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Engineering Data

Over-The-Road Truck Tires

MISC.
M-1 TO M-20

LOADS
L-1 TO L-14



PHOTOS
D-1 TO D-6



DIMENSIONS
D-7 TO D-10

GENERAL
I TO II



RADIAL MEDIUM TRUCK TIRES LINE HAUL SERVICE

Tire Size	Load Range	Single Load		Single Inflation		Dual Load		Dual Inflation		Weight		Rim Width	Overall Width		Overall Diameter		Static Radius		RPM	KPM	Tread Depth	Min. Dual Spacing		Speed Rating
		lbs	kg	psi	kpa	lbs	kg	psi	kpa	lbs	kg	in	in	mm	in	mm	in	mm			32nds	in	mm	
SP 384™																								
TUBELESS TIRES ON 15° DROP CENTERS																								
11R22.5	G	6,175	2,800	105	720	5,840	2,650	105	720	117	53	8.25	10.8	274	41.4	1,052	19.2	488	502	312	18.0	12.5	318	75
11R24.5	G	6,610	3,000	105	720	6,005	2,725	105	720	125	57	8.25	10.9	277	43.4	1,103	20.1	511	479	298	18.0	12.5	318	75
295/75R22.5	G	6,175	2,800	110	760	5,675	2,575	110	760	113	51	8.25	11.1	282	40.2	1,022	18.8	478	517	321	18.0	12.9	328	75
285/75R24.5	G	6,175	2,800	110	760	5,675	2,575	110	760	120	54	8.25	11.1	282	41.3	1,050	19.4	493	503	312	18.0	12.5	318	75
SP 453™																								
TUBELESS TIRES ON 15° DROP CENTERS																								
11R22.5	H	6,610	3,000	120	830	6,005	2,725	120	830	119	54	8.25	11.2	285	42.1	1,070	19.7	501	496	308	30.0	12.5	318	75
11R24.5	H	7,160	3,250	120	830	6,610	3,000	120	830	127	58	8.25	11.0	280	44.1	1,121	20.6	523	473	294	30.0	12.5	318	75
295/75R22.5	G	6,175	2,800	110	760	5,675	2,575	110	760	115	52	8.25	10.8	274	40.8	1,037	19.0	483	512	318	30.0	12.9	328	75
285/75R24.5	G	6,175	2,800	110	760	5,675	2,575	110	760	122	55	8.25	11.1	282	42.1	1,070	19.7	501	496	308	30.0	12.5	318	75
SP 181™																								
TUBELESS TIRES ON 15° DROP CENTERS																								
11R22.5	G	6,175	2,800	105	720	5,840	2,650	105	720	94	43	8.25	11.0	280	41.1	1,044	19.1	485	502	312	12.0	12.5	318	75
11R24.5	G	6,610	3,000	105	720	6,005	2,725	105	720	101	46	8.25	11.1	282	43.1	1,095	20.1	511	478	297	12.0	12.5	318	75
285/75R24.5	G	6,175	2,800	110	760	5,675	2,575	110	760	96	44	8.25	10.8	274	41.1	1,044	19.2	488	502	312	12.0	12.5	318	75
SP 181 A™																								
TUBELESS TIRES ON 15° DROP CENTERS																								
295/75R22.5	G	6,175	2,800	110	760	5,675	2,575	110	760	91	41	8.25	10.9	277	39.7	1,009	18.5	470	519	322	12.0	12.9	328	75



RADIAL MEDIUM TRUCK TIRES PICK-UP AND DELIVERY SERVICE

Tire Size	Load Range	Single Load		Single Inflation		Dual Load		Dual Inflation		Weight		Rim Width	Overall Width	Overall Diameter		Static Radius		RPM	KPM	Tread Depth	Min. Dual Spacing		Speed Rating	
		lbs	kg	psi	kpa	lbs	kg	psi	kpa	lbs	kg	in	in	mm	in	mm	in			mm	32nds	in		mm
SP 343™																								
TUBELESS TIRES ON 15° DROP CENTERS																								
11R22.5	H	6,610	3,000	120	830	6,005	2,725	120	830	107	48	8.25	11.2	285	41.5	1,055	19.4	493	501	311	20.0	12.5	318	75
11R24.5	H	7,160	3,250	120	830	6,610	3,000	120	830	114	52	8.25	11.3	287	43.5	1,105	20.3	516	478	297	20.0	12.5	318	75
295/75R22.5	G	6,175	2,800	110	760	5,675	2,575	110	760	103	47	8.25	10.7	272	40.2	1,022	18.7	475	517	321	20.0	12.9	328	75
285/75R24.5	G	6,175	2,800	110	760	5,675	2,575	110	760	109	49	8.25	10.7	272	41.5	1,055	19.4	493	501	311	20.0	12.5	318	75
SP 160™																								
TUBELESS TIRES ON 15° DROP CENTERS																								
9R22.5#	G	4,940	2,240	120	830	4,675	2,120	120	830	83	37	6.75	8.9	226	38.1	968	17.8	452	541	336	16.0	10.3	262	75
10R22.5#	G	5,675	2,575	115	790	5,355	2,430	115	790	89	40	7.50	10.0	254	40.0	1,016	18.7	475	515	320	16.0	11.4	290	75
11R22.5	H	6,610	3,000	120	830	6,005	2,725	120	830	97	44	8.25	11.1	282	41.1	1,044	19.2	488	505	314	17.0	12.5	318	75
11R24.5	H	7,160	3,250	120	830	6,610	3,000	120	830	103	47	8.25	11.1	282	43.2	1,098	20.2	513	481	299	17.0	12.5	318	75
255/70R22.5	H	5,510	2,500	120	830	5,070	2,300	120	830	86	39	7.50	10.0	254	36.5	928	17.1	435	569	353	17.0	11.3	287	81
295/75R22.5	G	6,175	2,800	110	760	5,675	2,575	110	760	95	43	8.25	11.3	287	39.9	1,014	18.6	473	521	324	17.0	12.9	328	75
285/75R24.5	G	6,175	2,800	110	760	5,675	2,575	110	760	101	46	8.25	11.1	282	41.3	1,050	19.3	490	503	312	17.0	12.5	318	75
TUBE TYPE TIRES ON TYPE I, II AND III RIMS																								
10.00R20	H	6,610	3,000	120	830	6,005	2,725	120	830	110	50	7.50	11.0	280	41.1	1,044	19.2	488	505	314	17.0	12.5	318	75
SP 342™																								
TUBELESS TIRES ON 15° DROP CENTERS																								
225/70R19.5#	F	3,640	1,650	95	660	3,415	1,550	95	660	66	30	6.75	8.8	224	32.1	816	14.9	379	642	399	16.0	10.0	254	75
SP 431 LT™																								
TUBELESS TIRES ON 15° DROP CENTERS																								
245/70R19.5#	H	4,940	2,240	120	825	4,675	2,120	120	825	79	36	7.50	9.8	249	33.0	839	15.4	391	629	391	19.0	11.0	280	81
SP 431 A™																								
TUBELESS TIRES ON 15° DROP CENTERS																								
11R22.5	H	6,610	3,000	120	830	6,005	2,725	120	830	112	51	8.25	11.2	285	41.8	1,062	19.6	498	499	310	26.0	12.5	318	75
11R24.5	H	7,160	3,250	120	830	6,610	3,000	120	830	120	54	8.25	11.0	280	43.8	1,113	20.4	518	477	296	26.0	12.5	318	75
295/75R22.5	G	6,175	2,800	110	760	5,675	2,575	100	690	106	48	8.25	11.3	287	40.7	1,034	19.0	483	513	319	26.0	12.9	328	75
285/75R24.5	G	6,175	2,800	110	760	5,675	2,575	100	690	114	52	8.25	11.1	282	41.9	1,065	19.6	498	498	309	26.0	12.5	318	75
SP 441™																								
TUBELESS TIRES ON 15° DROP CENTERS																								
225/70R19.5#	F	3,640	1,650	95	660	3,415	1,550	95	660	74	34	6.75	8.8	224	32.1	816	14.9	379	647	402	20.0	10.0	254	81
SP 351 LT™																								
TUBELESS TIRES ON 15° DROP CENTERS																								
245/70R19.5#	H	4,940	2,240	120	825	4,675	2,120	120	825	76	35	7.50	9.5	241	33.0	839	15.3	389	625	388	16.0	11.0	280	81
SP 881™																								
TUBELESS TIRES ON 15° DROP CENTERS																								
11R24.5#	H	7,160	3,250	120	830	6,610	3,000	120	830	138	62	8.25	11.0	280	44.4	1,128	20.7	526	470	292	32.0	12.5	318	65
SP 111™																								
TUBELESS TIRES ON 15° DROP CENTERS																								
10R17.5#	H	4,675	2,120	115	790	4,410	2,000	115	790	77	35	6.75	9.4	239	33.7	856	15.7	399	612	380	13.0	10.9	277	81

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RADIAL MEDIUM TRUCK TIRES MIXED SERVICE

Tire Size	Load Range	Single Load		Single Inflation		Dual Load		Dual Inflation		Weight		Rim Width	Overall Width		Overall Diameter		Static Radius		RPM	KPM	Tread Depth	Min. Dual Spacing		Speed Rating
		lbs	kg	psi	kpa	lbs	kg	psi	kpa	lbs	kg	in	in	mm	in	mm	in	mm			32nds	in	mm	
SP 932™																								
TUBELESS TIRES ON 15° DROP CENTERS																								
11R22.5	H	6,610	3,000	120	830	6,005	2,725	120	830	121	55	8.25	11.1	282	42.4	1,077	19.9	506	485	301	31.0	12.5	318	55
11R24.5	H	7,160	3,250	120	830	6,610	3,000	120	830	131	59	8.25	10.9	277	44.4	1,128	20.8	529	497	309	31.0	12.5	318	55
12R22.5	H	7,390	3,350	120	830	6,780	3,075	120	830	147	66	9.00	11.7	296	43.5	1,105	20.2	513	480	298	31.0	13.5	343	55
12R24.5	H	7,830	3,550	120	830	7,160	3,250	120	830	158	72	9.00	11.4	288	45.6	1,159	21.2	539	458	284	31.0	13.5	343	55
SP 581™																								
TUBELESS TIRES ON 15° DROP CENTERS																								
11R22.5	H	6,610	3,000	120	830	6,005	2,725	120	830	118	54	8.25	11.2	285	41.9	1,065	19.6	498	498	309	26.0	12.5	318	68
11R24.5	H	7,160	3,250	120	830	6,610	3,000	120	830	125	57	8.25	11.2	285	43.9	1,116	20.5	521	475	295	26.0	12.5	318	68
12R22.5	H	7,390	3,350	120	830	6,780	3,075	120	830	144	66	9.00	11.7	297	43.2	1,098	20.1	511	483	300	26.0	13.5	343	68
12R24.5	H	7,830	3,550	120	830	7,160	3,250	120	830	154	70	9.00	11.5	292	45.2	1,149	21.0	534	462	287	26.0	13.5	343	68
315/80R22.5	L	9,090	4,125	130	900	8,270	3,750	130	900	148	68	9.00	12.4	315	43.2	1,098	20.0	508	483	300	26.0	13.8	351	68
SP 832™																								
TUBELESS TIRES ON 15° DROP CENTERS																								
11R22.5	H	6,610	3,000	120	830	6,005	2,725	120	830	110	50	8.25	11.0	280	41.5	1,055	19.2	488	501	311	20.0	12.5	318	68
11R24.5	H	7,160	3,250	120	830	6,610	3,000	120	830	118	53	8.25	11.2	285	43.5	1,105	20.3	516	478	297	20.0	12.5	318	68
12R22.5	H	7,390	3,350	120	830	6,780	3,075	120	830	139	63	9.00	11.7	296	42.9	1,091	19.9	506	484	300	21.0	13.5	343	68
12R24.5	H	7,830	3,550	120	830	7,160	3,250	120	830	149	68	9.00	11.5	291	44.9	1,141	20.8	528	463	287	21.0	13.5	343	68
SP 246™																								
TUBELESS TIRES ON 15° DROP CENTERS																								
11R17.5 HC	H	5,675	2,575	120	830	5,355	2,430	120	830	99	45	8.25	10.7	272	36.4	925	17.0	432	566	351	14.0	12.5	318	68
TUBE TYPE TIRES ON TYPE I, II AND III RIMS																								
10.00R15 TR	G	5,070	2,300	105	720	4,805	2,180	105	720	96	43	7.50	10.7	272	36.4	925	17.0	432	566	351	14.0	12.5	318	68
SP 231™																								
TUBELESS TIRES ON 15° DROP CENTERS																								
385/65R22.5	J	9,370	4,250	120	830	N/A	N/A	N/A	N/A	151	68	11.75	15.3	389	42.2	1,072	19.6	498	492	306	20.0	N/A	N/A	75
SP 281™																								
TUBELESS TIRES ON 15° DROP CENTERS																								
425/65R22.5	L	11,400	5,150	120	830	N/A	N/A	N/A	N/A	183	83	13.00	16.5	419	44.5	1,131	20.6	523	469	291	24.0	N/A	N/A	68
SP 881™																								
TUBELESS TIRES ON 15° DROP CENTERS																								
11R24.5#	H	7,160	3,250	120	830	6,610	3,000	120	830	138	62	8.25	11.0	280	44.4	1,128	20.7	526	470	292	32.0	12.5	318	65

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