



**ALLIANCE  
AGRICULTURE**

TRA: **I-3**  
Speed Rating: **A8/B**

Alliance 328 Flotation tire is a specially designed tire constructed to carry heavy loads and is used in harsh conditions. It provides improved stability over dual-tire configuration. The tire also provides much better ride comfort, higher machine mobility, better self cleaning and better overall performances on road. 328 comes in Steel Belted, Fabric and Heavy Duty variants for different sizes. Test description.

**IMPLEMENT - 400/55-22.5**



Size	Rim	Unloaded Dimension		Loaded Static radius inch	Rolling Circumference inch	Load Index PR Symbols	Inflation Pressure psi	Recommended Load							
								Speed							
		Drive wheel						Free rolling							
		6 mph	16 mph					25 mph	31 mph	6 mph	16 mph	25 mph	31 mph		
400/55-22.5	13.00DC	15.8	40.6	17.9	122.0	8PR	22	4300	3640	3060	2760	6150	5230	4390	3950
						138A8↩ 134B↩ 125A8↩ 122B↩	26	4780	4060	3420	3090	6860	5820	4890	4410
							29	5090	4320	3640	3290	7280	6200	5200	4670
							39	7280	6170	5200	4700	8730	7430	6240	5600
							12PR	32	5470	4650	3900	3510	7720	6570	5510
						146A8↩ 143B↩ 134A8↩ 130B↩	36	5890	5000	4210	3790	8330	7080	5950	5360
							44	6550	5560	4670	4210	9260	7870	6610	5950
							59	9370	7940	6680	6020	11110	9440	7940	7140
							16PR	46	6770	5750	4830	4340	9630	8180	6880
						152A8↩ 149B↩ 140A8↩ 136B↩	52	7250	6170	5180	4670	10320	8750	7360	6640
							58	7720	6570	5510	4960	10960	9300	7830	7060
							80	11050	9390	7890	7100	13140	11160	9390	8470
							18PR	44	6810	5800	4870	4390	9720	8270	6950
						154A8↩ 144A8↩	58	8050	6860	5750	5180	11510	9790	8220	7400
							65	8640	7340	6170	5560	12350	10490	8820	7940

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								Speed							
		Drive Wheel						Free Rolling							
		6 mph	16 mph					25 mph	31 mph	6 mph	16 mph	25 mph	31 mph		
400/55-22.5	13.00DCx22.5	15.8	40.6	17.9	122.0	16PR  152A8 140A8	12	3000	2540	2140	1930	4300	3640	3060	2760
							23	4500	3840	3220	2900	6420	5470	4590	4120
							35	5710	4850	4080	3670	8160	6920	5820	5250
							46	6770	5750	4830	4350	9630	8180	6880	6200
							58	7720	6570	5510	4960	10960	9300	7830	7060

Highlighted rows indicate cyclic high load variations. Note: For above mentioned size 8 PR and 12 PR are no longer active for production. 1) When tires equip vehicles subject to haulage cyclic high load variations excluding transport application on long distances, i.e. vehicles used on round trips (e.g. from field to farm) where on one way the vehicle is empty & on the other way the gross vehicle mass exceeds two times the mass of empty vehicle (last two rows in the table). 2) When fitted on tractor steering wheels load capacities are 80% of free rolling and inflation pressure 20% higher. 3) For 10 KM/H and stationary use inflation pressure raised 20% and 25% respectively. 4) Load for intermediate speed should be taken as an average between two close speeds 5) Load at lower speed than 10km/h may be similar to the load for 10km/h.6)Size with # is available in C marked which is best fit for sugarcane application.