



ALLIANCE  
AGRICULTURE  
  
TRA: **R-1**  
Speed Rating: **A8**

Alliance 347 is a drive wheel tractor tire with higher number of 23 degree lugs. It provides maximum traction on all types of soil and provides a smooth drive. A strong nylon carcass guards against mechanical failures and moisture deterioration. The tire is engineered with breakers for better protection against punctures.

TRACTOR - 16.9-38

Size	Rim	Unloaded Dimension		Loaded Static radius mm	Rolling Circumference mm	Load Index PR Symbols	Inflation Pressure bar	Recommended Load								
								Speed								
								Field operation			Not high and sustained torque; Road transport					
		High Tor	Low Torque													
	10 kmph	10 kmph	20 kmph	Static kmph	10 kmph	20 kmph	30 kmph	40 kmph	50 kmph							
16.9-38	W15L	429	1689	767	5003	6PR	1.1	2120	2770	2380	4550	2970	2440	2120	1980	1800
	W15A					1.2	NA	2910	2500	4780	3120	2560	2230	2080	1890	
	W14L W14A					1.3	NA	3050	2620	5010	3270	2680	2330	2180	1980	
Size	Rim	Unloaded Dimension		Loaded Static radius mm	Rolling Circumference mm	Load Index PR Symbols	Inflation Pressure bar	Recommended Load								
								Speed								
		Tractor application														
	SW mm	OD mm	Static kmph	10 kmph	20 kmph	25 kmph	30 kmph	40 kmph	50 kmph							
16.9-38	W15L	429	1685	767	5003	8	0.8	3956	2580	2116	1909	1840	1720	1565		
	X 38					1.2	5014	3270	2681	2420	2333	2180	1984			
						1.6	5923	3863	3167	2858	2755	2575	2343			

Note: For above mentioned size only 8 PR is active for production. 1) For stationary service (0 km/h) and speed up to 10 km/h inflation pressure must increase by 20%. 2) Field dual: 88% of field load, Field triple :82% of field load. \*Alliance allows for Free Rolling application: Load capacity to be increased by 20%, after increasing the inflation pressure by 20%.

