



BIAS LIGHT & MEDIUM TRUCK TIRES



Bias Light Truck / Trailer Tire Size Nomenclature

9.50-16.5LT/D ST 7.00-15 10 ply

9.50, 7.00 = Section Width in inches

- = Bias Carcass Construction

15 = Rim Diameter in Inches

LT = Light Truck Designation

ST = Special Trailer

D = Load Range or 10 Ply

Bias Medium Truck Tire Size Nomenclature

10.00-20 12 ply

10.00 = Section Width in inches

- = Bias Carcass Construction

20 = Rim Diameter in Inches

12 Ply Load Range



Bias Truck Load Capacity

Ply Rating

- Based on strength of cotton cord

Load Range

Ply Rating

B	4
C	6
D	8
E	10
F	12
G	14
H	16

Load Index System – Used with Radial sizes

- Industry wide system, load index chart



Load Index Table

Load Index	Load (lbs.)								
1	99	31	240	61	567	91	1356	121	3297
2	102	32	247	62	584	92	1389	122	3307
3	105	33	254	63	600	93	1433	123	3417
4	107	34	260	64	617	94	1477	124	3527
5	110	35	267	65	639	95	1521	125	3638
6	114	36	276	66	639	96	1565	126	3748
7	117	37	282	67	667	97	1609	127	3858
8	120	38	291	68	694	98	1653	128	3968
9	123	39	300	69	719	99	1709	129	4079
10	128	40	309	70	739	100	1764	130	4189
11	132	41	320	71	761	101	1819	131	4299
12	136	42	331	72	783	102	1874	132	4409
13	139	43	342	73	805	103	1929	133	4541
14	143	44	353	74	827	104	1984	134	4674
15	148	45	364	75	852	105	2039	135	4806
16	152	46	375	76	882	106	2094	136	4938
17	157	47	386	77	908	107	2149	137	5071
18	161	48	397	78	937	108	2205	138	5201
19	165	49	408	79	963	109	2271	139	5357
20	171	50	419	80	992	110	2337	140	5512
21	176	51	430	81	1019	111	2403	141	5677
22	182	52	441	82	1047	112	2469	142	5842
23	187	53	454	83	1074	113	2535	143	6008
24	193	54	467	84	1102	114	2601	144	6173
25	204	55	481	85	1135	115	2649	145	6393
26	209	56	494	86	1168	116	2756	146	6614
27	215	57	507	87	1201	117	2833	147	6779
28	220	58	520	88	1235	118	2910	148	6844
29	227	59	536	89	1279	119	2998	149	7165
30	234	60	551	90	1323	120	3086	150	7385



Speed Symbols

SPEED RATING	(KM/H)	(MPH)	SPEED RATING	(KM/H)	(MPH)	SPEED RATING	(KM/H)	(MPH)
A1	5	3	D	65	40	Q	160	100
A2	10	6	E	70	43	R	170	106
A3	15	9	F	80	50	S	180	112
A4	20	12	G	90	56	T	190	118
A5	25	16	J	100	62	U	200	124
A6	30	19	K	110	68	H	210	130
A7	35	22	L	120	75	V	240	149
A8	40	25	M	130	81	W	270	168
B	50	31	N	140	87	Y	300	186
C	60	37	P	150	94	(Y)	300+	186+



Advantages of the tubeless tire



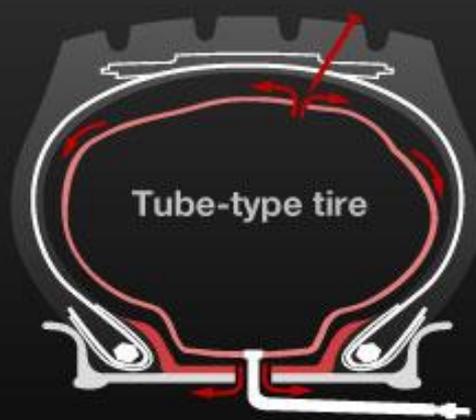
Tubeless tire



Tire



Wheel



Tube-type tire



Tire



Tube



Flap



Wheel

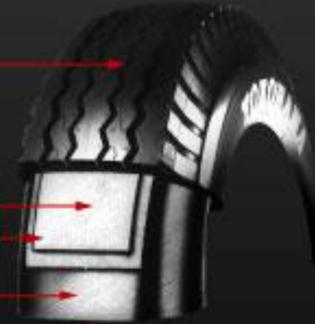


Side/
Lock ring



Radial tire

Bias tire



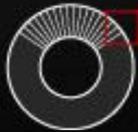
Tread

Belt

Breaker

Carcass

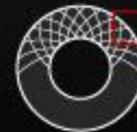
Arrangement of carcass cords



(Side view)



(Front view)



(Side view)



(Front view)



Bias Light & Medium Truck

Premium Highway

RB233, RB233A

Steer/Trailer



Hi-Way Express

R678

Steer



Tracker Plus XL

R676

Steer/Trailer





Bias Light & Medium Truck

Tracker Plus M+S

OB105

Drive



Traction Express Cross Bar

L855

Drive



Traction

OB103

Drive





Bias Light & Medium Truck

Trailer Express Plus

**RB465
Trailer**



Trailer Express LPT

**RB611
Trailer**



Trailer Express HD

**RB453
Trailer**





THANK YOU

NACOM TRAINING

SAMSON

ADVANCE