

WE START WE START
WHERE WHERE
THE ROAD THE ROAD
ENDS ENDS



DATASHEET | MATERIAL HANDLING

INDUSTRIAL PNEUMATIC TIRES

IMPERIAL DATA

INDUSTRIAL PNEUMATIC TIRES

TECHNICAL DATA

TIRE SIZE	PR	BRAND / PRODUCT NAME	TREAD PATTERN	TUBE* & VALVE**	FLAP	RIM SIZE ¹		ACTUAL TIRE DIMENSIONS				INFLATION PRESSURE (PSI)	LOAD INDEX & SPEED SYMBOL		LOAD CAPACITY (lbs) ²									
						Recommended	Alternative	Overall diameter (inch)	Overall width (inch)	Original tread depth (inch)	Static loaded radius (inch)				Counterbalanced lift trucks				Other vehicles ³ at maximum speed				Static 0 mph	
															Up to 16 mph		Up to 20 mph		6 mph		25 mph			
						Load wheel	Steering wheel	Load wheel	Steering wheel	6 mph	16 mph				25 mph	30 mph								
8"																								
4.00-8 (4.80-8)	8	SOLIDEAL	RIB	JS2	90-8	3.25I	3.00D	16.7	4.5	0.3	7.6	131	94	A5	1920	1480	1855	1380	1920	1480	1315	1250	2230	
4.00-8 (4.80-8)	10	SOLIDEAL ECOMATIC	ED	JS2	90-8	3.25I	3.00D	16.6	4.5	0.5	7.7	145	97	A5	2095	1610	2020	1500	2095	1610	1435	1360	2430	
5.00-8 (5.70-8)	8	SOLIDEAL ECOMATIC	ED	JS2	90-8	3.00D	3.25I/3.75I	18.2	5.0	0.5	8.4	120	106	A5	2725	2095	2625	1955	2725	2095	1865	1765	3165	
5.00-8 (5.70-8)	8	SOLIDEAL AIR 550	ED PLUS	JS2	90-8	3.00D	3.25I/3.75I	18.4	5.2	0.5	8.3	120	106	A5	2725	2095	2625	1955	2725	2095	1865	1765	3165	
5.00-8 (5.70-8)	8	SOLIDEAL AIR 570	AIR 570	JS2	90-8	3.00D		18.3	5.1	0.4		120	106	A5	2725	2095	2625	1945	2725	2095	1865	1765	3165	
5.00-8 (5.70-8)	10	SOLIDEAL AIR 550	ED PLUS	JS2	90-8	3.00D	3.25I/3.75I	18.3	5.2	0.5	8.2	145	111	A5	3120	2405	3010	2240	3120	2405	2140	2020	3630	
5.00-8 (5.70-8)	10	SOLIDEAL HAULER	LT	JS2	90-8	3.00D	3.25I/3.75I	18.1	5.2	0.6	8.2	145	111	A5	3120	2405	3010	2240	3120	2405	2140	2020	3630	
15x4 1/2-8 (125/75-8)	12	SOLIDEAL AIR 570	AIR 570	JS2	90-8	3.25	-	15.6	4.4	0.4		145	100	A5	2295	1765	2205	1635	2295	1765	1570	1480	2670	
16x6-8 (150/75-8)	10	SOLIDEAL AIR 570	AIR 570	V3-02-5	130-8	4.33	-	16.9	5.4	0.4		116	107	A5	2800	2150	2690	1985	2800	2150	1920	1810	3245	
16x6-8 (150/75-8)	14	SOLIDEAL AIR 550	ED PLUS	V3-02-05	130-8	4.33R	-	16.5	5.8	0.5	7.5	123	111	A5	3120	2405	3010	2240	3120	2405	2140	2020	3630	
16x6-8 (150/75-8)	16	SOLIDEAL HAULER	LT	V3-02-05	130-8	4.33R	-	16.6	5.8	0.5	7.5	131	115	A5	3485	2680	3355	2495	3485	2680	2385	2250	4050	
18x7-8 (180/70-8)	14	SOLIDEAL ECOMATIC	ED	V3-02-05	130-8	4.33R	5.00F	18.1	6.3	0.5	8.3	131	121	A5	4160	3200	4005	2980	4160	3200	2845	2690	4830	
18x7-8 (180/70-8)	14	SOLIDEAL AIR 550	ED PLUS	V3-02-05	130-8	4.33R	5.00F	17.8	6.2	0.6	16.8	131	121	A5	4160	3200	4005	2980	4160	3200	2845	2690	4830	
18x7-8 (180/70-8)	14	SOLIDEAL AIR 570	AIR 570	V3-02-07	130-8	4.33		18.5	6.3	0.4		131	121	A5	4160	3200	4005	2955	4160	3200	2845	2690	4830	
18x7-8 (180/70-8)	16	SOLIDEAL ECOMATIC	ED	V3-02-05	130-8	4.33R	5.00F	18.1	6.0	0.6	8.0	145	125	A5	4730	3640	4555	3385	4730	3640	3245	3055	5490	
18x7-8 (180/70-8)	16	SOLIDEAL AIR 550	ED PLUS	V3-02-05	130-8	4.33R	5.00F	18.1	6.2	0.6	8.1	145	125	A5	4730	3640	4555	3385	4730	3640	3245	3055	5490	
18x7-8 (180/70-8)	16	SOLIDEAL AIR 570	AIR 570	V3-02-07	130-8	4.33		18.6	6.4	0.4		145	125	A5	4730	3640	4555	3365	4730	3640	3245	3055	5490	
18x7-8 (180/70-8)	16	SOLIDEAL HAULER	LT	V3-02-05	130-8	4.33R	5.00F	18.6	6.5	0.7	8.3	145	125	A5	4730	3640	4555	3385	4730	3640	3245	3055	5490	
9"																								
6.00-9 (6.90-9)	10	SOLIDEAL ECOMATIC	ED	JS2	125-9	4.00E	-	20.7	5.3	0.5	9.5	123	118	A5	3785	2915	3640	2715	3785	2915	2595	2450	4400	
6.00-9 (6.90-9)	10	SOLIDEAL AIR 550	ED PLUS	JS2	125-9	4.00E	-	20.7	5.9	0.5	9.3	123	118	A5	3785	2915	3640	2715	3785	2915	2595	2450	4400	
6.00-9 (6.90-9)	10	SOLIDEAL AIR 561	AIR 561	JS2	125-9	4.00	-	21.3	6.4	0.5		123	118	A5	3785	2915	3640	2690	3785	2915	2595	2450	4400	
6.00-9 (6.90-9)	10	SOLIDEAL AIR 570	AIR 570	JS2	125-9	4.00	-	21.2	6.3	0.5		123	118	A5	3785	2915	3640	2690	3785	2915	2595	2450	4400	
6.00-9 (6.90-9)	10	SOLIDEAL HAULER	LT	JS2	125-9	4.00E	-	21.1	6.6	0.6	9.6	123	118	A5	3785	2915	3640	2715	3785	2915	2595	2450	4400	
6.00-9 (6.90-9)	12	SOLIDEAL ECOMATIC	ED	JS2	125-9	4.00E	-	21.1	5.9	0.5	9.7	145	121	A5	4160	3200	4005	2980	4160	3200	2845	2690	4830	
6.00-9 (6.90-9)	12	SOLIDEAL AIR 550	ED PLUS	JS2	125-9	4.00E	-	21.1	6.4	0.5	9.5	145	121	A5	4160	3200	4005	2980	4160	3200	2845	2690	4830	

Blue sections represent wheel diameter

TREAD PATTERNS



LT AIR 550 ED SM HA-TR HD RIBLUG RIB ZZ RIB

INDUSTRIAL PNEUMATIC TIRES

TECHNICAL DATA

TIRE SIZE	PR	BRAND / PRODUCT NAME	TREAD PATTERN	TUBE* & VALVE**	FLAP	RIM SIZE ¹		ACTUAL TIRE DIMENSIONS				INFLATION PRESSURE (PSI)	LOAD INDEX & SPEED SYMBOL	LOAD CAPACITY (lbs) ²									
						Recommended	Alternative	Overall diameter (inch)	Overall width (inch)	Original tread depth (inch)	Static loaded radius (inch)			Counterbalanced lift trucks				Other vehicles ³ at maximum speed				Static 0 mph	
														Up to 16 mph		Up to 20 mph		6 mph		16 mph			25 mph
						Load wheel	Steering wheel	Load wheel	Steering wheel	6 mph	16 mph			25 mph	30 mph								
6.00-9 (6.90-9)	12	SOLIDEAL HAULER	LT	JS2	125-9	4.00E	-	21.4	6.5	0.6	9.6	145	121	A5	4160	3200	4005	2980	4160	3200	2845	2690	4830
21x8-9 (200/75-9)	14	SOLIDEAL ECOMATIC	ED	JS2	180-9	6.00E	7.00E	21.2	7.7	0.8	9.7	131	131	A5	5590	4300	5380	4005	5590	4300	3825	3620	6495
21x8-9 (200/75-9)	14	SOLIDEAL AIR 550	ED PLUS	JS2	180-9	6.00E	7.00E	20.9	8.0	0.8	9.4	131	131	A5	5590	4300	5380	4005	5590	4300	3825	3620	6495
21x8-9 (200/75-9)	16	SOLIDEAL AIR 570	AIR 570	JS2	180-9	6.00	-	20.8	7.8	0.5	-	145	134	A5	6075	4675	5845	4325	6075	4675	4160	3925	7055
21x8-9 (200/75-9)	16	SOLIDEAL HAULER	LT	JS2	180-9	6.00E	7.00E	21.5	7.8	0.7	9.4	145	134	A5	6075	4675	5845	4345	6075	4675	4160	3925	7055
10"																							
6.50-10	10	SOLIDEAL ECOMATIC	ED	JS2	140-10	5.00F	5.50F	23.1	6.7	0.6	10.4	112	122	A5	4300	3310	4135	3080	4300	3310	2945	2780	4995
6.50-10	10	SOLIDEAL AIR 550	ED PLUS	JS2	140-10	5.00F	5.50F	23.1	6.7	0.6	10.4	112	122	A5	4300	3310	4135	3080	4300	3310	2945	2780	4995
6.50-10	10	SOLIDEAL AIR 561	AIR 561	JS2	140-10	5.00	5.50F	23.5	7.0	0.5	-	112	122	A5	4300	3310	4135	3065	4300	3310	2945	2780	4995
6.50-10	10	SOLIDEAL HAULER	LT	JS2	140-10	5.00F	5.50F	23.3	7.2	0.6	10.7	112	122	A5	4300	3310	4135	3080	4300	3310	2945	2780	4995
6.50-10	12	SOLIDEAL AIR550	ED PLUS	JS2	140-10	5.00F	5.50F	23.1	7.4	0.6	10.7	112	122	A5	4730	3640	4555	3385	4730	3640	3245	3055	5490
6.50-10	12	SOLIDEAL HAULER	LT	JS2	140-10	5.00F	5.50F	23.4	7.1	0.6	10.7	131	125	A5	4730	3640	4555	3385	4730	3640	3245	3055	5490
6.50-10	14	SOLIDEAL ECOMATIC	ED	JS2	140-10	5.00F	5.50F	23.1	6.8	0.6	10.6	145	128	A5	5160	3970	4965	3695	5160	3970	3530	3330	6000
6.50-10	14	SOLIDEAL AIR550	ED PLUS	JS2	140-10	5.00F	5.50F	23.2	7.3	0.6	10.5	145	128	A5	5160	3970	4965	3695	5160	3970	3530	3330	6000
6.50-10	14	SOLIDEAL HAULER	LT	JS2	140-10	5.00F	5.50F	23.4	7.1	0.6	10.6	145	128	A5	5160	3970	4965	3695	5160	3970	3530	3330	6000
7.50-10	16	SOLIDEAL ECOMATIC	ED	JS2	140-10	5.50F	5.00F	24.9	8.0	0.7	11.1	145	138	A5	6770	5205	6505	4840	6770	5205	4630	4370	7860
23x9-10 (225/75-10)	16	SOLIDEAL ECOMATIC	ED	JS2	180-10	6.50F	-	22.6	8.6	0.8	10.0	116	137	A5	6595	5075	6340	4720	6595	5075	4510	4255	7665
23x9-10 (225/75-10)	16	SOLIDEAL AIR 570	AIR 570	JS2	180-10	6.50	-	23.5	8.5	0.6	-	116	137	A5	6595	5075	6340	4700	6595	5075	4510	4255	7665
23x9-10 (225/75-10)	18	SOLIDEAL AIR 550	ED PLUS	JS2	180-10	6.50F	-	22.8	9.1	0.8	10.3	131	139	A5	6970	5360	6705	4985	6970	5360	4775	4500	8095
23x9-10 (225/75-10)	18	SOLIDEAL AIR 570	AIR570	V3-02-07	180-10	6.50	-	23.2	8.4	0.6	-	131	139	A5	6970	5360	6705	4965	6970	5360	4775	4500	8095
23x9-10 (225/75-10)	20	SOLIDEAL HAULER	LT	JS2	180-10	6.50F	-	22.8	9.3	0.6	10.3	145	142	A5	7595	5845	7310	5435	7595	5845	5205	4910	8820
12"																							
23x10-12 (250/55-12)	14	SOLIDEAL ECOMATIC	ED	JS2	210-12	8.00G	-	23.2	9.3	0.5	10.4	120	140	A5	7165	5515	6890	5130	7165	5515	4910	4630	8325
23x10-12 (250/55-12)	16	SOLIDEAL AIR 550	ED PLUS	JS2	210-12	8.00G	-	23.3	9.4	0.6	10.6	141	143	A5	7795	6010	7510	5590	7795	6000	5350	5050	9050
23x10-12 (250/55-12)	16	SOLIDEAL HAULER	LT	JS2	210-12	8.00G	-	23.8	9.7	0.7	10.8	141	143	A5	7795	6010	7510	5590	7795	6000	5350	5050	9050
27x10-12 (250/75-12)	16	SOLIDEAL ECOMATIC	ED	V3-02-05	210-12	8.00G	-	26.7	10.3	0.7	12.3	116	146	A5	8600	6615	8270	6155	8600	6615	5890	5560	9990
27x10-12 (250/75-12)	16	SOLIDEAL AIR 550	ED PLUS	V3-02-05	210-12	8.00G	-	26.9	9.9	0.7	12.1	116	146	A5	8600	6615	8270	6155	8600	6615	5890	5560	9990

Blue sections represent wheel diameter

TREAD PATTERNS



LT AIR 550 ED SM HA-TR HD RIBLUG RIB ZZ RIB

INDUSTRIAL PNEUMATIC TIRES

TECHNICAL DATA

TIRE SIZE	PR	BRAND / PRODUCT NAME	TREAD PATTERN	TUBE* & VALVE**	FLAP	RIM SIZE ¹		ACTUAL TIRE DIMENSIONS				INFLATION PRESSURE (PSI)	LOAD INDEX & SPEED SYMBOL	LOAD CAPACITY (lbs) ²									
						Recommended	Alternative	Overall diameter (inch)	Overall width (inch)	Original tread depth (inch)	Static loaded radius (Inch)			Counterbalanced lift trucks				Other vehicles ³ at maximum speed				Static	
														Up to 16 mph		Up to 20 mph		6 mph		16 mph			25 mph
						Load wheel	Steering wheel	Load wheel	Steering wheel	6 mph	16 mph			25 mph	30 mph	0 mph							
27x10-12 (250/75-12)	20	SOLIDEAL AIR550	ED PLUS	V3-02-05	210-12	8.00G	-	26.9	9.9	0.7	12.1	131	152	A5	10175	7830	9790	7280	10175	7830	6970	6570	11820
27x10-12 (250/75-12)	24	SOLIDEAL HAULER	LT	V3-02-05	210-12	8.00G	-	26.5	9.8	0.9	12.0	131	152	A5	12185	9370	11720	8720	12185	9370	8345	7875	14155
7.00-12	12	SOLIDEAL ECOMATIC	ED	TR75A	135-12	5.00S	-	26.9	7.2	0.6	12.4	123	133	A5	5910	4545	5680	4225	5910	4545	4050	3815	6860
7.00-12	12	SOLIDEAL AIR 550	ED PLUS	TR75A	135-12	5.00S	-	26.6	7.6	0.6	12.0	123	133	A5	5910	4545	5680	4225	5910	4545	4050	3815	6860
7.00-12	12	SOLIDEAL HAULER	LT	TR75A	135-12	5.00S	-	26.8	7.6	0.7	12.2	123	133	A5	5910	4545	5680	4225	5910	4545	4050	3815	6860
7.00-12	14	SOLIDEAL ECOMATIC	ED	TR75A	135-12	5.00S	-	26.8	7.2	0.6	12.4	131	134	A5	6075	4675	5845	4345	6075	4675	4160	3925	7055
7.00-12	14	SOLIDEAL AIR 550	ED PLUS	TR75A	135-12	5.00S	-	26.7	7.2	0.6	12.0	131	134	A5	6075	4675	5845	4345	6075	4675	4160	3925	7055
7.00-12	14	SOLIDEAL AIR 561	AIR 561	TR75A	135-12	5.00	-	26.4	7.4	0.6		131	134	A5	6075	4675	5845	4325	6075	4675	4160	3925	7055
7.00-12	14	SOLIDEAL HAULER	LT	TR75A	135-12	5.00S	-	26.8	7.7	0.7	12.2	131	134	A5	6075	4675	5845	4345	6075	4675	4160	3925	7055
7.00-12	16	SOLIDEAL AIR 550	ED PLUS	TR75A	135-12	5.00S	-	26.3	7.5	0.7	12.2	145	136	A5	6420	4940	6175	4600	6420	4940	4400	4145	7455
7.00-12	16	SOLIDEAL HAULER	LT	TR75A	135-12	5.00S	-	26.9	7.7	0.7	12.2	145	136	A5	6420	4940	6175	4600	6420	4940	4400	4145	7455
13"																							
23x5	10	SOLIDEAL ECOMATIC	ED	JS2	130-13	3.75P-13	-	25	5.7	0.8	11.1	112	122	A5	4270	3310	4135	3080	4270	3285	2945	2780	4965
15"																							
28x12.5-15 (355/45-15)	24	SOLIDEAL AIR 550	ED PLUS	V3-02-10	260-15	9.75	-	27.4	11.5	0.7		145	161	A5	13265	10200	12745	9480	13265	10200	9075	8565	15400
28x12.5-15 (355/45-15)	24	SOLIDEAL HAULER	LT	V3-02-10	260-15	9.75	-	27.4	11.5	0.7	12.4	145	161	A5	13265	10200	12745	9480	13265	10200	9075	8565	15400
28x9-15 (8.15-15 & 225/75-15)	14	SOLIDEAL ECOMATIC	ED	V3-02-08	180-15 HD	7.00	-	28.3	8.5	0.7	12.8	131	145	A5	8315	6395	7995	5945	8315	6395	5690	5370	9660
28x9-15 (8.15-15 & 225/75-15)	14	SOLIDEAL AIR 550	ED PLUS	V3-02-08	180-15 HD	7.00	-	28.1	8.8	0.8	12.6	131	145	A5	8315	6395	7995	5945	8315	6395	5690	5370	9660
28x9-15 (8.15-15 & 225/75-15)	14	SOLIDEAL AIR 570	AIR 570	TR75A	180-15 HD	7.00	-	27.7	8.1	0.5		145	146	A5	8600	6615	8270	6120	8600	6615	5890	5560	9990
28x9-15 (8.15-15 & 225/75-15)	14	SOLIDEAL HAULER	LT	V3-02-08	180-15 HD	7.00	-	27.8	8.6	0.7	12.7	131	145	A5	8315	6395	7995	5945	8315	6395	5690	5370	9660
28x9-15 (8.15-15 & 225/75-15)	16	SOLIDEAL AIR 550	ED PLUS	V3-02-08	180-15 HD	7.00	-	28.1	8.8	0.8	12.9	141	148	A5	9030	6945	8690	6460	9030	6945	6185	5835	10485
28x9-15 (8.15-15 & 225/75-15)	18	SOLIDEAL AIR 570	AIR 570	V3-02-08	180-15 HD	7.00	-					145	144	A5	8015	6165	7710	5700	8015	6165	5490	5185	9305
250-15 (250/70-15)	16	SOLIDEAL ECOMATIC	ED	TR77A	180-15 HD	7.50	7.00	29.4	8.9	0.9	13.1	120	150	A5	9605	7390	9240	6870	9605	7390	6570	6210	11160
250-15 (250/70-15)	16	SOLIDEAL AIR 550	ED PLUS	TR77A	180-15 HD	7.50	7.00	28.8	9.2	0.8	13.2	120	150	A5	9605	7390	9240	6870	9605	7390	6570	6210	11160
250-15 (250/70-15)	16	SOLIDEAL HAULER	LT	TR77A	180-15 HD	7.50	7.00	29.3	8.9	0.7	13.3	120	150	A5	9605	7390	9240	6870	9605	7390	6570	6210	11160
250-15 (250/70-15)	18	SOLIDEAL AIR550	ED PLUS	TR77A	180-15 HD	7.50	7.00	28.9	9.1	0.8	13.2	138	153	A5	10465	8050	10065	7485	10465	8050	7165	6760	12150
250-15 (250/70-15)	20	SOLIDEAL HAULER	LT	TR77A	180-15 HD	7.50	7.00	28.9	9.1	0.9	13.3	145	156	A5	11465	8820	11025	8205	11465	8820	7850	7410	13320

Blue sections represent wheel diameter

TREAD PATTERNS



LT

AIR 550

ED

SM

HA-TR

HD

RIBLUG

RIB

ZZ RIB

INDUSTRIAL PNEUMATIC TIRES

TECHNICAL DATA

TIRE SIZE	PR	BRAND / PRODUCT NAME	TREAD PATTERN	TUBE* & VALVE**	FLAP	RIM SIZE ¹		ACTUAL TIRE DIMENSIONS				INFLATION PRESSURE (PSI)	LOAD INDEX & SPEED SYMBOL	LOAD CAPACITY (lbs) ²									
						Recommended	Alternative	Overall diameter (inch)	Overall width (inch)	Original tread depth (inch)	Static loaded radius (inch)			Counterbalanced lift trucks				Other vehicles ³ at maximum speed				Static 0 mph	
														Up to 16 mph		Up to 20 mph		6 mph		16 mph			25 mph
						Load wheel	Steering wheel	Load wheel	Steering wheel	6 mph	16 mph			25 mph	30 mph	6 mph	16 mph	25 mph	30 mph				
300-15 (315/70-15)	18	SOLIDEAL ECOMATIC	LT	TR78A	180-15 HD	8.00	-	32.5	11.5	0.9	14.5	116	161 A5	13265	10200	12745	9480	13265	10200	9075	8565	15400	
300-15 (315/70-15)	18	SOLIDEAL AIR 550	ED PLUS	TR78A	180-15 HD	8.00	-	32.5	11.5	1.0	14.7	116	161 A5	13265	10200	12745	9480	13265	10200	9075	8565	15400	
300-15 (315/70-15)	18	SOLIDEAL HAULER	LT	TR78A	180-15 HD	8.00	-	33.5	10.9	1.0	15.1	116	161 A5	13265	10200	12745	9480	13265	10200	9075	8565	15400	
300-15 (315/70-15)	22	SOLIDEAL HAULER	LT	TR78A	180-15 HD	8.00	-	32.8	11.1	1.0	14.8	138	163 A5	14760	11355	14200	10565	14760	11355	10110	9535	17145	
355/65-15	24	SOLIDEAL AIR 550	ED PLUS	TR78A	260-15	9.75	-	32.9	13.4	1.3		145	170 A5	17200	13230	16535	12305	17200	13230	11775	11115	19975	
32x12.1-15	24	SOLIDEAL HAULER	LT	TR78A	260-15	9.75	-	31.7	12.4	1.1	13.9	145	170 A5	17200	13230	16535	12305	17200	13230	11775	11115	19975	
315/85-15	20	SOLIDEAL HAULER	LT	TR78A	180-15 HD	7.50	-	35.7	11.4	1.0	15.6	138	172 A5	18060	13890	17365	12855	18060	13890	12360	11665	20980	
7.00-15	14	SOLIDEAL ECOMATIC	ED	TR75A	180-15	5.50	5.00	30.0	7.6	0.7	13.5	131	141 A5	7390	5680	7100	5285	7390	5680	5050	4775	8580	
7.00-15	14	SOLIDEAL AIR 550	ED PLUS	TR75A	180-15	5.50	5.00	30.0	8.0	0.7	13.5	131	141 A5	7390	5680	7100	5285	7390	5680	5050	4775	8580	
7.00-15	14	SOLIDEAL AIR 561	AIR 561	TR75A	180-15	5.50		29.8	7.6	0.7		131	140 A5	7390	5680	7100	5250	7390	5680	5050	4775	8580	
7.00-15	14	SOLIDEAL HAULER	LT	TR75A	180-15	5.50	5.00	28.9	7.5	0.9	13.1	131	141 A5	7390	5680	7100	5285	7390	5680	5050	4775	8580	
7.50-15	14	SOLIDEAL ECOMATIC	ED	TR75A	180-15	6.00	5.50/6.50	30.9	7.7	0.9	14.4	134	144 A5	8025	6175	7720	5745	8025	6175	5490	5185	9330	
7.50-15	14	SOLIDEAL AIR 550	ED PLUS	TR75A	180-15	6.00	5.50/6.50	30.9	8.3	0.8	14.1	134	144 A5	8025	6175	7720	5745	8025	6175	5490	5185	9330	
7.50-15	14	SOLIDEAL HAULER	LT	TR75A	180-15	6.00	5.50/6.50	30.7	8.3	0.8	14.0	134	144 A5	8025	6175	7720	5745	8025	6175	5490	5185	9330	
8.25-15 (7.50-15(32))	14	SOLIDEAL ECOMATIC	ED	TR77A	180-15	6.50	6.00/7.00	33.2	9.1	0.8	15.4	116	149 A5	9315	7165	8965	6670	9315	7165	6385	6020	10825	
8.25-15 (7.50-15(32))	14	SOLIDEAL AIR 550	ED PLUS	TR77A	180-15	6.50	6.00/7.00	33.2	9.1	0.7	15.0	116	149 A5	9315	7165	8965	6670	9315	7165	6385	6020	10825	
8.25-15 (7.50-15(32))	14	SOLIDEAL HAULER	LT	TR77A	180-15	6.50	6.00/7.00	33.1	9.7	0.7	15.0	116	149 A5	9315	7165	8965	6670	9315	7165	6385	6020	10825	
8.25-15 (7.50-15(32))	16	SOLIDEAL ECOMATIC	ED	TR77A	180-15	6.50	6.00/7.00	33.2	9.1	0.8	15.3	134	152 A5	10175	7830	9790	7280	10175	7830	6970	6570	11820	
8.25-15 (7.50-15(32))	16	SOLIDEAL AIR 550	ED PLUS	TR77A	180-15	6.50	6.00/7.00	33.3	9.9	0.7	15.0	134	152 A5	10175	7830	9790	7280	10175	7830	6970	6570	11820	
8.25-15 (7.50-15(32))	16	SOLIDEAL HAULER	LT	TR77A	180-15	6.50	6.00/7.00	33.1	9.7	0.9	15.0	134	152 A5	10175	7830	9790	7280	10175	7830	6970	6570	11820	
8.25-15 (7.50-15(32))	16	SOLIDEAL HAULER	SM	TR77A	180-15	6.50	6.00/7.00	33.1	9.7		15.0	134	152 A5	10175	7830	9790	7280	10175	7830	6970	6570	11820	
8.25-15 (7.50-15(32))	18	SOLIDEAL HAULER	LT	TR77A	180-15	6.50	6.00/7.00	33.1	9.7	0.7	15.0	134	152 A5	10465	8050	10065	7485	10465	8050	7190	6760	12150	
8.25-15 (7.50-15(32))	20	SOLIDEAL HAULER	SM	TR77A	180-15	6.50	6.00/7.00	33.1	9.7		15.0	134	152 A5	10750	8270	10340	7695	10750	8270	7365	6945	12490	
16"																							
7.50-16	12	SOLIDEAL ECOMATIC	ED	TR75A	180-16	6.00	5.0/5.50	31.7	7.6	0.8	14.7	116	144 A5	8025	6175	7720	5745	8025	6175	5490	5185	9330	
16.5"																							
8.00-16.5	10	SOLIDEAL AIR 561	AIR 561	TBLS	-	6.00	-	29.0	8.7	0.6		76	115 A5	3485	2680	3355	2485	3485	2680	2385	2250	4050	

Blue sections represent wheel diameter

TREAD PATTERNS



LT AIR 550 ED SM HA-TR HD RIBLUG RIB ZZ RIB

INDUSTRIAL PNEUMATIC TIRES

TECHNICAL DATA

TIRE SIZE	PR	BRAND / PRODUCT NAME	TREAD PATTERN	TUBE* & VALVE**	FLAP	RIM SIZE ¹		ACTUAL TIRE DIMENSIONS				INFLATION PRESSURE (PSI)	LOAD INDEX & SPEED SYMBOL	LOAD CAPACITY (lbs) ²									
						Recommended	Alternative	Overall diameter (inch)	Overall width (inch)	Original tread depth (inch)	Static loaded radius (Inch)			Counterbalanced lift trucks				Other vehicles ³ at maximum speed				Static	
														Up to 16 mph		Up to 20 mph		6 mph		16 mph			25 mph
						Load wheel	Steering wheel	Load wheel	Steering wheel	6 mph	16 mph			25 mph	30 mph	0 mph							
8.75-16.5	10	SOLIDEAL AIR 561	AIR 561	TBLS	-	6.00	-	29.8	8.8	0.7		76	124	A5	4590	3530	4410	3265	4590	3530	3145	2970	5325
9.50-16.5	10	SOLIDEAL AIR 561	AIR 561	TBLS	-	6.50	7.00	31.4	10.0	0.7		76	127	A5	5020	3860	4830	3575	5020	3860	3440	3245	5835
20"																							
9.00-20	14	SOLIDEAL ECOMATIC	ED	V3-02-14	200-20	7.00	6.50/7.50	40.5	10.6	0.8	18.2	131	160	A5	12900	9925	12405	9230	12900	9925	8830	8335	14985
9.00-20	14	SOLIDEAL AIR 550	ED PLUS	V3-02-14	200-20	7.00	6.50/7.50	41.2	11.3	0.9	18.7	131	160	A5	12900	9925	12405	9230	12900	9925	8830	8335	14985
10.00-20	16	SOLIDEAL ECOMATIC	ED	V3-02-14	200-20	7.50	7.00/8.00	41.7	10.8	0.8	18.8	131	164	A5	14330	11025	13780	10255	14330	11025	9815	9260	16645
10.00-20	16	SOLIDEAL AIR 550	ED PLUS	V3-02-14	200-20	7.50	7.00/8.00	41.7	11.2	0.8	18.9	131	164	A5	14330	11025	13780	10255	14330	11025	9815	9260	16645
10.00-20	16	SOLIDEAL HAULER	LT	V3-02-14	200-20	7.50	7.00/8.00	42.8	11.1	1.2	19.5	131	164	A5	14330	11025	13780	10255	14330	11025	9815	9260	16645
10.00-20	16	SOLIDEAL HAULER	SM	V3-02-14	200-20	7.50	7.00/8.00	42.7	11.3		19.6	131	164	A5	14330	11025	13780	10255	14330	11025	9815	9260	16645
10.00-20	16	SOLIDEAL HAULER	HA-TR	V3-02-14	200-20	7.50	7.00/8.00	42.7	11.3	1.2	19.6	131	164	A5	14330	11025	13780	10255	14330	11025	9815	9260	16645
11.00-20	16	SOLIDEAL HAULER	LT	V3-02-14	200-20	8.00	7.50/8.50	42.9	11.9	1.2	20.0	131	167	A5	15620	12020	15025	11180	15620	12020	10695	10100	18145
11.00-20	18	SOLIDEAL HAULER	LT	V3-02-14	200-20	8.00	7.50/8.50	42.9	11.9	1.3	19.5	145	170	A5	17200	13230	16535	12305	17200	13230	11775	11115	19975
12.00-20	20	SOLIDEAL AIR 550	LT	V3-02-14	200-20	8.50	8.00/9.00	44.6	13.0	1.3	20.2	145	175	A5	19780	15215	19015	14145	19780	15215	13540	12780	22975
12.00-20	20	SOLIDEAL HAULER	LT	V3-02-14	200-20	8.50	8.00/9.00	45.3	12.5	1.4	20.4	145	175	A5	19780	15215	19015	14145	19780	15215	13540	12780	22975
12.00-20	20	SOLIDEAL HAULER	ED PLUS	V3-02-14	200-20	8.50	8.00/9.00	45.1	12.6		20.8	145	175	A5	19780	15215	19015	14145	19780	15215	13540	12780	22975
12.00-20	20	SOLIDEAL HAULER	LT	V3-02-14	200-20	8.50	8.00/9.00	44.6	12.6	1.4	20.6	145	175	A5	19780	15215	19015	14145	19780	15215	13540	12780	22975
12.00-20	20	HAULER PORTMASTER	SM	V3-02-14	200-20	8.50	8.00/9.00	45.0	12.6	2.2	20.3	145	175	A5	19780	15215	19015	14145	19780	15215	13540	12780	22975
12.00-20	28	SOLIDEAL HAULER	HA-TR	V3-02-14	200-20	8.50	8.00/9.00	45.3	12.7	1.4	20.6	145	180	A5	22930	17640	22050	16405	22930	17640	15700	14815	26635
12.00-20	28	HAULER PORTMASTER	HD	V3-02-14	200-20	8.50	8.00/9.00	44.5	12.6	2.2	20.2	145	180	A5	22930	17640	22050	16405	22930	17640	15700	14815	26635
24"																							
14.00-24	28	SOLIDEAL HAULER	LT	V3-02-7	250-24	10.00	W/VA/WI	53.7	14.6	2.0	24.5	145	186	A5	27230	20945	26180	19380	27230	20945	18640	17595	31625
25"																							
16.00-25	32	SOLIDEAL HAULER	LT	TBLS	-	11.25/2.0	13.00/2.0	58.0	16.6	2.2	26.1	145	195	A5	34825	26790	33490	24915	34825	26790	23845	22500	40445
18.00-25	40	CAMSO AIR 775	SM	TBLS	-	13.00/2.5	-	65.0	19.1	3.2		145	207	A5	50155	38585	48230	35695	50155	38585	34340	32410	58260

Blue sections represent wheel diameter

TREAD PATTERNS



LT AIR 550 ED SM HA-TR HD RIBLUG RIB ZZ RIB

INDUSTRIAL PNEUMATIC TIRES

TECHNICAL DATA

Remarks

- (1) Consult tire and wheel manufacturer for confirmation of the suitability of the tire/rim combination particularly with regard to rim profile and wheel strength.
- (2) The speeds quoted in the table are the maximum speeds of the unloaded vehicle. An increase in load capacity for lower speeds is not permitted. Loads apply to cyclic service applications. Cyclic service means applications where tire are not used continuously at the load indicated by its Load Index and Speed Symbol. It does not refer to the length of time a vehicle is in use, but rather that there is a variation in load and/or speed.

(3) This category includes:

- Drive and steer wheels on other than counterbalanced forklift trucks
- Mobile cranes
- Free-rolling wheels on other vehicles (trailers) up to a maximum distance of 2000 m per journey.

For longer distances, fitted to wheels for rotary plants, for non intermittent service or for straddle carrier applications, please consult the technical department. For sideloaders applications, please consult the technical department.

NHS – Not for Highway Service: Tires primarily designed for use outside of public roads, but suitable for temporary/incidental use on public roads.

* Tube size is identical to tire size

** Table shows standard valves. Other valves on request.

This document contains technical data of all products globally. It is possible that certain items are not sold in your region.

Please contact your local sales contact to check tire availability in your region.

TREAD PATTERNS



LT

AIR 550

ED

SM

HA-TR

HD

RIBLUG

RIB

ZZ RIB

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