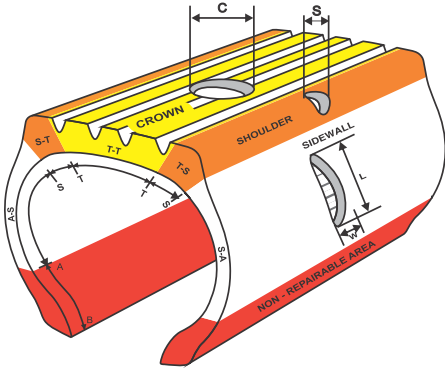


Soft Gum Radial Repair Chart



Legend	
A-B	Non-Repairable Area
S-A	Sidewall
S-T	Shoulder
T-T	Crown
C	Diameter of injury
S	Diameter of injury
L	Length of injury
W	Width of injury

Repair Restriction		
Section Width	Non-Repairable Area (A-B)	Shoulder (S-T)
Passenger Tyres	1-1/2" (40 mm)	1" (25 mm)
	6.50-7.00 (165-195)	2-1/2" (65 mm)
7.50-16.00 (190-385)	3" (75 mm)	1-1/2" (40 mm)
17.50-23.50 (425-600)	3-1/2" (90 mm)	

The above dimension are only guidelines.



Crown (T-T) Diameter	Shoulder (S-T) Diameter	Sidewall (S-A)		Speed Rating ≤U
		Width	Length	
1/4" (6 mm)	1/4" (6 mm)	RD110		
		RD114		
		1/4" (6 mm)	1/2" (13 mm)	
		3/8" (10mm)	2" (50 mm)	
3/8" (10 mm)	3/8" (10 mm)	RD110R		
		RD114		
		3/8" (10 mm)	1-1/2" (40 mm)	
		3/8" (10 mm)	2" (50 mm)	
1/2" (13 mm)	1/2" (13 mm)	RD112R		
		RD114		
		1/2" (13 mm)	1-1/2" (40 mm)	
		1/2" (13 mm)	2" (50 mm)	
3/4" (20 mm)	3/4" (20 mm)	RD112R		
		RD114		
		3/4" (20 mm)	1-1/2" (40 mm)	
		3/4" (20 mm)	2" (50 mm)	
1" (25 mm)	1" (25 mm)	RD114		
		RD114		
		1" (25 mm)	1-1/2" (40 mm)	
		1" (25 mm)	2" (50 mm)	

Notes for Passenger Tyres:

Tyres with speed rating of H, V, W, Y or Z are repairable in the crown area (T-T) but should not exceed 1/4" (6 mm) or one injury per tyre in order to maintain their designated speed rating. Run Flat Tyres maintain the same limitation as the performance tyre except multiple nail hole repairs may be performed unless it is in the same radial cord or where repair units overlap. Performance tyres are repairable beyond the shoulder area, but the speed rating would be reduced below H rating.

Repair Unit Size	Dimensions		Ply Rating
	mm	Inches	
RD110	70 x 50	2-3/4 x 2	1
RD110R	80 x 60	3-1/4 x 2-3/8	1
RD112	110 x 60	2-3/4 x 4-5/8	1
RD112R	115 x 70	4-3/8 x 2-3/8	1
RD114	145 x 75	5-3/4 x 3	1
RD120	125 x 75	5 x 3	2
RD122	165 x 75	6-1/2 x 3	2
RD124	215 x 75	8-1/2 x 3	2
RD126	250 x 75	10 x 3	3
RD128	375 x 75	13-1/8 x 2-1/8	3
RD122S	165 x 75	6-1/2 x 3	1
RD124S	215 x 75	8-1/2 x 3	1
RD126S	250 x 75	10 x 3	1
RD128S	325 x 75	12-3/4 x 3	1
RD133	125 x 100	5 x 4	3
RD135	150 x 125	6 x 5	4
RD137	170 x 125	6-3/4 x 5	4
RD140	200 x 100	8 x 4	3
RD142	250 x 125	10 x 5	3
RD144	330 x 125	13 x 5	4
RD146	405 x 140	16 x 5-1/2	4



Crown (T-T) Diameter	Shoulder (S-T) Diameter	Sidewall (S-A)		Light Truck Load Range ≤E	Truck & Bus Tyre Size			
		Width	Length		6.50-12.50	7.50-10.00	11.00-14.00	15.00-17.50
1/8" (3 mm)	1/8" (3 mm)	RD110		LT 215 - 285	8-11 235/80 - 275/80 225/75 - 295/75	12-16.5 295/80	315-80 495/65 425/50 - 495/45	
		RD110R	RD110R	RD110R	RD110R			
1/4" (6 mm)	1/4" (6 mm)	RD110		RD110	RD120	RD120	RD120	
		RD110R	RD110R	RD110R	RD110R			
5/16" (8 mm)	5/16" (8 mm)	RD110		RD110	RD120	RD120	RD120	
		RD110R	RD110R	RD110R	RD110R			
3/8" (10 mm)	3/8" (10 mm)	RD110		RD110	RD120	RD120	RD120	
		RD110R	RD110R	RD110R	RD110R			
1/2" (13 mm)	1/2" (13 mm)	RD110		RD110	RD120	RD120	RD120	
		RD110R	RD110R	RD110R	RD110R			
3/4" (20 mm)	3/4" (20 mm)	RD110		RD110	RD120	RD120	RD120	
		RD110R	RD110R	RD110R	RD110R			
1" (25 mm)	1" (25 mm)	RD110		RD110	RD120	RD120	RD120	
		RD110R	RD110R	RD110R	RD110R			

Note: Repair unit mentioned for H, V, W, Y or Z are limited to (T-T) crown area only. All other repair unit mentioned for section repair can be used for crown or sidewall injuries. For (S-T) shoulder area up to 3/8" (10mm) injury use RS - Radial shoulder repair only. Repair on Performance tyre should not exceed or supersede limitation of the new tyre manufacturer's recommendations. All injuries should be filled and supported with the appropriate repair unit. Load, speed and highway application condition may affect section repairs. This selection repair chart is to be used only as a guide.

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