



# **AGRIFLEX 363 IF 320/90R46 155D**

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New Tire Release Document  
G-448

Marketing Dept.  
Month: February 2015

# New Tire Release Document

NTRD No: G-448

- **Release Month:** February 2015
- **Brand:** Alliance
- **Tread pattern:** AGRIFLEX 363
- **Size:** IF 320/90R46
- **Product code:** 36300200

- **Main applications:** Agricultural Tractors and Harvesters in dual and triple configuration, towed and self-propelled Sprayers and Row Crop Tractors



## 363 AGRIFLEX

The new advanced 363 AGRIFLEX (IF) is designed with specific sidewalls flexibility, enabling the tire to carry either the same loads as a standard radial tractor tire but at lower pressures or carry up to 20% more heavier loads at the same pressure.

Size	LI
320/90R46 IF	155D
380/90R46 IF	168D
480/80R50 IF	166D



The 363 AGRIFLEX (IF) tyres are characterized by:-

- Directional lug design divided into separated blocks, provides excellent grip on soft surfaces
- Larger number of blocks and high rubber to void tread ratio, enable long tread wear life, comfort and low rolling resistances during transport operation on hard surfaces
- Larger tires footprint area provides higher traction, reduce fuel costs, and minimizes soil compaction
- Steel belted carcass structure ensures uniform ground pressure distribution and extended tread wear
- Steel belts shield provides outstanding puncture protection

## Application Image





## Technical Details

Pattern	Row Crop
Tire Size	IF320/90R46
Tread Design	363
Tire weight <i>kg / lbs</i>	110.409 / 243.2
Non skid depth NSD mm / in/32	37 / 47/32
Number of lugs	35 X 2
TT/TL	TL
Catalogue number	36300020
Gross Flat Plate Area $cm^2 / in^2$	1535 / 238
Volume <i>liters / gallons</i>	290 / 77
RCI	45
SRI	850

Size	Rim	Unloaded dimension		Loaded Static radius	Rolling circ. RCI SRI	PR,Stars Load Index	Infl. press	Speed, km/h (mph)										
		SW	OD					Recommended load, kg (lbs)										
								Not high and sustained torque; Road transport							Cyclic*			CFO
		mm in	mm in					mm in	mm in	mm in	Speed Symbol	bar psi	10 6	15 9	20 12	25 up to 40 km/h 15 up to 25 mph	25 up to 65 km/h 15 up to 40 mph	70 44
IF 320/90R46	DW10 DW11 DW12	308 12.1	1748 68.8	821 32.3	5324 209.6	45 850	155D	2	3630	3240	2970		2900	2640	2.5	4495		
								29	8000	7140	6540		6390	5810	36	9900		
								2.2	3750	3350	3080		3000	2730	2.8	4650		
								32	8260	7380	6780		6610	6010	40	10240		
								2.4	3750	3350	3080		3000	2730	3	4650		
								35	8260	7380	6780		6610	6010	44	10240		
								2.6	3940	3520	3230		3150	2870	3.3	4883		
								38	8680	7750	7110		6940	6320	47	10750		
								2.8	4190	3740	3430		3350	3050	3.5	5193		
								41	9230	8240	7560		7380	6720	51	11440		
								3	4310	3850	3540		3450	3140	3.8	5348		
								44	9490	8480	7800		7600	6920	54	11780		
								3.2	4440	3960	3640		3550	3230	4	5503		
								46	9780	8720	8020		7820	7110	58	12120		
								3.4	4690	4190	3840		3750	3410	4.2	5813		
								49	10330	9230	8460		8260	7510	61	12800		
								3.6	4840	4330	3970		3875	3530	4.4	6006		
52	10660	9540	8740		8540	7780	64	13230										
4.3 FR						4650	4236											
62 FR						10240	9330											

## ATG

Alliance Tire Group specializes in the development, manufacturing, and marketing of Agriculture, Forestry, Construction, Industrial, Earth Moving and OEM applications under Alliance, Galaxy and Primex Brands.

Backed by nearly 60 years of experience, Alliance Tire Group serves customers in 120 countries and offers a full spectrum of products, from basic entry-level tires to a broad range of superior quality value-added products. All of the Group's tires are developed and tested at its advanced R&D centers.

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