

# NEW TIRE RELEASE DOCUMENT

NTRD No: I-714

## AGRI STAR II 480/70R38 145D TL

**Release Type:** Full Release  
**Release Region:** Global

Marketing Dept.  
Month: Sept /2019

This document is created to register the marketing communication collaterals and process details for the launch of the above mentioned pattern; it is intended for internal circulation and approval for further dissemination. All facts and figures mentioned in the document is true to the best of our knowledge as on the above said date, for updated information please feel free to visit the website [www.atgtire.com](http://www.atgtire.com).

# New Tire Release Document

NTRD No: I-714

Release Month: Sept 19  
 Brand (Logo): **ALLIANCE**  
 Tread pattern: AGRI STAR II  
 Size: 480/70R38  
 Product code: 47000038AL-IN  
 Main applications:



Agri Star II has StratifiedLayer™ technology which provides excellent traction and road ability for on road & off road application. StratifiedLayer™ technology is a unique combination of 2 layers of lugs which ensures higher lug competency after initial wear. Even after 40% wear the second layer of lug ensures grip and traction making it well equipped for effective long life on field.

## Technical Data

Pattern	AGRI STAR II
Size	480/70R38
LI/SI/PR	145D
TRA Code	R-1W
Tire Weight (Kgs / lbs)	135 / 297.7
No. of Lugs	22
NSD (mm/1/32inch)	51 / 64.3
TT/TL	TUBELESS (TL)
SRI	800
RCI	44
Gross Flat Plate Area (cm2/in2)	959.6 / 148.7
Volume (Liters/Gallons)	480.3 / 126.9
E-marking Number	E11 106R-005872
Tyre warranty	7 Years

Feature	Advantage	Benefit
Stratified Layer Technology	<ul style="list-style-type: none"> <li>Long tire life at different stages throughout its life</li> <li>Improve traction and better lug support</li> <li>Improves braking handling (during negative slippage)</li> </ul>	<ul style="list-style-type: none"> <li>Best on &amp; off road performance with better traction</li> <li>Enhanced vehicle stability &amp; better ride quality</li> <li>Low soil compaction due to wider footprint resulting in improved productivity.</li> </ul>
Polyester Casing Construction	<ul style="list-style-type: none"> <li>Gives dimensional stability</li> <li>Better Strength</li> </ul>	<ul style="list-style-type: none"> <li>Longer life</li> </ul>
Wider Tread Width	<ul style="list-style-type: none"> <li>More contact area</li> </ul>	<ul style="list-style-type: none"> <li>Reduced soil compaction</li> </ul>
Stubble Guard	<ul style="list-style-type: none"> <li>Resistance to stubble/ Cut &amp; Crack</li> </ul>	<ul style="list-style-type: none"> <li>Lesser breakdown</li> <li>Longer life</li> </ul>
Wear Resistance Compound	<ul style="list-style-type: none"> <li>Less wear</li> </ul>	<ul style="list-style-type: none"> <li>Lesser breakdown</li> <li>Longer life</li> </ul>

## Performance Parameters

Traction	★★★★★★★★★★
Driving Comfort	★★★★★★★★★★
Self Cleaning	★★★★★★★★★★
Braking Properties	★★★★★★★★★★

## Structural Difference

Compound	Stubble Guard
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**Load Table**

Size	Rim	Unloaded dimension		Loaded Static	Rolling Circum	Load Index	Infl. press.	Recommended load, kg (lbs)							
		SW	OD	Radius				Speed, km/h (mph)							
		mm	mm	mm	mm	Speed	bar	Static	10	25	30	40	50	65	
		in	in	in	in	Symbol	psi		6	16	19	25	31	40	
480/70R38	W15LX38 W14L, W16L	482	1681	777	4984	145D	0.8	4260	2780	2190	2130	2030	1940	1850	
							12	9380	6120	4820	4690	4470	4270	4070	
		18.98	66.18	30.59	196.22		1.0	4880	3180	2510	2440	2320	2230	2120	
							15	10750	7000	5530	5370	5110	4910	4670	
		1.2	17	1.4	20		1.6	5430	3540	2800	2710	2580	2480	2360	
								11960	7800	6170	5970	5680	5460	5200	
		1.4	20	1.6	23		6100	3980	3140	3050	2900	2780	2650		
							13440	8770	6920	6720	6390	6120	5840		
		1.6	23	6670	4350		3440	3340	3180	3050	2900	2780	2650		
				14690	9580		7580	7360	7000	6720	6390				

Overall Width (+/- 2%) Overall Diameter (+/- 1.5%) Static radius (+/- 2%) Circumference (+/- 2.5%)

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With presence in 120 countries, across 6 continents, ATG specializes in the development, manufacturing and sale of Off-Highway Tires. One of the fastest growing companies in the segment, ATG has a wide range of offerings for Agricultural, Forestry, Industrial and OTR tires and three world-renowned brands – Alliance, Galaxy and Primex. ATG's mission is to deliver superior value to their customers through focus on innovation, technology and cost-efficient manufacturing and distribution practices. ATG is a fully owned subsidiary of The Yokohama Rubber Company, Japan.

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