

DIAGONAL (BIAS) PLY AGRICULTURAL R-4 DRIVE WHEEL TIRES
USED ON INDUSTRIAL TRACTORS
TIRES USED AS SINGLES WITHOUT SUSTAINED HIGH TORQUE

TIRE TYPE NOMENCLATURE		
		MAX. SPEED
		SPEED INDEX
TRA	TIRE TYPE	A8
R-4	Industrial Tractor, Drive Wheel, Intermediate Tread	25 MPH

TIRE SIZE	INFLATION	TIRE LOAD LIMITS AT VARIOUS COLD INFLATION PRESSURES									
		psi	18	20	22	24	26	28	30	32	
		kPa	120	140	150	170	180	190	210	220	
14.9-24	lbs	3520	3740	4080	4300 (6)	4540	4800	5080 (8)	5200	6400 (12) @ 42 psi	
	kg	1600	1700	1850	1950 (6)	2060	2180	2300 (8)	2360	2900 (12) @ 280 kPa	
420/70-24	lbs		3640	3960 (6)	4180	4540	4800 (8)	5080	5200 (10)		
	kg		1650	1800 (6)	1900	2060	2180 (8)	2300	2360 (10)		
14.9-28	lbs	3740	4080	4300	4680 (6)	4940	5080	5360 (8)	5680	6150 (10) @ 36 psi	
	kg	1700	1850	1950	2120 (6)	2240	2300	2430 (8)	2575	2800 (10) @ 250 kPa	
16.9-24	lbs		4680	4940 (6)	5200	5520	5840 (8)	6150	6400 (10)	7150 (12) @ 38 psi	
	kg		2120	2240 (6)	2360	2500	2650 (8)	2800	2900 (10)	3250 (12) @ 260 kPa	
16.9-28	lbs		4940	5200 (6)	5680	6000	6150 (8)	6600	6800 (10)	7600 (12) @ 38 psi	
	kg		2240	2360 (6)	2575	2725	2800 (8)	3000	3075 (10)	3450 (12) @ 260 kPa	
18.4-28	lbs		5840 (6)	6400	6800 (8)	7150	7400	7850 (10)	8250	8800 (12) @ 36 psi	
	kg		2650 (6)	2900	3075 (8)	3250	3350	3550 (10)	3750	4000 (12) @ 250 kPa	
17.5L-24	lbs		4400 (6)	4680	5080	5360 (8)	5520	5840	6150 (10)		
	kg		2000 (6)	2120	2300	2430 (8)	2500	2650	2800 (10)		
19.5L-24	lbs		5200	5680	6000 (8)	6400	6600 (10)	6950	7400	7600 (12) @ 34 psi	
	kg		2360	2575	2725 (8)	2900	3000 (10)	3150	3350	3450 (12) @ 230 kPa	

NOTES:

- Figures in parentheses denote ply rating for which boldface loads and inflations are maximum.
- Above loads and inflation pressures are transport service.
- For field or other usage, refer to Table E.
- The load limits shown at right at various speeds apply with no change in inflation pressure.
- For cyclic loading service see Table F2.
 - * Cyclic applications include the normal usages of loader, log stackers, etc. The minimum load must not exceed 60% of the maximum rated tire load.
 - Maximum one-way haul distance 500 feet (150 meters).
 - Vehicle is operating over unimproved but generally level terrain.
 - Consult the rim/wheel manufacturer for confirmation of the strength of the rim/wheel for the intended service.

MAX. SPEED	% CHANGE IN LOAD IN TABLE	
	REGULAR APPLICATION	CYCLIC* APPLICATION
Stationary	+130%	+130%
2.5 mph (5 km/h)	+45%	+67%
5 mph (10 km/h)	+25%	+50%
10 mph (15 km/h)	+13%	+34%
15 mph (25 km/h)	+9%	–
20 mph (30 km/h)	+4%	–
25 mph (40 km/h)	Same As Table	–
30 mph (50 km/h)	-9%	–