

**ALLIANCE
AGRICULTURE**TRA: **R-1**
Speed Rating: **D**

The Alliance 350 is a special line of radial narrow tires for all types of cultivation, harvesting and spraying jobs. The tire is characterized by round shoulders for soil and crop protection. A tough casing and rigid belt provides all the advantages of radial construction. This tire is used as front wheel in Row Crop applications.

TRACTOR - 300/95R52(12.4R52) Steel Belted

Size	Rim	Unloaded Dimension		Loaded Static radius mm	Rolling Circumference mm	Load Index PR Symbols	Inflation Pressure bar	Recommended Load									
								Speed									
		Non Cyclic Operations															
		Static kmph	10 kmph					15 kmph	20 kmph	25 kmph	30 kmph	40 kmph	50 kmph	65 kmph	70 kmph		
300/95R52 (12.4R52)	W10X52 W9X52	310	1890	887	5781	149D 152A8	0.8	3220	2100	1876	1722	1659	1610	1533	1470	1400	1274
							1.2	4140	2700	2412	2214	2133	2070	1971	1890	1800	1638
							2	5589	3645	3256	2989	2880	2795	2661	2552	2430	2211
							2.8	6440	4200	3752	3444	3318	3220	3066	2940	2800	2548
							3.6	7475	4875	4355	3998	3851	3738	3559	3413	3250	2958
Size	Rim	Unloaded Dimension		Loaded Static radius mm	Rolling Circumference mm	Load Index PR Symbols	Inflation Pressure bar	Recommended Load									
								Speed									
		Cyclic Operations															
		10 kmph	15 kmph														
300/95R52 (12.4R52)	W10X52 W9X52	310	1890	887	5781	149D 152A8	1	2380	2170								
							1.5	3060	2790								
							2.5	4131	3767								
							3.5	4760	4340								
							4.5	5525	5038								
Size	Rim	Unloaded Dimension		Loaded Static radius mm	Rolling Circumference mm	Load Index PR Symbols	Inflation Pressure bar	Recommended Load									
								Speed									
		Not high and sustained torque:Road transport															
		10 kmph															
300/95R52 (12.4R52)	W10X52 W9X52	310	1890	887	5781	156D 159A8	0.8	2100									
							1.2	2700									
							1.6	3270									
							2	3650									
							2.4	3860									
							2.8	4200									
							3.2	4500									
							3.6	4880									
							4	5180									
							4.4	5630									
4.8	6000																
Size	Rim	Unloaded Dimension		Loaded Static radius mm	Rolling Circumference mm	Load Index PR Symbols	Inflation Pressure bar	Recommended Load									
								Speed									
		15 kmph	20 kmph					25 kmph	30 kmph	40 kmph	50 kmph	65 kmph					
300/95R52 (12.4R52)	W10X52 W9X52	310	1890	887	5781	156D 159A8	0.8	NA	1720	1660	1610	1530	1470	1400			
							1	2170	NA	NA	NA	NA	NA	NA			
							1.2	NA	2210	2130	2070	1970	1890	1800			
							1.5	2790	NA	NA	NA	NA	NA	NA			
							1.6	NA	2680	2580	2510	2390	2290	2180			
							2	3380	2990	2880	2790	2660	2550	2430			
							2.4	NA	3170	3050	2960	2820	2700	2575			
							2.5	3770	NA	NA	NA	NA	NA	NA			
							2.8	NA	3440	3320	3220	3070	2940	2800			
							3	3990	NA	NA	NA	NA	NA	NA			
							3.2	NA	3690	3560	3450	3290	3150	3000			
							3.5	4340	NA	NA	NA	NA	NA	NA			
							3.6	NA	4000	3850	3740	3560	3410	3250			
							4	4650	4240	4090	3970	3780	3620	3450			
							4.4	NA	4610	4440	4310	4110	3940	3750			
							4.5	5040	NA	NA	NA	NA	NA	NA			
							4.8	NA	4920	4740	4600	4380	4200	4000			
							5	5350	NA	NA	NA	NA	NA	NA			
							5.5	5810	NA	NA	NA	NA	NA	NA			
							6	6200	NA	NA	NA	NA	NA	NA			
Size	Rim	Unloaded Dimension		Loaded Static radius mm	Rolling Circumference mm	Load Index PR Symbols	Inflation Pressure bar	Recommended Load									
								Speed									
		CYCLIC OPERATION															
		10 kmph															
300/95R52 (12.4R52)	W10X52 W9X52	310	1890	887	5781	156D 159A8	1	2380									
							1.5	3060									
							2	3710									
							2.5	4130									
							3	4380									
							3.5	4760									
							4	5100									
							4.5	5530									
							5	5870									
							5.5	6380									
6	6800																

