

LOAD INFLATION CHARTS

LOAD / INFLATION PRESSURE TABLES

Medium Truck Tube Type*		Tire Load Limits (lbs.) at Various Cold Inflation Pressures (psi) (Tire pressure is minimum for the load)										
Tire Size Designation		80	85	90	95	100	105	110	115	120	125	130
12.00R24	S	6980	7280	7580	8050(G)	8310	8570	8820(H)	9100	9370(J)		
	D	6650	6910	7160	7390(G)	7610	7830	8050(H)	8300	8540(J)		

Light Truck Tube Type		Tire Load Limits (lbs.) at Various Cold Inflation Pressures (psi) (Tire pressure is minimum for the load)							
Tire Size Designation		65	70	75	80	85	90	95	100
7.50R16	S	2040(D)	2590	2765	2755(E)	2930	3085	3175(F)	3330(G)
	D	1820(D)	2470	2635	2470(E)	2790	3020	3020(F)	3175(G)

Light Truck Commercial Tubeless		Tire Load Limits (lbs.) at Various Cold Inflation Pressures (psi) (Tire pressure is minimum for the load)										
Tire Size Designation		35	40	45	50	55	60	65	70	75	80	85
7.00R15	S	1350	1480	1610	1710	1830	1940	2040(D)				
	D	1190	1310	1420	1520	1620	1715	1820(D)				
LT235/85R16	S	1700	1870	2030	2205(C)	2335	2485	2620(D)	2765	2905	3040(E)	
	D	1545	1700	1845	2006(C)	2125	2260	2380(D)	2515	2645	2780(E)	
LT215/85R16	S	1495	1640	1785	1940	2050	2180	2335(D)	2430	2550	2680(E)	
	D	1360	1490	1625	1765	1865	1985	2150(D)	2210	2320	2470(E)	

Light Truck Commercial-Tubeless-Metric High Capacity		Tire Load Limits (lbs.) at Various Cold Inflation Pressures (psi) (Tire pressure is minimum for the load)											
Tire Size Designation		75	80	85	90	95	100	105	110	115	120	125	130
215/75R17.5 H	S						4065	4225	4385	4545	4705	4805(H)	
	D						3840	3995	4145	4295	4445	4540(H)	
235/75R17.5 H	S							5165	5360	5550	5745	5935	6005(H)
	D							4875	5065	5245	5430	5610	5675(H)

Tubeless		Tire Load Limits (lbs.) at Various Cold Inflation Pressures (psi) (Tire pressure is minimum for the load)										
Tire Size Designation		80	85	90	95	100	105	110	115	120	125	130
9R22.5	S	3730	3890	4080(E)	4235	4390	4540(F)	4675	4810	4940(G)		
	D	3550	3690	3860(E)	4005	4150	4300(F)	4425	4550	4675(G)		
10R22.5	S	4480	4675(E)	4850	5025	5205(F)	5360	5515	5675(G)			
	D	4230	4410(E)	4585	4760	4940(F)	5075	5210	5355(G)			
11R22.5	S	4990	5220	5510(F)	5730	5950	6175(G)	6320	6465	6610(H)		
	D	4760	4950	5205(F)	5415	5625	5840(G)	5895	5950	6005(H)		
11R24.5	S	5310	5550	5840(F)	6095	6350	6610(G)	6790	6970	7160(H)		
	D	5070	5260	5510(F)	5675	5840	6005(G)	6205	6405	6610(H)		
12R22.5	S	5450	5690	6005(F)	6205	6405	6610(G)	6870	7130	7390(H)		
	D	5190	5390	5675(F)	5785	5895	6005(G)	6265	6525	6780(H)		
225/70R19.5	S	3195(E)	3315	3450	3640(F)	3715	3845	3970(G)				
	D	3000(E)	3115	3245	3415(F)	3490	3615	3750(G)				
245/70R19.5	S	3640	3740	3890	4080(F)	4190	4335	4540(G)	4620	4805(H)		
	D	3415	3515	3655	3860(F)	3940	4075	4300(G)	4345	4540(H)		
265/70R19.5	S	3970	4180	4355	4540	4685	4850	5070(G)				
	D	3750	3930	4095	4300	4405	4415	4675(G)				
285/70R19.5	S				5160	5395	5635	5785	5980	6175(H)	**	
	D				4850	5070	5290	5435	5555	5675(H)	**	
245/75R22.5	S	3860	3975	4140	4300	4455	4610	4675(G)				
	D	3525	3615	3765	3970	4055	4195	4300(G)				
265/75R22.5	S	4300	4440	4620	4805	4975	5150	5205(G)				
	D	3860	4040	4205	4410	4525	4685	4805(G)				
255/70R22.5	S	4190	4370	4550	4675	4895	5065	5205(G)	5400	5510(H)		
	D	3970	4110	4275	4410	4455	4610	4675(G)	4915	5070(H)		
275/70R22.5	S	4705	4940	5170	5400	5625	5850	6070	6290	6510	6725	6940(H)
	D	4335	4550	4765	4975	5185	5390	5595	5800	6000	6195	6395(H)
295/75R22.5 <small>*Excludes 1012L, Spec-2 & 108R Load Range H</small>	S	4940	5155	5370	5510(F)	5780	5980	6175(G)	6370	6610(H)		
	D	4540	4690	4885	5070(F)	5260	5440	5675(G)	5795	6005(H)		
295/75R22.5 <small>*Data only applies to 1012L, Spec-2 & 108R Load Range H</small>	S	4940	5155	5370	5510	5780	5980	6175(G)	6665	7160(H)		
	D	4540	4690	4885	5070	5260	5440	5675(G)	6140	6610(H)		
295/80R22.5	S	5555	5820	6110	6370	6635	6900	7165	7410	7675	*	
	D	4930	5160	5400	5645	5885	6130	6350	6570	6815	*	
315/80R22.5 MY627W	S	7120	7425	7730	8030	8320	8610	8895	9180	9455	9730	10000
	D	5855	6110	6360	6605	6845	7085	7315	7550	7775	8000	8225
315/80/R22.5 *Excludes MY627W	S	6175	6415	6670	6940	7190	7440	7610	7920	8270	8690	9090(L)
	D	6675	5840	6070	6395	6545	6770	6940	7210	7610	7910	8270(L)
285/75R24.5	S	4940	5210	5420	5675(F)	5835	6040	6175(G)	6440	6780(H)		
	D	4540	4740	4930	5205(F)	5310	5495	5675(G)	5860	6175(H)		

* 295/80R22.5 104ZR Load Range H - Max Load Single 7830 lb @ 123 PSI, Dual 6945 lb @ 123 PSI. ** 285/70R19.5 RY023 & TY303 Load Range H - Max Load Single 6615@131, Dual 6175@131.

Wide Base, Tubeless		Tire Load Limits (lbs.) at Various Cold Inflation Pressures (psi) (Tire pressure is minimum for the load)									
Tire Size Designation		80	85	90	95	100	105	110	115	120	
385/65R22.5	S	6940	7350	7650	8050	8230	8510	8820	9050	9370(J)	
425/65R22.5	S	8270	8740	9100	9370	9790	10100	10500(J)	10700	11400(L)	
445/65R22.5	S	9090	9480	9870	10200	10600	11000	11400	11700	12300(L)	

Ultra Wide Base, Tubeless		Tire Load Limits (lbs.) at Various Cold Inflation Pressures (psi) (Tire pressure is minimum for the load)									
Tire Size Designation		80	85	90	95	100	105	110	115	120	
445/50R22.5	S	7310	7680	8030	8390	8740	9090	9370(J)	9780	10200(L)	

Tire load limits at various inflation pressures are based upon Tire and Rim Association (TRA) standards and tables, except where there is no specification established by the TRA. In these few cases, the tire design is based upon the European Tire and Rim Technical Organization (ETRTO) whose standards govern these tire designs. To obtain recommendations for tires run in non-standard applications, customers and dealers should contact the Yokohama Technical Service department.