repair of agricultural and forestry tires
- 5 years shelf life



	PREMIUM Line RAD
One-step Bimodal Bonding Layer	✓
Reinforcement Aramid-Cord	✓
Cord-End cushion	✓
ECE-R 108/109	✓

The right repair patch for every requirement:

PN-DIAGONAL

Repair patch for permanently repairing bias ply tires of all sizes – especially suitable against any tread, shoulder, and sidewall damage



- Nylon cord
- Universally applicable
- Indispensable for repairing from car tires to truck tires
- With a shelf life of 5 years

	PREMIUM Linie PN
One-step Bimodal Bonding Layer	✓
Single line manufactured	✓
Reinforcement Nylon Cord	✓
Cushioning matched to the specific use	✓
ECE-R 108/109	✓



PN-DIAGONAL OTR

Repair patch for permanently repairing bias ply tires of all OTR sizes



- Nylon cord matched to the tires
- Layer configuration proven by decades of long-term use in practice
- Fit optimized for use
- The best level of adaptation to the tire shape thanks to the individual cord construction
- With a shelf life of 5 years

	PREMIUM Linie PN
One-step Bimodal Bonding Layer	✓
Single line manufactured	✓
Reinforcement Nylon Cord	✓
Cord-End cushion	✓



PN-DIAGONAL AS

The AS repair patch for extreme loads and stresses



- Nylon cord
- Layer configuration proven by decades of long-term use in practice
- Patch shape adapted for AS tires
- The best level of adaptation to the tire shape thanks to the individual cord structure
- With a shelf life of 5 years

	PREMIUM Linie PN
One-step Bimodal Bonding Layer	✓
Single line manufactured	✓
Reinforcement Nylon Cord	✓
Cord-End cushion	✓



The right repair patch for every requirement:

UNIVERSAL PATCH (UP)

Universal patch (UP) for repairing minor damage to radial, bias ply, tubular and tubeless tires.



- Universally applicable
- Indispensable for repairing tires of vehicles from cars to trucks
- With a shelf life of 5 years



	PREMIUM Linie UP
One-step Bimodal Bonding Layer	✓
Single line manufactured	✓
Universal processing without installation direction	✓

Thermopress quick heating patch

For repairing damage due to nail holes in radial or bias ply passenger vehicle and ATV/quad tires



- Sizes 100 to 103 also suitable for hot vulcanization of tubing
- Rayon cord reinforcement
- Perfect flow behavior throughout the hot vulcanization process
- Best fit also in the low profile area



	PREMIUM Linie THERMOPRESS
Optimal connection to the inside of the tire and tube surface	✓
Reinforcement Rayon Cord	✓
Best connection by using raw material(s)	✓

For every requirement:

MINICOMBI



- Combined inner/outer repair of tread punctures in radial and bias ply tires
- Tires can be vulcanized independently
- The inside of each tire and the puncture channel can be repaired in one operation
- No moisture, dirt or stones can penetrate that may lead to prematurely destroying the casing and belt
- Are available with a practical, time-saving metal retractable pin
- Each tire can be repaired up to a maximum of 3 times depending on the type of tire
- TÜV certified
- Bimodal compound layer



REMASTEM



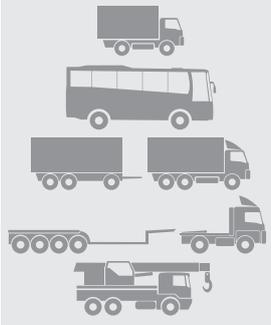
- For hopper filling with cylindrical puncture injuries in the tread area
- REMASTEM are pre-vulcanized rubber bodies that can be processed only in conjunction with the appropriate REMA TIP TOP patches
- The required patch size can be seen in the valid damage tables of losses
- REMASTEM is suitable for both hot and cold vulcanization
- Bimodal compound layer



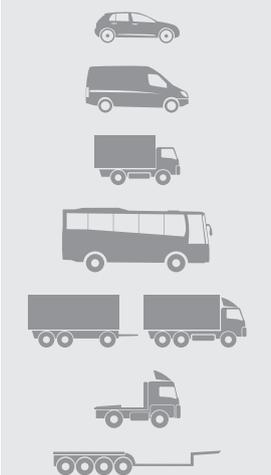
RAD 100

	Ref. No.	Description	Layers	Dimensions L x B	Pieces
	502 1104	RAD 110 TL PREMIUM	1	75 x 55	20
	502 1120	RAD 112 TL PREMIUM	1	115 x 70	10
	502 1140	RAD 114 TL PREMIUM	1	130 x 85	10
	502 1159	RAD 115 TL PREMIUM	1	90 x 75	20
	502 1160	RAD 116 TL PREMIUM	1	104 x 67	10
	502 1207	RAD 120 TL PREMIUM	2	125 x 80	10
	502 1221	RAD 122 TL PREMIUM	2	175 x 75	10
	502 1245	RAD 124 TL PREMIUM	2	220 x 75	10
	502 1252	RAD 125 TL PREMIUM	3	125 x 115	10
	502 1269	RAD 126 TL PREMIUM	3	260 x 75	10
	502 1283	RAD 128 TL PREMIUM	3	330 x 75	10
	502 1360	RAD 135 TL PREMIUM	4	203 x 148	10
	502 1403	RAD 140 TL PREMIUM	3	195 x 100	10
	502 1427	RAD 142 TL PREMIUM	4	260 x 130	10
	502 1441	RAD 144 TL PREMIUM	4	335 x 130	10
	502 1465	RAD 146 TL PREMIUM	4	440 x 180	5
	502 1506	RAD 150 TL PREMIUM	5	580 x 180	5
	502 1520	RAD 152 TL PREMIUM	5	580 x 240	3
	502 1551	RAD 155 TL PREMIUM	5	330 x 260	5
	502 1568	RAD 156 TL PREMIUM	7	720 x 270	3
	502 1609	RAD 160 TL PREMIUM	7	860 x 270	3
	502 1623	RAD 162 TL PREMIUM	7	1030 x 325	1
	502 1652	RAD 165 TL PREVENT PREMIUM	3	420 x 330	3
	502 1654	RAD 165 TL PREMIUM	6	420 x 330	3
	502 1685	RAD 168 TL PREMIUM	7	760 x 350	1
	502 1752	RAD 175 TL PREVENT PREMIUM	3	530 x 450	3
	502 1757	RAD 175 TL PREMIUM	8	530 x 450	3
	502 1805	RAD 180 TL PREMIUM	2	190 x 150	5
	502 1829	RAD 182 TL PREMIUM	3	240 x 185	5
	502 1843	RAD 184 TL PREMIUM	3	295 x 215	5
	502 1852	RAD 185 TL PREMIUM	8	730 x 530	1
	502 1853	RAD 185 TL PREVENT PREMIUM	3	730 x 530	1
	502 1867	RAD 186 TL PREMIUM	2	340 x 245	5
	502 1881	RAD 188 TL PREMIUM	2	450 x 280	5
	502 1908	RAD 190 TL PREMIUM	2	550 x 310	1

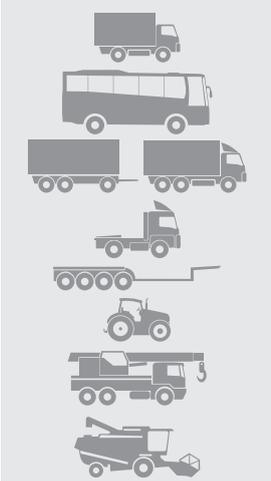
RAD 300

	Ref. No.	Description	Layers	Dimensions L x B	Pieces
	502 9310	RAD 331 STEEL PREMIUM	2	165 x 75	10
	502 9330	RAD 333 STEEL PREMIUM	2	205 x 90	10
	502 9350	RAD 335 STEEL PREMIUM	2	245 x 95	10
	502 9370	RAD 337 STEEL PREMIUM	2	285 x 100	10
	502 9390	RAD 339 STEEL PREMIUM	2	325 x 105	10
	502 9410	RAD 341 STEEL PREMIUM	2	365 x 110	10
	502 9430	RAD 343 STEEL PREMIUM	2	445 x 120	5

RAD 400

	Ref. No.	Description	Layers	Dimensions L x B	Pieces
	502 3100	M-RCF 410 PREMIUM	1	83 x 60	20
	502 3200	M-RCF 420 PREMIUM	1	124 x 80	10
	502 3210	M-RCF 420 + PREMIUM	2	124 x 80	10
	502 3240	M-RCF 424 PREMIUM	2	220 x 80	10
	502 3250	M-RCF 425 + PREMIUM	3	133 x 122	10
	502 3270	M-RCF 426 PREMIUM	3	270 x 80	10
	502 3400	M-RCF 440 PREMIUM	2	200 x 110	10
	502 3410	M-RCF 440 + PREMIUM	3	200 x 110	10
	502 3420	M-RCF 442 PREMIUM	3	270 x 140	10
	502 3430	M-RCF 442 + PREMIUM	4	270 x 140	10
	502 3450	M-RCF 444 + PREMIUM	4	345 x 140	10
	502 3460	M-RCF 446 + PREMIUM	4	450 x 190	5

RAD 500

	Ref. No.	Description	Layers	Dimensions L x B	Pieces
	502 5314	RAD 531 ARAMID PREMIUM	2	165 x 75	10
	502 5338	RAD 533 ARAMID PREMIUM	2	205 x 90	10
	502 5352	RAD 535 ARAMID PREMIUM	2	245 x 95	10
	502 5376	RAD 537 ARAMID PREMIUM	2	285 x 100	10
	502 5390	RAD 539 ARAMID PREMIUM	2	325 x 105	10
	502 5410	RAD 541 ARAMID PREMIUM	2	365 x 110	10
	502 5431	RAD 543 ARAMID PREMIUM	2	445 x 120	5
	502 5810	RAD 581 ARAMID PREMIUM	1	195 x 155	5
	502 5830	RAD 583 ARAMID PREMIUM	1	245 x 190	5
	502 5850	RAD 585 ARAMID PREMIUM	1	350 x 220	5
	502 5870	RAD 587 ARAMID PREMIUM	1	450 x 280	5
	502 5890	RAD 589 ARAMID PREMIUM	1	590 x 330	3

PN-DIAGONAL

	Ref. No.	Description	Layers	Patch Ø in Cord direction	Pieces
	502 6010	PN 01 UNIVERSAL PREMIUM	1	55 mm	30
	502 6020	PN 02 UNIVERSAL PREMIUM	1	77 mm	30
	502 6037	PN-DIAGONAL 03 PREMIUM	2	100 mm	10
	502 6044	PN-DIAGONAL 04 PREMIUM	2	120 mm	10
	502 6051	PN-DIAGONAL 05 PREMIUM	4	160 mm	10
	502 6068	PN-DIAGONAL 06 PREMIUM	6	235 mm	10
	502 6075	PN-DIAGONAL 07 PREMIUM	6	295 mm	10
	502 6082	PN-DIAGONAL 08 PREMIUM	6	345 mm	5
	502 6099	PN-DIAGONAL 09 PREMIUM	8	390 mm	5
	502 6109	PN-DIAGONAL 010 PREMIUM	8	450 mm	3

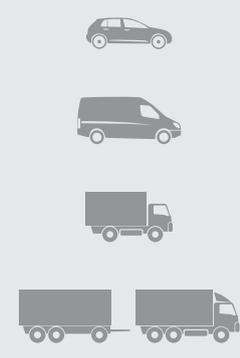
PN-DIAGONALOTR

	Ref. No.	Description	Layers	Patch Ø in Cord direction	Pieces
	502 2000	PN-EM 050 PREMIUM	4	240 mm	12
	502 2017	PN-EM 050 + PREMIUM	6	240 mm	10
	502 2024	PN-EM 052 PREMIUM	6	360 mm	12
	502 2031	PN-EM 052 + PREMIUM	8	360 mm	10
	502 2048	PN-EM 054 PREMIUM	8	480 mm	5
	502 2055	PN-EM 054 + PREMIUM	10	480 mm	5
	502 2062	PN-EM 056 PREMIUM	10	660 mm	5
	502 2079	PN-EM 056 + PREMIUM	12	660 mm	5
	502 2093	PN-EM 058 PREMIUM	12	810 mm	3
	502 2103	PN-EM 058 + PREMIUM	14	810 mm	3
	502 2110	PN-EM 060 PREMIUM	14	1010 mm	1
	502 2402	PN-EM 056 S PREMIUM	10	660 mm	5
	502 2419	PN-EM 056 S + PREMIUM	12	660 mm	5
	502 2433	PN-EM 058 S PREMIUM	12	810 mm	3
	502 2440	PN-EM 058 S + PREMIUM	14	810 mm	3

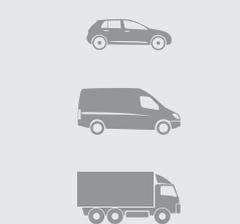
PN-DIAGONAL AS

	Ref. No.	Description	Layers	Patch Ø in Cord direction	Pieces
	502 6202	PN-DIAGONAL 020 PREMIUM	4	255 mm	10
	502 6219	PN-DIAGONAL 021 PREMIUM	4	370 mm	5
	502 6226	PN-DIAGONAL 022 PREMIUM	4	510 mm	3
	502 6233	PN-DIAGONAL 023 PREMIUM	6	255 mm	10
	502 6240	PN-DIAGONAL 024 PREMIUM	6	370 mm	5
	502 6257	PN-DIAGONAL 025 PREMIUM	6	510 mm	3

UNIVERSAL PATCH (UP / PN)

	Ref. No.	Description	Layers	Dimension Ø	Pieces
	502 5020	UP 3 PREMIUM, box	–	27	100
	502 5030	UP 3 PREMIUM, bucket	–	27	550
	502 5040	UP 4,5 PREMIUM, box	–	37	100
	502 5050	UP 4,5 PREMIUM, bucket	–	37	300
	502 5060	UP 6 PREMIUM, box	–	43	50
	502 5070	UP 6 PREMIUM, bucket	–	73	350
	502 5080	UP 8 PREMIUM, box	–	55	50
	502 5090	UP 8 PREMIUM, bucket	–	55	200
	502 6010	PN 01 PREMIUM	1	55	30
	502 6020	PN 02 PREMIUM	1	77	30

THERMOPRESS FAST HEATING PATCH

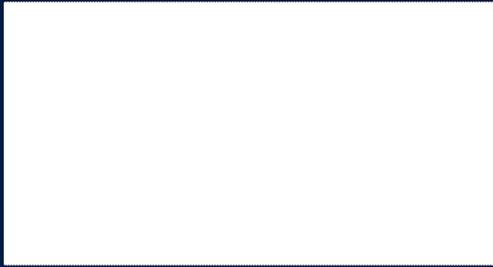
	Ref. No.	Description	Layers	Dimension Ø	Pieces
	502 1006	Thermopress Patch No. 100	–	30	80
	502 1020	Thermopress Patch No. 102	–	37	50
	502 1037	Thermopress Patch No. 103	–	47	35
	502 1070	Thermopress Patch No. 170	1	70	20
	502 1081	Thermopress Patch No. 181	1	65 x 55	20

MINICOMBI

	Ref. No.	Description	Pieces
	509 1957	MINICOMBI A3 PREMIUM workshop kit	25
	509 1964	MINICOMBI A3 PREMIUM refill pack	50
	509 2152	MINICOMBI COMBI-PACK A3/A6 PREMIUM	25/20
	509 2200	MINICOMBI COMBI-PACK A6/B8 PREMIUM	20/20
	509 3041	MINICOMBI A6 PREMIUM workshop kit	20
	509 3058	MINICOMBI A6 PREMIUM refill pack with metal pin	40
	509 3072	MINICOMBI A6 PREMIUM refill pack without metal pin	40
	509 3096	MINICOMBI B8 PREMIUM workshop kit	20
	509 3106	MINICOMBI B8 PREMIUM refill pack	20
	509 3128	MINICOMBI B8 PREMIUM refill pack without metal pin	20
	509 3137	MINICOMBI B10 PREMIUM refill pack	20
	509 3144	MINICOMBI B10 PREMIUM refill pack with metal pin	20
	509 3209	MINICOMBI A4,5 PREMIUM workshop kit	20
	509 3216	MINICOMBI A4,5 PREMIUM refill pack	40

REMASTEM

	Ref. No.	Description	Pieces
	509 1935	REMASTEM 6 PREMIUM	60
	509 1942	REMASTEM 8 PREMIUM	60
	509 1928	REMASTEM 10 PREMIUM	20
	509 1959	REMASTEM 12 PREMIUM	20



Your local contact



// ONE BRAND // ONE SOURCE // ONE SYSTEM

REMA TIP TOP AG
Gruber Strasse 65 · 85586 Poing / Germany
Phone: +49 8121 707-100
premiumline@tiptop.de
www.rema-tiptop.de

