

Tyre Inflation Guide - 12 Ply Tyres

12 Ply (also known as Run-Flat) Tyres are a specialised tyre type that have limitations and requirements different to other Bias and Radial Off Road Tyres.

The range of Armor P3036 Run Flat tyres are a Bias construction tyre with a 12 Ply Rating, which have a very thick and strong sidewall with almost no flex, compared to other lower ply rated ATV/UTV tyres. Because of the stiffness of the sidewall, these 12 ply tyres will offer a much firmer ride than a similar size of tyres in a 6, 8 or 10 ply rating.

They have a Max Speed, Operating Pressure and Load Rating like other tyres, but can be run at low or zero pressure to 'get you home' if you have a puncture while out riding, with the following limitations:

1a - Max Speed at Operating Pressure is 80 km/h for all sizes EXCEPT 28x10-14 which is 64km/h.
 1b - Max Speed at 0 psi for all sizes is 50 km/h. - But the operator must assess the safety and stability of the vehicle and adjust driving conditions before operation.

2 - Max Distance Rating at 0 psi is 80km for a flat tyre with minimal damage (tears in sidewall, big holes etc will reduce usable distance and potentially cause more damage to the tyre). Do not operate the vehicle if the tyre damage will cause a stability or safety issue.

3 - Max Load at 0 psi is significantly reduced compared to at Max Operating Pressure - The vehicle operator must assess vehicle stability and reduce load (weight) as required and lower vehicle operation speeds at 0 psi.

4 - Max Operating Pressure for all sizes is 28 psi - Tyre pressures will need to be reduced to suit the circumstances of usage. Some things that can effect the correct Operating Pressure of tyres are - Vehicle Type, Load being carried, Environment tyres being used in, rider comfort etc. Operators should also refer to their vehicles owners manual for confirmation of tyre pressures.

5 - These tyres are also heavier than lower ply rated ATV/UTV tyres and may apply more load to vehicle components under acceleration and braking. Operator must note this and always operate vehicle appropriately for relevant riding conditions.

ARMOR P3036 12 PLY RUN FLAT INFORMATION

SIZE	PLY RATING	TREAD PATTERN	MAX. OPERATING PRES. (psi)	MAX LOAD @ 28 psi (lbs)	SPEED RATING @ 28 psi (kmh)	MIN. OPERATING PRES. (psi)	LOAD CAPACITY @ 0 psi (lbs)	SPEED RATING @ 0 psi	DISTANCE RATING @ 0 psi	TYRE DEAD WEIGHT (kgs)
25X8.00-12	12	P3036	28	880	80 kmh	0	650	≤50km/h	80km (Undamaged)	14.2
25X10.00-12	12	P3036	28	1100	80 kmh	0	650	≤50km/h	80km (Undamaged)	15.9
27X9.00-12	12	P3036	28	1100	80 kmh	0	650	≤50km/h	80km (Undamaged)	16.0
27X11.00-12	12	P3036	28	1200	80 kmh	0	650	≤50km/h	80km (Undamaged)	17.5
27X9.00-14	12	P3036	28	1100	80 kmh	0	650	≤50km/h	80km (Undamaged)	16.2
27X11.00-14	12	P3036	28	1200	80 kmh	0	650	≤50km/h	80km (Undamaged)	18.4
28X10.00-14	12	P3036	28	1100	64 kmh	0	650	≤50km/h	80km (Undamaged)	20.9

This Tyre Guide has been prepared by Aussie Powersports and is applicable to Armor 12 Ply Rated P3036 Tyres ONLY

Please contact Aussie Powersports if you have any questions relating to the use of Armor 12 Ply Rated Tyres