

SUN TYRE & WHEEL SYSTEMS

www.sun-tws.com

SOLID RESILIENT TYRES

NUMA

TYRE SPECIFICATIONS

Release 6 dated 09 April 2007

TYRE SPECIFICATIONS

TYRE SIZE	TYRE SIZE (METRIC)	RIM	TREAD	Tyre dimensions in mm			Tyre load capacity on	
				Outer Dia.	Sidewall width	Tread width	Load wheel	Steer wheel
3.00 - 4		2.10	RIB	250	85	79	260	195
3.50 - 4		2.10	RIB	250	89	83	260	195
4.00 - 4		2.50	LUG	300	100	93	535	412
3.50 - 5		3.50	LUG	320	99	90	900	690
4.00 - 8		2.75	LUG, RIB	410	113	103	950	730
4.00 - 8		3.00	LUG, RIB	410	113	103	950	730
15X4 1/2 - 8	125/75-8	3.00	LUG	378	110	100	1,040	800
16X6 - 8	150/75-8	4.33	LUG	411	150	142	1,270	975
500 - 8		3.00	LUG	450	124	108	1,415	1,090
18X7 - 8	180/70-8	4.33	LUG	450	159	145	2,145	1,650
	140/55 - 9	4.00	LUG	384	139	125	1,170	900
6.00 - 9		4.00	LUG	523	145	130	1,885	1,450
21X8 - 9	200/75-9	6.00	LUG	515	190	174	2,755	2,120
	200/50 - 10	6.50	LUG	461	191	181	2,470	1,900
6.50 - 10		5.00	LUG	561	167	147	2,340	1,800
7.50 - 10		5.00	LUG	630	170	150	3,070	2,360
23X9 - 10	225/75-10	6.50	LUG	575	199	181	3,160	2,430
7.00-12		5.00	LUG	650	175	157	2,920	2,240
23X10 - 12		8.00	LUG	580	233	212	3,770	2,900
27X10 - 12	250/75-12	8.00	LUG	670	239	220	3,900	3,000
7.00-15		5.50	LUG	724	186	165	3,545	2,725
7.50 - 15		5.50	LUG	744	194	168	3,900	3,000
7.50 - 15		6.00	LUG	744	194	168	3,900	3,000
7.50 - 15		6.50	LUG	744	194	168	3,900	3,000
8.15 - 15 (28X9 - 15)	225/75-15	7.00	LUG	685	225	209	3,445	2,650
8.25 - 15		6.50	LUG	805	211	190	4,750	3,650
250 - 15	250/70-15	7.00	LUG	711	221	200	4,745	3,650
250 - 15	250/70-15	7.50	LUG	711	221	200	4,745	3,650
300 - 15	315/70-15	8.00	LUG	810	250	227	5,850	4,500
28X12.5-15	345/45-15	9.75	LUG	710	285	273	5,525	4,250
	355/65-15	9.75	LUG	815	300	278	7,800	6,000
	400/60-15	11.00	LUG	815	330	310	8,970	6,900
750 - 16		5.50	LUG	765	195	170	3,900	3,000
750 - 16		6.00	LUG	765	195	170	3,900	3,000
8.25 - 20		6.50	LUG	935	210	190	4,380	3,650
	355/50 - 20	10.00	SM, LUG	815	300	278	8,970	6,900
7.50 - 20		6.00	LUG	880	210	186	3,840	3,200
9.00 - 20		6.50	LUG	995	253	221	5,400	4,500
9.00 - 20		7.00	LUG	995	253	221	5,400	4,500
10.00 - 20		7.50	LUG	1,020	263	234	6,000	5,000
10.00 - 20		8.00	LUG	1,020	263	234	6,000	5,000
12.00 - 20		8.00	LUG	1,090	290	242	7,560	6,300
12.00 - 20		8.50	LUG	1,090	290	242	7,560	6,300
12.00 - 24		8.50	LUG	1,180	280	244	8,040	6,700
12.00 - 24		10.00	LUG	1,180	300	260	8,280	6,900
14.00 - 24		10.00	LUG	1,290	323	289	11,100	9,250

All dimensions are nominal and we reserve the right to make changes any time without notice

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TYRE TYPES

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TYRE TYPE	TYPE M					TYPE P		TYPE S	
	M 1	M 1EC	M 2N	M 3	M 4N	P 1	P 2	S 1	S 2
	3-stage M1 NR tread	3-stage Electrically Conducting NR tread	3-stage NM tread	3-stage NR/SYN tread	3-stage NM tread	3-stage NR Base NR/Syn tread	3-stage NR Base HT tread	3-stage NR Base CR tread	3-stage NR Base Antistatic tread
Ride	Normal, Low Rolling Resistance	Normal, Low Rolling Resistance	Normal, Low Rolling Resistance	Normal, Low Rolling Resistance	Normal, Low Rolling Resistance	Normal, Low Rolling Resistance	Normal, Low Rolling Resistance	Normal, Low Rolling Resistance	Normal, Low Rolling Resistance
Operating Conditions	Normal, continuous use	Normal, continuous use	Normal, continuous use	Normal, continuous use	Normal, continuous use	Normal, continuous use	High ambient temperature use	Harsh operating environment	Indoor, oil-free environment
1	No beads								
2	Hoop rings	M12X	M1EC2X	M2N2X	M32X	M4N2X			
3	Creel beads	M13X	M1EC3X	M2N3X	M33X	M4N3X	P13X	P23X	S13X S23X
4	Clip	M124	M1EC24	M2N24	M324	M4N24			
		M134	M1EC34	M2N34	M334	M4N34	P134	P234	S134 S234

NOTE: All tyre types also available in SOFRIDE construction for extra ride comfort

Notes:

1. Service life depends on severity of operating conditions
2. Tyre usage should follow ETRTO norms for operations
3. Normal ride indicates a low-rolling resistance configuration
4. Softride indicates an extra-soft center compound for drive comfort
5. Vehicles fitted with Non marking tyres must be properly earthed.