



# RADIAL REPAIRS FOR RADIAL TIRES

- Bestpatch Radial Repair Patches are constructed with special rubber compound and polyester fibers.
- Unique single direction ply and locking wedge construction offers high strength and flexibility.
- Gives permanent repair over the injury.
- Used to repair crown, sidewall and shoulder injuries in Passenger, Light truck, Truck, Tractor and Earthmover tires.
- Separate crown injury repair units to be used for crown injuries.
- Cloth back radial patches are available.
- Uncure patches are available for OTR tires on request.
- Can be cured chemically (cold cure) or with any retread systems (heat cure).
- Use Bestpatch chemical vulcanizing cement for perfect bonding.



CLOTHBACK	CHEMICAL	DESCRIPTION	INCHES / MM	BOX QTY
31-2001	37-2001	CPR 10	3" X 2" - 75 X 50 mm	20
31-2001A	37-2001A	CPR 10HD	3 1/2" X 2 1/2" - 85 X 65 mm	20
31-2002	37-2002	CPR 12	4 1/2" X 2 1/2" - 110 X 65 mm	10
31-2002A	37-2002A	CPR 12HD	4 3/4" X 3" - 120 X 75 mm	10
31-2003	37-2003	CPR 14	6" X 3" - 150 X 80 mm	10
31-2028	31-2028	CPR 15*	3 1/2" X 3" - 90 X 75 mm	20
31-2004	37-2004	CPR 20	5" X 3" - 130 X 80 mm	10
31-2004A	37-2004A	CPR 20HD	5 3/4" X 3 1/2" - 145 X 90 mm	10
31-2005	37-2005	CPR 22	6 1/4" X 3" - 180 X 80 mm	10
31-2006	37-2006	CPR 24	8 1/2" X 3 1/2" - 230 X 90 mm	10
31-2007	37-2007	CPR 26	10" X 3 1/2" - 250 X 90 mm	10
31-2008	37-2008	CPR 33*	5" X 4" - 125 X 100 mm	10
31-2009	37-2009	CPR 35*	6" X 5" - 150 X 125 mm	10
31-2010	37-2010	CPR 37*	7" X 5" - 175 X 125 mm	10
31-2011	37-2011	CPR 40	8" X 4" - 200 X 100 mm	10
31-2011A	37-2011A	CPR 40HD	8 1/2" X 4 3/4" - 220 X 120 mm	10
31-2012	37-2012	CPR 42	10" X 5" - 250 X 125 mm	10
31-2013	37-2013	CPR 44	13" X 5" - 330 X 125 mm	10
31-2014	37-2014	CPR 45*	9" X 7" - 230 X 180 mm	10
31-2015	37-2015	CPR 55*	13" X 10" - 330 X 255 mm	5
31-2016	37-2016	CPR 65*	16" X 13" - 410 X 330 mm	5
31-2017	37-2017	CPR 75*	21" X 18" - 535 X 455 mm	5
31-2018	37-2018	CPR 46	16" X 5 1/2" - 405 X 140 mm	10
31-2019	37-2019	CPR 50	20" X 7 1/2" - 500 X 190 mm	5
31-2020	37-2020	CPR 52	20" X 10" - 500 X 250 mm	5
31-2021	37-2021	CPR 56	26" X 10 1/4" - 660 X 260 mm	5
31-2022	37-2022	CPR 60	34" X 10 1/2" - 860 X 265 mm	5
31-2023	37-2023	CPR 72	30" X 14" - 760 X 350 mm	5
31-2024	37-2024	CPR 80	8" X 6" - 200 X 150 mm	10
31-2025	37-2025	CPR 82	9 1/2" X 7" - 240 X 180 mm	10
31-2026	37-2026	CPR 84	11 1/2" X 8 1/2" - 290 X 215 mm	10
31-2027	37-2027	CPR 86	13 1/2" X 10" - 340 X 250 mm	10



\* For Crown Injuries only



## BIAS PLY TIRE REPAIR PATCHES

- Constructed with special rubber compound and nylon fibers.
- Fabric construction designed to match the cross ply tire construction.
- High strength, flexible and shock absorbing.
- To repair crown, shoulder and sidewall injury in all bias ply tires ranging from passenger to earth mover.
- Injuries from 1/8" (3 mm) to 5" (125 mm) can be repaired.
- Can be cured chemically (cold cure) or with any retread systems (heat cure).
- Use with bestpatch chemical vulcanizing fluid for perfect bonding.
- For the repairs in tractor tires separate series of patches (CTP) available with large fabric area and lesser ply.
- For sidewall repairs separate series of patches (CSP) available.
- The sidewall patch design enable perfect fit in the tire sidewall.
- Refer injury chart for proper selection of the patch.



CLOTHBACK	CHEMICAL	DESCRIPTION	INCHES / MM	BOX QTY
NAIL HOLE REPAIRS				
31-1000	37-1000	CBP 0 (CNP 1)	2" - 50 mm	20
31-1001	37-1001	CBP 1 (CNP 2)	2 1/2" - 65 mm	20
31-1002	37-1002	CBP 2 (CNP 3)	3 1/2" - 90 mm	10
SECTION REPAIRS				
31-1003	37-1003	CBP 3	4" X 4" - 100 X 100 mm	10
31-1004	37-1004	CBP 4	5 1/2" X 5 1/2" - 140 X 140 mm	10
31-1005	37-1005	CBP 5	7" X 7" - 175 X 175 mm	10
31-1006	37-1006	CBP 6	9 1/2" X 9 1/2" - 240 X 240 mm	5
31-1007	37-1007	CBP 7	11 3/4" X 11 3/4" - 300 X 300 mm	5
31-1008	37-1008	CBP 8	13 1/2" X 13 1/2" - 340 X 340 mm	5
31-1009	37-1009	CBP 9	15 1/2" X 15 1/2" - 390 X 390 mm	5
31-1010	37-1010	CBP 10	17" X 17" - 430 X 430 mm	5



## STEMS FOR RADIAL & BIAS TIRES

- Bestpatch stem units made of cured special rubber compound wrapped with dual cure cushion gum
- Repairs using stem repair units eliminates long filler gum curing time.
- Stems used when the angle of injury is more than 20 degree where plug repairs cannot be used.
- Radial or Bias ply patches to be used for reinforcement. User with chemically or heat.
- Appropriate carbide cutters to be used for steel belted radial tires and bias plug cutters for bias ply nylon tires.
- For perfect compression fit of the stem in the tire, stem size should be larger than the injury size.
- Use with Bestpatch chemical vulcanizing fluid for perfect bonding.

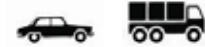


CODE	DESCRIPTION	PLUG PATCH SIZE	INJURY SIZE INCHES (MM)	CARBIDE CUTTER	BIAS CUTTER	QTY / BOX
34-3011	Stem 9	Stem 9mm Length 40mm	1/4" (12mm) injury	CC-1A	-	10
34-3012	Stem 12	Stem 12mm Length 45mm	3/8" (9mm) injury	CC-3	BC-0	10
34-3013	Stem 16	Stem 16mm Length 70mm	1/2" (12mm) injury	CC-4	BC-1	10
34-3014	Stem 22	Stem 22mm Length 70mm	3/4" (20mm) injury	CC-5	BC-2	10
34-3015	Stem 30	Stem 30mm Length 70mm	1" (25mm) injury	CC-6	BC-3	10

## UNI PLUG REPAIRS FOR RADIAL & BIAS TIRES

- Combination of patch and stem covered with dual cure cushion gum with pilor wire.
- To repair crown, shoulder and sidewall injuries in both Radial & Bias ply passenger, light truck & Truck Tires.
- Tire industry recommended puncture repair procedure for tubeless tire punctures.

- Appropriate carbide cutters to be used for steel belted radial tires and bias plug cutters for bias ply nylon tires.
- The angle of injury should be less than 20 degree for perfect compression fit of the stem in the tire, stem size should be larger than the injury size.
- Use with Bestpatch chemical vulcanizing fluid for perfect bonding.



CODE	DESCRIPTION	PLUG PATCH SIZE	INJURY SIZE INCHES (MM)	PLY	CARBIDE CUTTER	QTY / BOX
34-3001	Uni Plug 6W	Stem 6mm Length 35mm Patch 50mm	1/8" (3mm) injury	-	CC-0	40
34-3002	Uni Plug 9W	Stem 9mm Length 35mm Patch 50mm	1/4" (6mm) injury	-	CC-1	40
34-3003	Uni Plug 9U	Stem 9mm Length 40mm Patch 75mm	1/4" (6mm) injury	-	CC-1A	12
34-3004	Uni Plug 12U	Stem 12mm Length 45mm Patch 75mm	3/8" (9mm) injury	-	CC-3	8

## RADIAL PLUG REPAIRS

- Combination of polyester fabric reinforced patch and stem covered with dual cure cushion gum.
- Patch contraction and bead marking makes repairs perfect for radial tires.
- Safe, secure and fast way to repair punctures up to 13 mm in all radial tires.

- Eliminates long filler gum curing time. Use with chemically or heat.
- Appropriate carbide cutters to be used for drilling the injury.

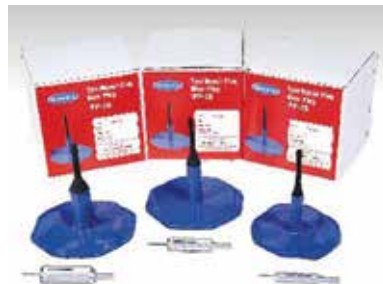


CODE	DESCRIPTION	PLUG PATCH SIZE	INJURY SIZE INCHES (MM)	PLY	CARBIDE CUTTER	QTY / BOX
34-3005	Radial Plug RP 9	Stem 9mm Length 40mm Patch 90 X 75mm	1/4" (6mm) injury	1	CC-1A	12
34-3006	Radial Plug RP 12	Stem 12mm Length 45mm Patch 110 X 90mm	3/8" (9mm) injury	2	CC-3	8
34-3007	Radial Plug RP 16	Stem 16mm Length 70mm Patch 130 X 110mm	1/2" (12mm) injury	3	CC-4	8

## BIAS PLUG REPAIRS

- Combination of nylon fabric reinforced patch and stem covered with dual cure cushion gum.
- Cross ply Patch contraction and bead marking makes repairs perfect for Bias ply tires.
- Fast & easy way to repair punctures up to 25 mm in all Bias ply tires.

- Eliminates long filler gum curing time. Use with chemically or heat.
- Appropriate bias plug cutters to be used for drilling the injury



CODE	DESCRIPTION	PLUG PATCH SIZE	INJURY SIZE INCHES (MM)	PLY	CARBIDE CUTTER	QTY / BOX
34-3008	Bias Plug PP 16	Stem 16mm Length 70mm Patch 140 X 140mm	1/2" (12mm) injury	3	BC-1	6
34-3009	Bias Plug PP 22	Stem 22mm Length 70mm Patch 160 X 160mm	3/4" (20mm) injury	3	BC-2	4
34-3010	Bias Plug PP 30	Stem 30mm Length 70mm Patch 160 X 160mm	1" (25mm) injury	4	BC-3	4

## ROUND TUBE REPAIRS

Bestpatch tube repairs made of cured black body with self vulcanizing cushion gum. Available in round and oval shapes. Use in tubes from motorcycle to earthmover. Use Bestpatch CVF for perfect bonding.



CODE	DESCRIPTION	INCHES / MM	BOX QTY
37-4001	Tiny Round 100 pcs pkt - R 25	1" - 25mm	25
37-4002	Mini Round 50 pcs pkt - R 35	1 3/8" - 35mm	25
37-4003	Small Round 40 pcs pkt - R 43	1 3/4" - 43mm	25
37-4004	Little Round 32 pcs pkt - R 53	2 1/8" - 53mm	20
37-4005	Medium Round 30 pcs pkt - R 60	2 3/8" - 60mm	15
37-4006	Large Round 20 pcs pkt - R 80	3 1/8" - 80mm	10
37-4007	Maxi Round 10 pcs pkt - R 100	4" - 100mm	14
37-4008	Giant Round 10 pcs pkt - R 125	5" - 125mm	10

## OVAL TUBE REPAIRS



CODE	DESCRIPTION	INCHES / MM	BOX QTY
37-4009	Tiny Round 100 pcs pkt - R 25	1" - 25mm	25
37-4010	Medium Round 30 pcs pkt - R 60	2 3/8" - 60mm	15
37-4011	Large Round 20 pcs pkt - R 80	3 1/8" - 80mm	10
37-4012	Maxi Round 10 pcs pkt - R 100	4" - 100mm	14
37-4013	Giant Round 10 pcs pkt - R 125	5" - 125mm	10

## CYCLE TUBE REPAIRS

Bestpatch Cycle tube repair patches available in round and sheet. Sheets can be used for puncture of any size in cycle tubes



CODE	DESCRIPTION	INCHES / MM	BOX QTY
37-4014	Cycle Round 100 pcs pkt	1" - 28mm	25
37-4015	Cycle Square 100 pcs pkt	1" - 25mm	25
37-4016	Cycle Sheet	12" X 9" - 300 X 225mm	50

## TUBE VALVE REPAIRS

Bestpatch valve repairs are standard rubber base tube repair valves backed with chemically curable self vulcanizing cushion gum.



CODE	DESCRIPTION	INCHES / MM	BOX QTY
37-4101	Tube Repair Valve - TR 29	2 1/4" - 53mm	36
37-4102	Tube Repair Valve - TR 13 R	2 3/8" - 62mm	62
37-4103	Tube Repair Valve - TR 15 R	2 3/8" - 62mm	62
37-4104	Tube Repair Valve - TR 218 A	3 1/2" - 90mm	90
37-4105	Tube Repair Valve - TR 75 A	3 1/2" - 90mm	90
37-4106	Tube Repair Valve - TR 78 A	3 1/2" - 90mm	90
37-4107	Tube Repair Valve - TR 150 R	2 3/8" - 62mm	62

## UNIVERSAL REPAIRS

Universal repair patches made of thicker rubber with self vulcanizing cushion gum to use in small pin hole injuries in all tires. Also used for tube repairs where thicker patch necessary.



CODE	DESCRIPTION	INCHES / MM	BOX QTY
37-4200	Universal Round Repair - UR 0	1 1/2" - 40mm	100
37-4201	Universal Round Repair - UR 1	2 1/2" - 53mm	30
37-4202	Universal Round Repair - UR 2	3 1/8" - 80mm	30
37-4203	Universal Square Repair - UR 3	2 3/8" X 2 3/8" - 60 X 60mm	30
37-4204	Universal Square Repair - UR 4	3" X 3" - 75 X 75mm	30
37-4205	Universal Square Repair - UR 5	1 3/4" X 1 3/4" - 45 X 45mm	100