




REPAIR LINE



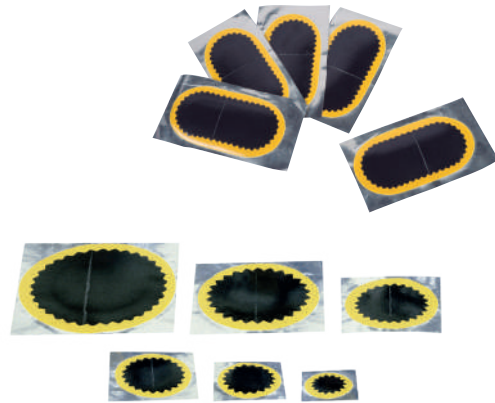


Established in Nova Prata (RS) in 1973, Vipal Rubber is one of the most important global manufacturers of tire/tyre and inner tube repair and retread material and it has a complete range of products for this segment, combining quality, technology and innovation. As the pioneering manufacturing company in Brazil for chemical tire/tyre repair products, all services offered provide increased tire/tyre life, which is a key element in the daily routine of the transport activity.

REPAIR LINE

PATCHES AND VALVE REINFORCEMENTS FOR INNER TUBES

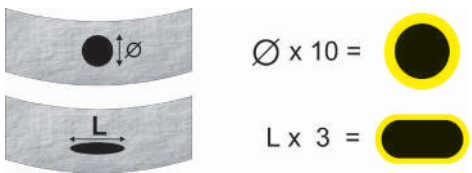
- Uses the cold cure (chemical) system which does not submit the inner tubes to heat, prolonging their useful life. Furthermore, its extra-thin thickness and expansion capacity follow the tube's elasticity, preventing callosity formation.



Code	Description	Size in	Unit/Pack
345111	RBM 01	Ø 1"	100
345100	R 00	Ø 1 3/16"	100
345101	R 01	Ø 1 9/16"	100
345102	R 02	Ø 2"	40
345103	R 03	Ø 2 3/8"	40
345104	R 04	Ø 3 1/8"	40
345105	R 05	Ø 3 15/16"	25
345106	R 06	Ø 4 3/4"	25
345312	RBM 02	2 9/16" x 1 3/16"	60
345300	R 300	2 15/16" x 1 9/16"	25
345301	R 301	3 3/4" x 2"	25
345302	R 302	4 3/4" x 2 3/8"	25
345303	R 303	5 15/16" x 2 3/4"	25
345304	R 304	7 1/8" x 3 3/4"	25
345206	VP 06	Ø 4 3/4"	15

Size in mm \pm 5 / in inches \pm 3/16"
VP - valve reinforcement

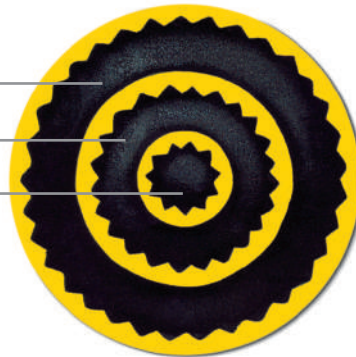
PATCHES AND VALVE REINFORCEMENT FOR INNER TUBES



R-05 \varnothing 100 mm

R-03 \varnothing 60 mm

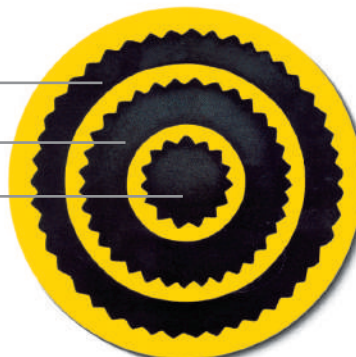
R-00 \varnothing 30 mm



R-06 \varnothing 120 mm

R-04 \varnothing 80 mm

R-01 \varnothing 40 mm





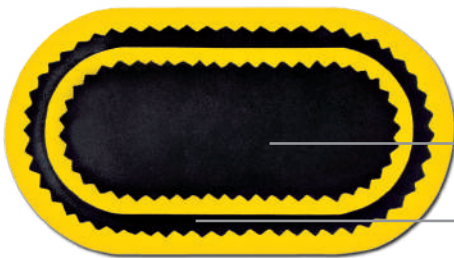
RBM-01 ϕ 25 mm

R-02 ϕ 50 mm



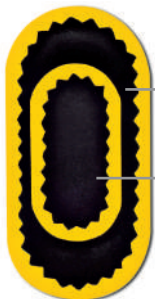
R-300 75 x 40 mm

R-302 120 x 60 mm



R-303 150 x 70 mm

R-304 180 x 95 mm



R-301 95 x 50 mm

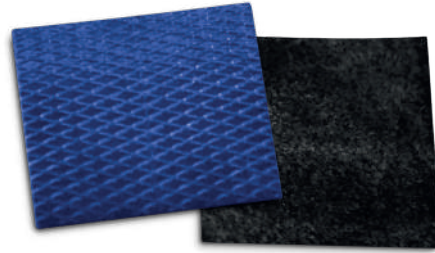
RBM-02 65 x 30 mm



VP 06 ϕ 120 mm

REMOPAT

• Practical repairs for tube or tubeless radial and bias ply tires/tyres, for damages up to 3 mm, retreaded by remold process.



Code	Description	Dimension mm ± 2	Thickness ±0,1	Unit/Pack
348330	Remopat 36 mm	Ø 36	2,0	80

VULK GUM

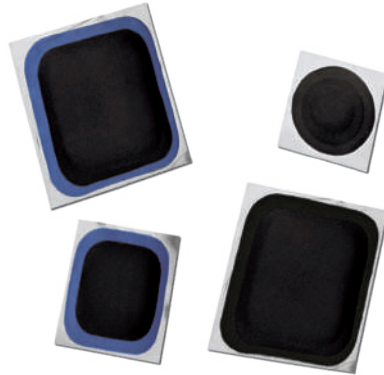
• Recommended to repair inner tubes through the hot cure method, in Steam or Electrical presses.



Code.	Description	Width in	Thickness in	Weight per box ib	Unit/Pack
403001	Vulk gum	6 1/14"	1/32"	44.09	20

VF AND VFP REPAIRS

• To repair 3, 6 and 8 mm damages on radial and bias ply tires/tyres in the tread area of passenger cars, pick-ups and trucks. These repairs are available in blue (VF) and black (VFP) colors.



Code.	Description	Size in	Unit/Pack
303913	VF 3	Ø 13/8"	100
303916	VF 6	2" x 2"	50
303918	VF 8	2 5/8" x 2 5/8"	50
303643	VFP 3	Ø 13/8"	100
303646	VFP 6	2" x 2"	50
303648	VFP 8	2 5/8" x 2 5/8"	50

Size in mm: ± 5 / VF - blue edge (black edge in the hot version) / VFP - black edge.

VIPAFIX EXTRA STRONG CEMENT

• Vipafix Extra Strong Cement meshes via metal oxides, adhering and gluing the materials. Its antioxidants offer protection against aging caused by oxygen, ozone and weather.



Code	Description	Package	Content lb
472001	Vipafix Extra Strong Cement	Can	2.20
472003	Vipafix Extra Strong Cement	Bucket	55.0
472004	Vipafix Extra Strong Cement	2cans/Box	26.4
472005	Vipafix E Extra Strong Cement	Can	1.32

VIPAFIX CATALYST

• Vipafix Catalyst intensifies the crystallisation of Vipafix Extra Strong Cement and the heat resistance of the seal. Offered in 30 and 60 minute versions, it allows for scheduling equipment downtime, reducing maintenance service time and costs.



Code	Description	Package	Content oz fl
472101	Vipafix Catalyst 30	Frasco	1.6
472102	Vipafix Catalyst 60	Frasco	0.8

REPAIR LINE FOR TUBELLES TIRES/TYRES

CEMENT, VULCANIZING CEMENT AND ACTIVATOR FOR RUBBER SURFACES

• Vulcanizing cements have special resins that enhance adherence, and accelerators that guarantee vulcanization of the repair units through the chemical cure process. For the application of patches and inner tubes repairs through the hot cure method, Vipal offers the Vulk cement, recommended for use in tire/tyre retread process by autoclave and press methods. For better results, Vipal also offers the Bufpal E activator for rubber surfaces that removes greases and other contaminants from the repairing area.



Code	Description	Package	Content		Unit/Pack
			fl oz	oz	
480112	Bufpal E	Can	33.81	–	–
470021	BV-01	Tube	0.17	0.12	50
470022	BV-02	Tube	0.84	0.63	12
470023	BV-03	Tube	1.52	1.12	6
475006	Vulk	Box	30.43	24.16	15
470010	CV-00	Can	7.60	5.74	–
470043	CV-00 B *	Can	7.60	6.03	–
470011	CV-01	Can	16.90	12.76	–
470044	CV-01 B *	Can	16.90	13.40	–
470012	CV-02	Can	33.81	25.57	–
470045	CV-02 B *	Can	33.81	26.80	–

*Blue cement

RT-3

• Recommended for small repairs on tubeless tires/tyres, due to its easy application and accelerated cold cure process.



Code	Description	Diameter	Damage up to	Unit/Pack
		in	in	
351303	RT-3	Ø 2 3/8"	1/8"	40

Size in inches ± 3/16"

VIPASEAL

- Intended for temporary and emergency repair of damages up to 6 mm / 1/4" in the tread region of tubeless tires.



Code	Description	Size in	Damage up to in	Unit/Pack
35119	VIPASEAL	3 15/16"	1/4	60
35120	VIPASEAL	7 7/8"	1/4	30

PATCH LINE

Tire/Tyre patches are pieces designed to repair tire/tyre damages reintegrating its load capacity. They are made of nylon, steel or aramid plies lined with vulcanized gum and a thin layer of non-vulcanized or semivulcanized cushion gum/bonding on its back, to be applied inside the tire/tyre, after preparing the area.

There are several types of patches: for passenger car, truck, farm and OTR tires/tyres, either radial or bias ply. In addition, they can be classified by the application method:

- Hot cure patches: For the vulcanization method through heating (curing chamber or press).
- Cold cure patches: Chemical reaction (vulcanizing cement).

VD PATCHES (VIPAL BIAS PLY)

- It is used to repair damages on bias ply tires/tyres in the tread area and shoulder. Its construction lays out the same direction as the casing plies of the bias ply tire/tyre.

Code	Description	Size in	Plies	Unit/Pack
303901	VD 01	Ø 2 3/8"	1	30
303902	VD 02	Ø 3 3/8"	2	20
303903	VD 03	4 1/8"	2	10
303904	VD 04	5 5/16"	2	10
303905	VD 05	6 1/2"	4	10
303906	VD 06	9 5/8"	6	10
303907	VD 07	11 13/16"	6	10
303908	VD 08	13 3/4"	6	5
303909	VD 09	15 9/16"	8	5
303910	VD 10	17 15/16"	8	3

Size in inches ± 3/16" – Available in the hot cure version



VDL PATCHES (VIPAL BIAS PLY SIDE PATCHES)

• Its construction obeys the same direction as the casing plies of bias ply tires/tyres and are used to repair the tire sidewall, since its design lays out the bead radius.



Code	Description	Size in	Plies	Unit/Pack
304005	VDL 05*	6 1/2"	4	10
304006	VDL 06	9 5/8"	6	10
304007	VDL 07	11 11/16"	6	10
304008	VDL 08	13 3/4"	6	5
304009	VDL 09	15 9/16"	8	5
304010	VDL 10	17 15/16"	8	3

Size in inches \pm 3/16" – Available in the hot cure version

*Available in the cold cure version only

RAC PATCHES (RADIAL CENTERED)

• They are made of nylon ply layers obeying the same direction as the construction of radial tires/tyres casing plies.



Code	Description	Size in	Plies	Unit/Pack
303810	RAC 10	2 15/16" x 2 3/16"	1	20
303812	RAC 12	4 1/2" x 2 3/4"	1	10
303814	RAC 14	5 1/8" x 3 3/8"	1	10
303815	RAC 15	3 9/16" x 2 15/16"	1	20
303820	RAC 20	4 3/4" x 3 1/8"	2	10
303822	RAC 22	6 1/2" x 2 15/16"	2	10
303824	RAC 24	8 1/2" x 2 15/16"	2	10
303825	RAC 25	4 15/16" x 4 1/2"	3	10
303826	RAC 26	10 1/4" x 2 15/16"	3	10
303835	RAC 35	7 7/8" x 5 15/16"	4	10
303840	RAC 40	7 1/2" x 3 3/4"	3	10
303842	RAC 42	10 1/4" x 5 1/8"	4	10
303844	RAC 44	13 3/16" x 5 1/8"	4	10
303845	RAC 45	9 1/16" x 7 1/8"	4	5
303846	RAC 46	17 5/16" x 6 7/8"	4	5

Size in inches \pm 3/16" – Available in the hot cure version

RA PATCHES (RADIAL ARAMID)

• They are made of aramid plies which lays out in the same direction as the construction of the radial tire/tyre casing plies. Having less plies, it becomes lighter and more flexible, yet resulting the same resistance compared to patches of same application.



Code	Description	Size in	Unit/Pack
312308	RA 25B*	5 11/16" x 4 1/2"	10
312309	RA 35B*	7 7/8" x 5 1/8"	10
312310	RA 45B*	9 7/8" x 7 1/8"	5
312300	RA 29	4 1/2" x 2 3/4"	10
312301	RA 31	7 5/16" x 3 1/8"	10
312302	RA 33	8 7/8" x 3 15/16"	10
312303	RA 35	10 7/16" x 3 15/16"	10
312304	RA 37	11 13/16" x 3 15/16"	10
312305	RA 39	13 9/16" x 3 15/16"	10
312306	RA 41	15 3/16" x 4 1/2"	5
312307	RA 43	18 5/16" x 4 15/16"	5

Size in inches $\pm 3/16"$ – Available in the hot cure version

*Exclusive use for application in the tread area

EARTHMOVER RAC PATCHES

• They are made of nylon ply layers which lays out in the same direction as the tire/tyre casing plies, especially designed for radial OTR tires/tyres. This line is available in the cold system and lined with a cushion gum/bonding rubber to convert for the hot system.



Code	Description	Size in	Plies	Unit/Pack
303850	RAC 50	23" x 7 1/16"	5	5
303852	RAC 52	23" x 9 7/16"	5	3
303855	RAC 55	13" x 10 1/4"	5	5
303856	RAC 56	29 1/8" x 10 5/8"	7	3
303860	RAC 60	40" x 10 1/4"	7	3
303862	RAC 62	41 5/16" x 13"	7	3
303865	RAC 65	16 3/4" x 13 3/16"	6	3
303868	RAC 68	30 5/16" x 14"	7	3
303875	RAC 75	21 5/8" x 17 15/16"	8	3

Size in inches $\pm 3/16"$ – Available in the hot cure version

VT PATCHES (VIPAL EARTHMOVER PATCHES)

• It is used to repair damages on bias ply tires/tyres in the tread area and shoulders. Its construction lays out the same direction as the OTR earthmoving bias tire/tyre casing plies.

Code	Description	Size in	Plies	Unit/Pack
302250	VT 250	14 3/16"	4	5
302251	VT 251	14 3/16"	6	5
302252	VT 252	18 7/8"	6	3
302253	VT 253	18 7/8"	8	3
302254	VT 254	22 7/16"	8	3
302255	VT 255	22 7/16"	10	3
302256	VT 256	26"	10	3
302257	VT 257	26"	12	3
302258	VT 258	31 7/8"	12	1
302259	VT 259	31 7/8"	14	1
302260	VT 260	39 3/4"	14	1
302261	VT 261	39 3/4"	16	1

Size in inches \pm 3/16" – Available in hot cure version



VTL PATCHES (VIPAL EARTHMOVER SIDE PATCHES)

• Its construction obeys the same direction as the bias ply casing plies and it is used to repair the OTR tire sidewall, since their design lays out the same direction as the bead radius.

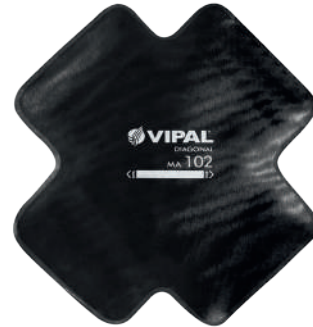
Code	Description	Size in	Plies	Unit/Pack
302350	VTL 250	14 3/16"	4	5
302351	VTL 251	14 3/16"	6	5
302352	VTL 252	18 7/8"	6	3
302353	VTL 253	18 7/8"	8	3
302354	VTL 254	22 7/16"	8	3
302355	VTL 255	22 7/16"	10	3
302356	VTL 256	26"	10	3
302357	VTL 257	26"	12	3
302358	VTL 258	31 7/8"	12	1
302359	VTL 259	31 7/8"	14	1

Size in inches \pm 3/16" – Available in hot cure version



MA PATCHES (FARM EQUIPMENT PATCHES)

• It is used to repair bias ply tires/tyres on damages in the tread area and shoulder. Its construction lays out the same direction as the casing plies of farm equipment bias ply tires/tyres. The farm equipment tires/tyres have a differentiated construction, especially for their plies construction features and work conditions.



Code	Description	Dimensions in	Plies	Unit/Pack
300998	MA 98	Ø 3 3/8"	2	20
300999	MA 99	7 7/8" x 5 7/8"	2	10
301000	MA 100	10 5/8" x 7 7/8"	4	10
301001	MA 101	12 3/16" x 9 1/16"	4	10
301002	MA 102	14 9/16" x 10 13/16"	4	5
301003	MA 103	16 1/2" x 12 3/8"	6	5
301004	MA 104	21 1/16" x 15 3/8"	6	5
301005	MA 105	24" x 17 11/16"	6	5
301006	MA 106	27 9/16" x 20 1/2"	6	3
301007	MA 107 *	34 1/16" x 26"	8	3

Size inches ± 3/16" – Available in the hot cure version

*Available in the cold cure version only

RAC PATCHES (RADIAL FARM EQUIPMENT)

• Especially designed for radial tires/tyres employed in this type of work. Its construction, based on radial patch technology to be applied on the center of the damaged area, intends to offer maximum resistance and flexibility for improved performance of these tire/tyre features that are submitted to severe working conditions



Code	Description	Size in	Plies	Unit/Pack
303880	RAC 80	7 11/16" x 5 7/8"	2	5
303882	RAC 82	10" x 7 1/2"	3	5
303884	RAC 84	11 7/16" x 8 1/2"	3	5
303886	RAC 86	13 9/16" x 9 7/8"	3	5
303887*	RAC 87	28 3/4" x 20 7/8"	5	3

*Available in the cold cure version

Size in inches ± 3/16"
Available in the hot cure version

SEALER

SEALER FOR PATCHES AND BEADS

• Sealer is applied on tires/tyres with inner tube and tubeless tires/tyres to avoid air loss in the patched and bead areas. SV-01E is recommended for use after applying the patch, and the SV-02E is applied in the bead area.

Code	Description	Package	Content	
			fl oz	oz
461282	SV-01E	Can	16.9	14.11
461283	SV-02E	Can	16.9	14.11



ACCESSORIES

PINHOLE IDENTIFIER

• The Pinhole Identifier was developed to make it easier to identify pinholes in the tread of bias ply and radial tyres and is available in 1 and 5 litre versions.

Code	Description	Package	Content fl oz
503004	Pinhole Identifier 1L	Flask	33.81
503005	Pinhole Identifier 5L	Gallon	169



MULTIPURPOSE ROPE RUBBER AC

• Rubber compound* indicated for external repair of damage to the tread and sidewalls, it may be used in all types of tyres and constructions. Due to its specific characteristics, it can also be used in finishes, to replace the shoulder veneer, being vulcanized exclusively in autoclave.

Code	Description	Size in	Units/Box lb
401654	Multipurpose rope rubber ac	Ø3/8"	33.0



*Valid for three months

TIRE/TYRE MOUNTING AND DEMOUNTING PASTE

• Intended for mounting and demounting tires/tyres. Developed with raw materials that guarantee tire/tyre integrity, preventing damage to the beads from dryness, and favoring wheel conservation by inhibiting oxidation. Presents excellent consistency, which allows savings and facilitates application.



Code	Description	Package	Qty.
503006	Tire/Tyre mounting and demounting paste	Bucket	7.93 lb

PROTEFORT FLAPS

• Recommended for protecting the inner tube. It should be applied between the inner tube and the wheel, on bias ply and radial tube tires/tyres.



Code	Ref.	Application	Rim	Units/Box
380316	Protefort R 16	Radial-Diagonal / Radial-Bias Ply / Radial-Diagonal	16	10
380320	Protefort R 20	Radial-Diagonal / Radial-Bias Ply / Radial-Diagonal	20	10
380322	Protefort R 22	Radial-Diagonal / Radial-Bias Ply / Radial-Diagonal	22	10

TEMPLATE FOR PATCHES

• The Templates for patches are aimed to facilitate the repairing process and allow an accurate marking of the area. They come in blue color and feature a hollow design to assist in centralizing it on the damage. The product is packed in plastic bags.

Consult our design options





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