

ATG | BETTER VALUE.
SMARTER CHOICE.

ROWCROP TYRE RANGE

 **ALLIANCE**
ENGINEERED TO KEEP YOU AHEAD



ABOUT ALLIANCE

ALLIANCE TIRE GROUP

Alliance Tire Group (ATG) specializes in the development, manufacturing and sale of Off-Highway Tyres. One of the fastest growing Off-Highway Tyre companies, ATG has a wide range of Products for Agricultural, Forestry, Industrial and OTR tyres. ATG owns three world-renowned brands – Alliance, Galaxy and Primex.

ALLIANCE

Established in Israel in 1950, Alliance has a range of over 1000 specialized items, each product is carefully engineered keeping the latest technology in mind. Alliance helps to maximize profits with its focus on pioneering innovation and technology. It offers the widest range in sizes and patterns so that you have the perfect, most efficient tyre for your needs.

Alliance is the market leader in Row Crop and a pioneer in Flotation tyres. Alliance also boasts of a very comprehensive lineup of tyres for tractors, sprayers and spreaders. It offers the widest range in terms of pricing, sizes and patterns, which are available for varied applications which include Agriculture, Industrial/OTR and Forestry machines. Alliance range of radial tyres is popular with leading OEMs and the after-market

Alliance is a pioneer and a leader in Row Crop tyres. Being true to its position as a leader for row crop tyres, Alliance has kept pace with the rapid growth and advancement in sprayer design and technology. To equip modern high speed large capacity sprayers Alliance has range of IF & VF technology tyres that are rated at D speed rating. Alliance was also the first to offer sprayer tyres capable of doing 60kph, with its 350 Row Crop Narrow Radial tyres. More than 80 SKUs are available from three designs.



ROW CROP

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ROW CROP



R-1W



2WD TRACTOR



4WD TRACTOR



SPRAYER



MFWA



AGRIFLEX / + 354

The advanced AGRIFLEX+ 354 IMPROVED FLEXION (IF) & VERY IMPROVED FLEXION (VF) are designed to carry same load as standard radial tractor tyre but at lower pressure or carry more load up to 20% for IF and 40% for VF at the same pressure. Together with all the advantages of Alliance's standard R-1W radial tractor drive tyres these tyres allow lower inflation pressure for the same load capacity related to regular Row Crop tyres. Stronger lugs than regular Row Crop tyres, outstanding traction, excellent self-cleaning characteristics and enhanced lug shape ensure exceptional durability, comfort and a significant reduction of noise while driving on the road. Agriflex+ 354 gives larger tyre footprint area for higher traction, reduces fuel costs and increases overall operation productivity and best puncture protection and more uniform ground pressure distribution due to its steel belts.



Steel Belted Speed Rating Traction

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum RCI SRI	Load Index Speed Symbol	Infl. press	Recommended load, kg (lbs)										
		Speed, km/h (mph)																
		Not high and sustained torque; Road transport								Cyclic*		CFO*						
		SW	OD											Press.	Load	Load	Load	
mm in	mm in	mm in	mm in	mm in	mm in	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	bar psi	10 6	15 9	30 19		
VF 380/80R38	DW13	398	1595	725	4690	154D	2.4	4020	3750	3750	-	3750	3410	3	5810	-	-	
	DW12	15.7	62.8	28.5	184.6		35	8850	8260	8260	-	8260	7510	44	12800	-	-	
VF 380/90R46	DW13	391	1854	861	5595	173D	4.4	8130	6500	6500	-	6500	5920	5.2	10080	-	-	
	DW12	15.4	73	33.9	220.3		64	17910	14320	14320	-	14320	13040	75	22200	-	-	
VF 320/105R46	DW11					172D												
	DW10	325	1840	850	5583		4.8	6750	6300	6300	-	6300	5730	5.6	9770	-	-	
	DW12	12.8	72.4	33.5	219.8		70	14870	13880	13880	-	13880	12620	81	21520	-	-	
VF 520/85R46	W11, W12					170D												
	DW18	530	2052	916	6013		1.6	6430	6000	6000	-	6000	5460	2	9300	-	-	
VF 480/80R50	DW16	20.9	80.8	36.1	236.7	171D	23	14160	13220	13220	-	13220	12030	29	20480	-	-	
	DW15	479	2050	936	6114		2.4	6590	6150	6150	-	6150	-	3	9530	-	-	
VF 320/90R50	DW15	18.9	80.7	36.9	240.7	179D	35	14520	13550	13550	-	13550	-	44	20990	-	-	
	DW16	18.9	80.7	36.9	240.7		3.6	8300	7750	7750	-	7750	7050	4.4	12010	-	-	
	DW15	18.9	80.7	36.9	240.7		52	18280	17070	17070	-	17070	15530	64	26450	-	-	
VF 420/95R50	W11, W12					166D												
	DW14, DW13	425	2052	932	6131		4.4	5680	5300	5300	-	5300	4820	5.2	8220	-	-	
VF 420/95R50	W14, W13	16.7	80.8	36.7	241.4	177D	64	12510	11670	11670	-	11670	10620	75	18110	-	-	
	W14, W13	16.7	80.8	36.7	241.4		52	20110	17950	16480	-	16080	14630	64	24930	-	-	
VF 480/95R50	W14	485	2187	984	6550	176D	2.4	7610	7100	7100	-	7100	6460	3	11010	-	-	
	W13	19.1	86.1	38.7	257.9		35	16760	15640	15640	-	15640	14230	44	24250	-	-	



BETTER VALUE.
SMARTER CHOICE.

354 AGRIFLEX

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum RCI SRI	Load Index Speed Symbol	Infl. press	Recommended load, kg (lbs)										
		SW OD						Speed, km/h (mph)							Cyclic*		CFO*	
		Not high and sustained torque; Road transport							Press.	Load	Load	Load						
		mm in	mm in					mm in	mm in	mm in	mm in	mm in	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
IF 420/85R34	W14L	417	1575	709	4621	154D	2.4	4690	4190	3840	–	3750	3410	3	5813	–	–	
	W15L	16.4	62	27.9	181.9		35	10330	9230	8460	–	8260	7510	44	12800	–	–	
IF 380/80R38	DW13	398	1595	728	4710	149D	2.4	4060	3630	3330	–	3250	2960	3	5038	–	–	
	DW12	15.7	62.8	28.7	185.4		35	8940	8000	7330	–	7160	6520	44	11100	–	–	
IF 380/95R38	DW13	390	1687	767	4958	154D	2.4	4690	4190	3840	–	3750	3410	3	5813	–	–	
	DW12	15.4	66.4	30.2	195.2		35	10330	9230	8460	–	8260	7510	44	12800	–	–	
IF 320/105R46	DW11					166D												
	DW10																	
	DW12	345	1840	857	5572		4.8	6630	5920	5430	–	5300	4820	5.6	8215	–	–	
	W11	13.6	72.4	33.7	219.4		70	14600	13040	11960	–	11670	10620	81	18090	–	–	
	W12																	
IF 320/90R46	DW10	320	1744	814	5283	155D	3.6	4840	4330	3970	–	3875	3530	4.4	6006	–	–	
	DW11	12.6	68.7	32	208		52	10660	9540	8740	–	8540	7780	64	13230	–	–	
IF 380/90R46	DW13	391	1854	861	5595	168D	4.4	7000	6250	5740	–	5600	5100	5.2	8680	–	–	
	DW12	15.4	73	33.9	220.3		64	15420	13770	12640	–	12330	11230	75	19120	–	–	
							173D	5.2	8130	7260	6660	–	6500	5920	6	10075	–	–
						75	17910	15990	14670	–	14320	13040	87	22190	–	–		
IF 520/85R46	DW18	530	2052	916	6013	165D	1.6	6440	5750	5280	–	5150	4690	2	7983	–	–	
	DW16	20.9	80.8	36.1	236.7		23	14190	12670	11630	–	11340	10330	29	17580	–	–	
IF 340/85R48	DW12	343	1808	850	5480	159D	4	5470	4890	4480	–	4375	3980	4.8	6781	–	–	
		13.5	71.2	33.5	215.7		58	12050	10770	9870	–	9640	8770	70	14940	–	–	
IF 320/90R50	DW11	319	1846	871	5645	161D	4.4	5780	5160	4740	–	4625	4210	5.2	7169	–	–	
	W10, W12	12.6	72.7	34.3	222.2		64	12730	11370	10440	–	10190	9270	75	15790	–	–	
IF 380/105R50	DW13	399	2052	947	5657	177D	4.8	9130	8150	7480	–	7300	6640	5.6	11315	–	–	
	DW12	15.7	80.8	37.3	222.7		70	20110	17950	16480	–	16080	14630	81	24920	–	–	
IF 320/105R50	DW11	323	1938	909	5796	152D	2.4	4440	3960	3640	–	3550	3230	3	5503	–	–	
	DW12	12.7	76.3	35.8	228.2		35	9780	8720	8020	–	7820	7110	44	12120	–	–	
IF 380/105R50*						175D												
IF 380/90R50	DW13	385	1956	906	5896	170D	4.4	7500	6700	6150	–	6000	5460	5.2	9300	–	–	
	DW12	15.2	77	35.7	232.1		64	16520	14760	13550	–	13220	12030	75	20480	–	–	
IF 480/80R50	DW16	479	2050	946	6153	166D	2.4	6630	5920	5430	–	5300	4820	3	8215	–	–	
	DW15	18.9	80.7	37.2	242.2		35	14600	13040	11960	–	11670	10620	44	18090	–	–	
IF 480/95R50	DW16	480	2187	988	6518	165D	1.6	6440	5750	5280	–	5150	4690	2	7983	–	–	
	DW15	18.9	86.1	38.9	256.6		23	14190	12670	11630	–	11340	10330	29	17580	–	–	
IF 230/115R54	W8	257	1947	921	5941	145D	3.2	3630	3240	2970	–	2900	2640	4	4495	–	–	
		10.1	76.7	36.3	233.9		46	8000	7140	6540	–	6390	5810	58	9900	–	–	
IF 270/105R54*																		
IF 320/90R54	DW11					162D												
	DW10	322	1950	922	5951		4.4	5940	5300	4870	–	4750	4320	5.2	7363	–	–	
	DW12	12.7	76.8	36.3	234.3		64	13080	11670	10730	–	10460	9520	75	16220	–	–	
IF 320/105R54	DW11	330	2040	959	6230	167D	4.4	6810	6090	5590	–	5450	4960	5.2	8448	–	–	
		13	80.3	37.8	245.3		64	15000	13410	12310	–	12000	10930	75	18610	–	–	
IF 380/90R54	DW13	380	2056	959	6231	171D	4.4	7690	6870	6300	–	6150	5600	5.2	9533	–	–	
	DW12	15	80.9	37.8	245.3		64	16940	15130	13880	–	13550	12330	75	21000	–	–	
IF 380/105R54*						180D												

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2WD TRACTOR



4WD TRACTOR



SPRAYER



MFWA



AGRIFLEX / + 363

Alliance 363 AGRIFLEX (IF) IMPROVED FLEXION and VERY HIGH FLEXION (VF) are modern tyres suitable for modern methods in field spraying. It is an optimal tyre for heavy and high speed self-propelled sprayers. The IF tyre construction enables working with higher tyre deflection, providing up to 20% higher load carrying capacity for the same inflation pressure as regular tyres. The VF tyre enables working with higher tyre deflection, providing up to 40% higher load carrying capacity for the same inflation pressure as regular tyres.

The directional lug design, divided into separated blocks provides excellent grip on soft surfaces. Larger number of blocks and high rubber to void tread ratio, ensures longer tread life, comfort and low rolling resistances during transport operation on hard surfaces. Larger tyre footprint area provides higher traction, reduces fuel costs and minimizes soil compaction. Steel belted carcass structure ensures uniform ground pressure distribution, puncture protection and extended tread life



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum RCI SRI	Load Index Speed Symbol	Infl. press	Recommended load, kg (lbs)										
		SW	OD					Speed, km/h (mph)										
								Not high and sustained torque; Road transport							Cyclic*		CFO*	
								10		15		20		25 up to 40 km/h 15 up to 25 mph		25 up to 65 km/h 15 up to 40 mph		70
mm in	mm in	mm in	mm in	bar psi	6	9	12	15 up to 25 mph	15 up to 40 mph	44	bar psi	6	9	30				
IF 320/90R46	DW10	308	1748	821	5324	155D	3.6 52	4840	4330	3970		3875	3530	4.4	6006	-	-	
	DW11	12.1	68.8	32.3	209.6			10660	9540	8740		8540	7780	64	13230	-	-	
	DW12																	
	DW13																	
IF 380/90R46 Steel Belted	DW12	389	1842	853	5608	168D	4.4 64	7000	6250	5740	-	5600	5100	5.2	8680	-	-	
	W12	15.3	72.5	33.6	220.8			15420	13770	12640	-	12330	11230	75	19120	-	-	
	W13																	
IF 480/80R50 Steel Belted	DW16	480	2038	940	6153	166D	2.4 35	6630	5920	5430	-	5300	4820	3	8215	-	-	
		18.9	80.2	37	242.2			14600	13040	11960	-	11670	10620	44	18090	-	-	



363 AGRIFLEX +

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum RCI SRI	Load Index Speed Symbol	Infl. press	Recommended load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
								Not high and sustained torque; Road transport					Cyclic*		CFO*		
		mm in	mm in					mm in	mm in	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	Press. bar psi
	DW13																
VF 380/90R46	DW12	389	1842	848	5548	173D	4.4	8130	7260	6660	—	6500	5920	5.2	10075	—	—
	W12	15.3	72.5	33.4	218.4		64	17910	15990	14670	—	14320	13040	75	22190	—	—
	W13																
VF 230/95R48	DW9	232	1660	784	5058	146D	3.6	3210	3000	3000	—	3000	2730	4.4	4650	—	—
		9.1	65.4	30.9	199.1		52	7070	6610	6610	—	6610	6010	64	10240	—	—
VF 270/95R48	DW10	275	1733	816	5329	155D	4	4150	3875	3875	—	3875	3530	4.8	6010	—	—
	DW9	10.8	68.2	32.1	209.8		58	9140	8540	8540	—	8540	7780	70	13240	—	—
VF 270/95R54	DW10	287	1894	894	5744	156D	3.6	4290	4000	4000	—	4000	3640	4.4	6200	—	—
	DW9	11.3	74.6	35.2	226.1		52	9450	8810	8810	—	8810	8020	64	13660	—	—

R-1



4WD TRACTOR



SPRAYER



MFWA



350

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



Speed Rating



Traction

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Stars Load Index Speed Symbol	Infl. press	Recommended load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
								1) Not high and sustained torque; 2) Road transport									
								Non cyclic operation					Cyclic operation				
mm in	mm in	mm in	mm in	25 16	40 25	50 31	65 40	70 44	bar psi	10 6	15 9						
230/95R32	W8 W7	241 9.5	1245 49	582 22.9	3796 149.4	**	2.4	1400	1440	1330	1280	1215	1110	3	2070	1880	
						115D	35	3080	3170	2930	2820	2680	2440	44	4560	4140	
						126A2	****	3.6	2070	2130	1970	1890	1800	1640	4.5	3060	2790
						128D	52	4560	4690	4340	4160	3960	3610	65	6740	6150	
						131A8	****	3.6	2300	2370	2190	2100	2000	1820	4.5	3400	3100
270/95R32 (11.2R32)	W10 W9 W8	284 11.2	1300 51.2	601 23.7	3894 153.3	132D	52	5070	5220	4820	4630	4410	4010	65	7490	6830	
						135A8	****	3.6	2300	2370	2190	2100	2000	1820	4.5	3400	3100
						****	3.6	2300	2370	2190	2100	2000	1820	4.5	3400	3100	
8.3R32	W7 W6	211 8.3	1190 46.9	553 21.8	3576 140.8	116D	3.6	1440	1480	1370	1310	1250	1140	4.5	2130	1940	
						119A8	52	3170	3260	3020	2890	2750	2510	65	4690	4270	
9.5R32	W8 W7	241 9.5	1245 49	582 22.9	3796 149.4	**	2.4	1400	1440	1330	1280	1215	1110	3	2070	1880	
						115D	35	3080	3170	2930	2820	2680	2440	44	4560	4140	
						126A2	****	3.6	2070	2130	1970	1890	1800	1640	4.5	3060	2790
						128D	52	4560	4690	4340	4160	3960	3610	65	6740	6150	
11.2R36	W10 W9 W8	284 11.2	1410 55.5	654 25.7	4327 170.4	136D	3.6	2580	2650	2450	2350	2240	2040	4.5	3810	3470	
						139A8	52	5680	5840	5400	5180	4930	4490	65	8390	7640	
						****	3.6	2580	2650	2450	2350	2240	2040	4.5	3810	3470	

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Stars Load Index	Infl. press	Recommended load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
		mm in	mm in	mm in	mm in	Field	1) Not high and sustained torque; 2) Road transport					Cyclic operation					
							Non cyclic operation				Cyclic operation	bar psi	10 6	15 9			
						bar psi	25 16	40 25	50 31	65 40	70 44						
230/95R36	W8 W7	241 9.5	1345 53	625 24.6	4161 163.8	**											
						117D	2.4	1480	1520	1410	1350	1285	1170	3	2180	1990	
						128A2	3.2	2040	2100	1940	1860	1770	2580	4	3010	2740	

						130D	3.6	2190	2250	2080	2000	1900	1730	4.5	3230	2950	
270/95R36	W10 W9 W8	284 11.2	1410 55.5	654 25.7	4327 170.4	**	2.4	1780	1840	1700	1630	1550	1410	3	2640	2400	
						123D											
						134A2	35	3920	4050	3740	3590	3410	3110	44	5810	5290	
						****	3.6	2580	2650	2450	2350	2240	2040	4.5	3810	3470	
						136D	52	5680	5840	5400	5180	4930	4490	65	8390	7640	
8.3R36	W7 W6	211 8.3	1290 50.8	607 23.9	4023 158.4	****	3.6	1520	1560	1450	1390	1320	1200	4.5	2240	2050	
						118D											
						121A8	52	3350	3440	3190	3060	2910	2640	65	4930	4520	
						****	3.6	2190	2250	2080	2000	1900	1730	4.5	3230	2950	
						130D	52	4820	4960	4580	4410	4190	3810	65	7110	6500	
9.5R36	W8 W7	241 9.5	1345 53	625 24.6	4161 163.8	****	3.6	2650	2730	2520	2420	2300	2090	4.5	3910	3570	
						137D	52	5840	6010	5550	5330	5070	4600	65	8610	7860	
						140A8											
						****	3.6	2300	2370	2190	2100	2000	1820	4.5	3400	3100	
						132D	52	5070	5220	4820	4630	4410	4010	65	7490	6830	
11.2R38 (270/95R38)	W10 W9 W8	284 11.2	1456 57.3	680 26.8	4388 172.8	****	3.6	2790	2880	2660	2550	2430	2210	4.5	4130	3770	
						139D	52	6150	6340	5860	5620	5350	4870	65	9100	8300	
						142A8											
						****	3.6	2300	2370	2190	2100	2000	1820	4.5	3400	3100	
						135A8	52	5070	5220	4820	4630	4410	4010	65	7490	6830	
9.5R40 (230/95R40)	W8 W7	241 9.5	1460 57.5	686 27	4417 173.9	****	3.6	2790	2880	2660	2550	2430	2210	4.5	4130	3770	
						133D	4	2370	2440	2260	2160	2060	1870	5	3500	3190	
						136A8	59	5220	5370	4980	4760	4540	4120	74	7710	7030	
						****	3.6	2790	2880	2660	2550	2430	2210	4.5	4130	3770	
						139D	52	6150	6340	5860	5620	5350	4870	65	9100	8300	
9.5R42 (230/95R42)	W7	228 9	1505 59.3	712 28	4537 178.6	****	2.4	2010	2070	1920	1840	1750	1590	3	2980	2710	
						127D	35	4430	4560	4230	4050	3850	3500	44	6560	5970	
						138A2											
						****	3.6	2880	2960	2740	2630	2500	2280	4.5	4250	3880	
						140D	52	6340	6520	6040	5790	5510	5020	65	9360	8550	
11.2R42 (270/95R42)	W10 W9 W8	284 11.2	1565 61.6	736 29	4831 190.2	****	2.4	1670	1720	1590	1520	1450	1320	3	2470	2250	
						121D	35	3680	3790	3500	3350	3190	2910	44	5440	4960	
						124A8											
						****	3.6	2440	2510	2320	2230	2120	1930	4.5	3600	3290	
						134D	52	5370	5530	5110	4910	4670	4250	65	7930	7250	
9.5R44 (230/95R44)	W8 W7	241 9.5	1550 61	730 28.7	4842 190.6	****	2.4	2010	2070	1920	1840	1750	1590	3	2980	2710	
						127D	35	4430	4560	4230	4050	3850	3500	44	6560	5970	
						138A2											
						****	3.6	2880	2960	2740	2630	2500	2280	4.5	4250	3880	
						140D	52	6340	6520	6040	5790	5510	5020	65	9360	8550	
270/95R44	W10 W9 W8	284 11.2	1605 63.2	752 29.6	4847 190.8	****	2.4	1670	1720	1590	1520	1450	1320	3	2470	2250	
						121D	35	3680	3790	3500	3350	3190	2910	44	5440	4960	
						124A8											
						****	3.6	2440	2510	2320	2230	2120	1930	4.5	3600	3290	
						134D	52	5370	5530	5110	4910	4670	4250	65	7930	7250	
8.3R44	W7 W6	211 8.3	1495 58.9	708 27.9	4641 182.7	****	2.4	2010	2070	1920	1840	1750	1590	3	2980	2710	
						127D	35	4430	4560	4230	4050	3850	3500	44	6560	5970	
						138A2											
						****	3.6	1960	2010	1860	1790	1700	1550	4.5	2890	2640	
						126D	52	4320	4430	4100	3940	3740	3410	65	6370	5810	
129A8																	

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Stars Load Index Speed Symbol	Infl. press	Recommended load, kg (lbs)									
		Speed, km/h (mph)															
		1) Not high and sustained torque; 2) Road transport															
		Non cyclic operation						Cyclic operation									
Field	25 16	40 25	50 31	65 40	70 44	bar psi	10 6	15 9									
12.4R46	W11 W10 W9	315 12.4	1727 68	807 31.8	5294 205.7	**	2.4	2300	2370	2190	2100	2000	1820	3	3400	3100	
						132D	35	5070	5220	4820	4630	4410	4010	44	7490	6830	
						143A2	****	3.6	3620	3730	3450	3310	3150	2870	4.5	5360	4880
						148D	52	7970	8220	7600	7290	6940	6320	65	11810	10750	
						151A8											
13.6R46	W12 W11	340 13.4	1760 69.3	824 32.4	5437 211.5	150D	3.6	3850	3970	3670	3520	3350	3050	4.5	5700	5190	
						153A8	52	8480	8740	8080	7750	7380	6720	65	12560	11430	
14.9R46	W13 W12	378 14.9	1824 71.8	851 33.5	5661 218.9	142D	2.1	3050	3140	2900	2780	2650	—	2.6	4510	4110	
						145A8	30	6720	6920	6390	6120	5840	—	38	9930	9050	
						149D	2.4	4310	4440	4110	3940	3750	—	3	6380	5810	
						152A8	35	9490	9780	9050	8680	8260	—	44	14050	12800	
						159D	4	5030	5180	4790	4590	4375	—	5	7440	6780	
						162A8	58	11080	11410	10550	10110	9640	—	73	16390	14930	
						172D	5.8	7250	7470	6900	6620	6300	—	7.3	10710	9770	
270/95R46 (11.2R46)	W10 W9 W8	284 11.2	1665 65.6	774 30.5	5121 201.6	175A8	84	15970	16450	15200	14580	13880	—	106	23590	21520	
						****	3.6	2960	3050	2820	2700	2575	2340	4.5	4380	3990	
						141D	52	6520	6720	6210	5950	5670	5150	65	9650	8790	
300/95R46 320/90R46 (12.4R46)	W11 W10 W9	315 12.4	1727 68	807 31.8	5294 205.7	144A8	****	3.6	2960	3050	2820	2700	2575	2340	4.5	4380	3990
						**	2.4	2300	2370	2190	2100	2000	1820	3	3400	3100	
						132D	35	5070	5220	4820	4630	4410	4010	44	7490	6830	
						****	3.6	3620	3730	3450	3310	3150	2870	4.5	5360	4880	
						148D	52	7970	8220	7600	7290	6940	6320	65	11810	10750	
340/85R46	W12 W11	340 13.4	1760 69.3	824 32.4	5437 211.5	151A8											
						150D	3.6	3850	3970	3670	3520	3350	3050	4.5	5700	5190	
380/105R46 Steel Belted	W12 W13 W11	394 15.5	1950 76.8	898 35.4	5916 231.6	153A8	52	8480	8740	8080	7750	7380	6720	65	12560	11430	
						158D	44	10770	11100	10240	9820	9360	8520	55	15930	14520	
380/90R46 (14.9R46) Steel Belted	W13 W12 W11	378 14.9	1824 71.8	851 33.5	5622 221.3	142D	2.1	3050	3140	2900	2780	2650	2410	2.6	4510	4110	
						145A8	30	6720	6920	6390	6120	5840	5310	38	9930	9050	
						159D	4	5030	5180	4790	4590	4375	3980	5	7440	6780	
						162A8	58	11080	11410	10550	10110	9640	8770	73	16390	14930	
						172D	5.8	7250	7470	6900	6620	6300	5730	7.3	10710	9770	
13.6R48 Steel Belted	W12 W11	345 13.6	1805 71.1	854 33.6	5568 219.2	175A8	84	15970	16450	15200	14580	13880	12620	106	23590	21520	
						****	3.6	3620	3730	3450	3310	3150	2870	4.5	5360	4880	
						148D	52	7970	8220	7600	7290	6940	6320	65	11810	10750	
						151A8											
						151D	4.2	3970	4090	3780	3620	3450	3140	5.3	5870	5350	
230/95R48 (9.5R48)	W8 W7	241 9.5	1650 65	787 31	5039 198.4	154A8	61	8740	9010	8330	7970	7600	6920	77	12930	11780	
						156D	4.8	4600	4740	4380	4200	4000	3640	6	6800	6200	
						159A8	70	10130	10440	9650	9250	8810	8020	87	14980	13660	
						****	3.6	2580	2650	2450	2350	2240	2040	4.5	3810	3470	
						136D	52	5680	5840	5400	5180	4930	4490	65	8390	7640	
270/95R48	W10 W9 W8	284 11.2	1710 67.3	811 31.9	5289 205.6	139A8	****	3.6	3050	3140	2900	2780	2650	—	4.5	4510	4110
						142D	52	6720	6920	6390	6120	5840	—	65	9930	9050	
						145A8											



BETTER VALUE.
SMARTER CHOICE.

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Stars Load Index	Speed Symbol	Infl. press	Recommended load, kg (lbs)								
		SW	OD						Speed, km/h (mph)								
				1) Not high and sustained torque; 2) Road transport													
									Non cyclic operation			Cyclic operation					
		Field	25 16	40 25	50 31	65 40	70 44		bar psi	10 6	15 9						
320/90R50	W11	325	1867	875	5640	150D	3.6	3850	3970	3670	3520	3350	3050	4.5	5700	5190	
	W10	12.8	73.5	34.4	222	153A8	52	8480	8740	8080	7750	7380	6720	65	12560	11430	
	W9																
380/105R50	W12	405	2050	955	6214	168D	4.4	6440	6640	6130	5880	5600	5100	5.5	9520	8680	
	W11	15.9	80.7	37.6	244.6	171A8	64	14190	14630	13500	12950	12330	11230	80	20970	19120	
380/90R50 (14.9R50) Steel Belted	W12					151D	2.4	3970	4090	3780	3620	3450	3140	3	5870	5350	
	W11	384	1950	916	5939	154A8	35	8740	9010	8330	7970	7600	6920	44	12930	11780	
	W12L	15.1	76.8	36.1	233.8	158D	3.6	4890	5040	4650	4460	4250	3870	4.5	7230	6590	
						161A8	52	10770	11100	10240	9820	9360	8520	65	15930	14520	
12.4R52						**	2.4	2510	2580	2390	2290	2180	1980	3	3710	3380	
						135D	35	5530	5680	5260	5040	4800	4360	44	8170	7440	
	W10	310	1890	895	5746	146A2											
	W9					****	3.6	3620	3730	3450	3310	3150	2870	4.5	5360	4880	
	W8	12.2	74.4	35.2	226.2	148D	52	7970	8220	7600	7290	6940	6320	65	11810	10750	
						151A8											
							**	2.4	2510	2580	2390	2290	2180	1980	3	3710	3380
300/95R52 Steel Belted	W10	310	1890	896	5818	****	3.6	3620	3730	3450	3310	3150	2870	4.5	5360	4880	
	W9					148D	52	7970	8220	7600	7290	6940	6320	65	11810	10750	
	W8	12.2	74.4	35.3	229.1	151A8											
						****	4.8	4600	4740	4380	4200	4000	3640	6	6800	6200	
						156D	70	10130	10440	9650	9250	8810	8020	87	14980	13660	
11.2R54	W10					****	3.6	3450	3560	3290	3150	3000	2730	4.5	5100	4650	
	W9	285	1900	903	5826	146D	52	7600	7840	7250	6940	6610	6010	65	11230	10240	
	W8	11.2	74.8	35.6	229.4	149A8											
						156D	6	4600	4740	4380	4200	4000	3640	7.5	6800	6200	
12.4R54	W10	320	1948	924	6093	****	3.6	3970	4090	3780	3620	3450	3140	4.5	5870	5350	
	W9	12.6	76.7	36.4	239.9	151D	52	8740	9010	8330	7970	7600	6920	65	12930	11780	
270/95R54 Steel Belted	W11					154A8											
	W10					****	3.6	3450	3560	3290	3150	3000	2730	4.5	5100	4650	
	W9	285	1900	903	5826	146D	52	7600	7840	7250	6940	6610	6010	65	11230	10240	
	W8	11.2	74.8	35.6	229.4	149A8											
320/90R54	W10					156D	6	4600	4740	4380	4200	4000	3640	7.5	6800	6200	
	W9	325	1958	928	6093	159A8	87	10130	10440	9650	9250	8810	8020	109	14980	13660	
	W11	12.8	77.1	36.5	239.9	162A2											
380/90R54 Steel Belted	W10					****	3.6	3970	4090	3780	3620	3450	-	4.5	5870	5350	
	W9	325	1958	928	6093	151D	52	8740	9010	8330	7970	7600	-	65	12930	11780	
	W11	12.8	77.1	36.5	239.9	162A2											
	W12					****	2.4	4080	4210	3890	3730	3550	3230	3	6040	5500	
380/90R54 Steel Belted	W11	388	2055	960	6287	152D	35	8990	9270	8570	8220	7820	7110	44	13300	12110	
	W13	15.3	80.9	37.8	243.9	155A8											
						171D	4.8	7070	7290	6730	6460	6150	5600	6	10460	9530	
						174A8	70	15570	16060	14820	14230	13550	12330	87	23040	20990	

350 (Narrow) Irrigation Radial

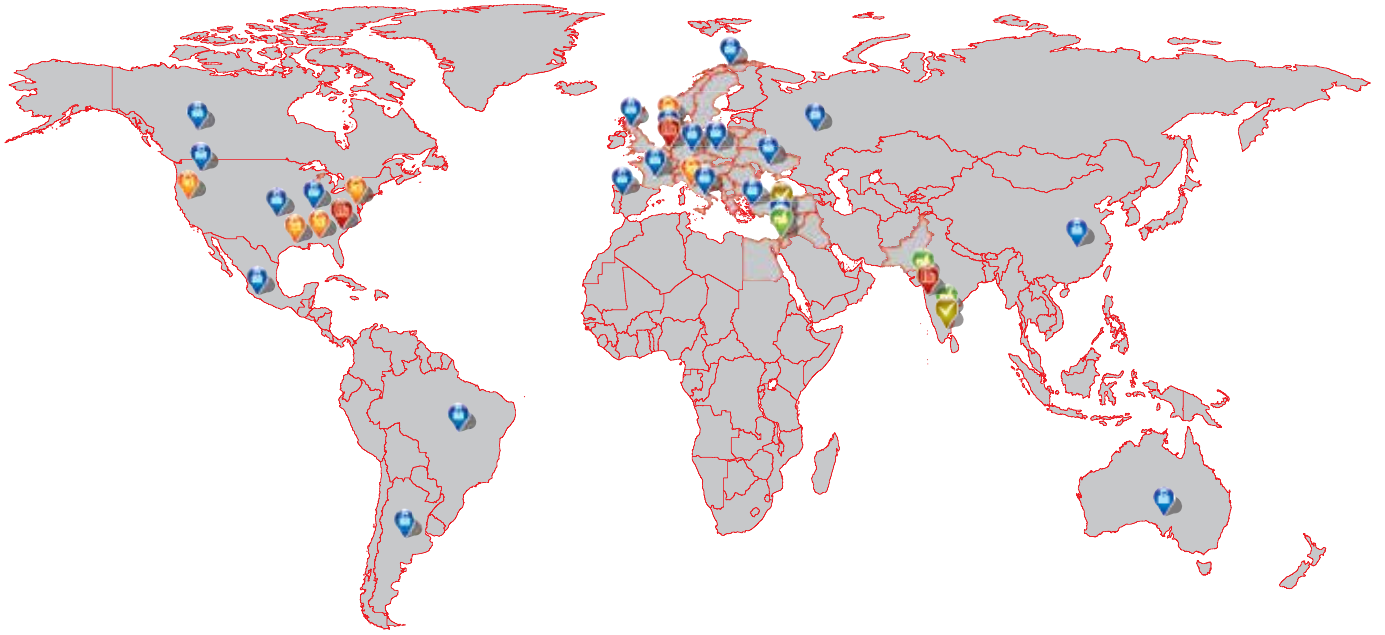
Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Speed Symbol	Infl. press	Recommended load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
				Not high and sustained torque; Road transport						Field operation						
								Low Torque			High Tor					
		Bar psi	Static	10 6	20 12	30 19		40 25	50 31	10 6	20 12	10 6				
11.2-38(270/95-38) (Des.350) Irrigation	W10	292	1465	682	4407	4	1.2	2190	1430	1170	-	-	-	-	-	-
	W9	11.5	57.7	26.9	173.5		17	4820	3150	2580	-	-	-	-	-	-








NOTES

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