

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 SIZE¹		ACTUAL TIRE DIMENSIONS				INFLATION PRESSURE (PSI)	LOAD INDEX & SPEED SYMBOL	LOAD CAPACITY (lbs)²										Static	
						Recommended	Alternative	Overall diameter (inch)	Overall width (inch)	Original tread depth (inch)	Static loaded radius (inch)			Counterbalanced lift trucks				Other vehicles³ at maximum speed							
														Up to 16 mph		Up to 20 mph		6 mph		16 mph		25 mph			30 mph
						Load wheel	Steering wheel	Load wheel	Steering wheel	6 mph	16 mph			25 mph	30 mph	0 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	1918	1477	1852	1378	1918	1477	1312	1246	2227		
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	2094	1609	2017	1499	2094	1609	1433	1356	2425		
5.00-8 (5.70-8)	8	Solideal ED Plus	ED PLUS	JS2	90-8	3.00D	3.25I/3.75I	18.4	5.2	0.5	8.3	120	106	A5	2723	2094	2623	1951	2723	2094	1863	1764	3164		
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	2723	2094	2623	1951	2723	2094	1863	1764	3164		
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	11	A5	3120	2403	3009	2238	3120	2403	2138	2017	3627		
5.00-8 (5.70-8)	10	Solideal ED Plus	ED PLUS	JS2	90-8	3.00D	3.25I/3.75I	18.3	5.2	0.5	8.2	145	111	A5	3120	2403	3009	2238	3120	2403	2138	2017	3627		
5.00-8 (5.70-8)	10	Solideal	RIB LUG	JS2	90-8	3.00D	3.25I/3.75I	18.5	5.2	0.4	8.3	145	111	A5	3120	2403	3009	2238	3120	2403	2138	2017	3627		
15x4 1/2-8 (125/75-8)	12	Solideal	RIB LUG	JS2	90-8	3.00D-8	3.25I-8	15.0	4.4	0.3	6.9	145	100	A5	2293	1764	2205	1642	2293	1764	1565	1477	2668		
16x6-8 (150/75-8)	10	Solideal	RIB LUG	V3-02-05	130-8	4.33R	-	16.8	5.4	0.4	7.6	116	107	A5	2800	2149	2690	1995	2800	2149	1918	1808	3241		
16x6-8 (150/75-8)	14	Solideal ED Plus	ED PLUS	V3-02-05	130-8	4.33R	-	16.5	5.8	0.5	7.5	123	111	A5	3120	2403	3009	2238	3120	2403	2138	2017	3627		
16x6-8 (150/75-8)	16	Solideal Hauler	LT	V3-02-05	130-8	4.33R	-	16.6	5.8	0.5	7.5	145	113	A5	3296	2535	3175	2348	3296	2535	2260	2127	3825		
18x7-8 (180/70-8)	14	Solideal	RIB LUG	V3-02-05	130-8	4.33R	5.00F	18.3	6.1	0.4	8.3	131	121	A5	4156	3197	4001	2976	4156	3197	2844	2690	4828		
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	4156	3197	4001	2976	4156	3197	2844	2690	4828		
18x7-8 (180/70-8)	14	Solideal ED Plus	ED PLUS	V3-02-05	130-8	4.33R	5.00F	17.8	6.2	0.6	16.8	131	121	A5	4156	3197	4001	2976	4156	3197	2844	2690	4828		
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	4729	3638	4552	3384	4729	3638	3241	3053	5489		
18x7-8 (180/70-8)	16	Solideal ED Plus	ED PLUS	V3-02-05	130-8	4.33R	5.00F	18.1	6.2	0.6	8.1	145	125	A5	4729	3638	4552	3384	4729	3638	3241	3053	5489		
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	4729	3638	4552	3384	4729	3638	3241	3053	5489		
9"																									
6.00-9	10	Solideal Hauler	LT	JS2	125-9	4.00E	-	21.1	6.6	0.6	9.6	123	118	A5	3781	2910	3638	2712	3781	2910	2590	2447	4398		
6.00-9	10	Solideal ED Plus	ED PLUS	JS2	125-9	4.00E	-	20.7	5.9	0.5	9.3	123	118	A5	3781	2910	3638	2712	3781	2910	2590	2447	4398		
6.00-9 (6.90-9)	10	Solideal	RIB LUG	JS2	125-9	4.00E	-	21.3	6.2	0.4	9.4	123	118	A5	3781	2910	3638	2712	3781	2910	2590	2447	4398		
6.00-9 (6.90-9)	10	Solideal	ZZRIB	JS2	125-9	4.00E	-	21.7	6.1	0.7	9.8	123	118	A5	3781	2910	3638	2712	3781	2910	2590	2447	4398		
6.00-9	10	Solideal Ecomatic	ED	JS2	125-9	4.00E	-	20.7	5.3	0.5	9.5	123	118	A5	3781	2910	3638	2712	3781	2910	2590	2447	4398		
6.00-9	12	Solideal Hauler	LT	JS2	125-9	4.00E	-	21.4	6.5	0.6	9.6	145	121	A5	4156	3197	4001	2976	4156	3197	2844	2690	4828		
6.00-9	12	Solideal ED Plus	ED PLUS	JS2	125-9	4.00E	-	21.1	6.4	0.5	9.5	145	121	A5	4156	3197	4001	2976	4156	3197	2844	2690	4828		
6.00-9	12	Solideal Ecomatic	ED	JS2	125-9	4.00E	-	21.1	5.9	0.5	9.7	145	121	A5	4156	3197	4001	2976	4156	3197	2844	2690	4828		

TREAD PATTERNS

Blue sections represent wheel diameter



LT ED PLUS 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 SIZE¹		ACTUAL TIRE DIMENSIONS				INFLATION PRESSURE (PSI)	LOAD INDEX & SPEED SYMBOL	LOAD CAPACITY (lbs)²										Static
						Recommended	Alternative	Overall diameter (inch)	Overall width (inch)	Original tread depth (inch)	Static loaded radius (inch)			Counterbalanced lift trucks				Other vehicles³ at maximum speed						
														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								
21x8-9 (200/75-9)	14	Solideal ED Plus	ED PLUS	JS2	180-9	6.00E	7.00E	20.9	8.0	0.8	9.4	131	131	A5	5589	4299	5379	4001	5589	4299	3825	3616	6493	
21x8-9 (200/75-9)	14	Solideal	RIB LUG	JS2	180-9	6.00E	7.00E	20.8	7.8	0.4	9.1	131	131	A5	5589	4299	5379	4001	5589	4299	3825	3616	6493	
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	5589	4299	5379	4001	5589	4299	3825	3616	6493	
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	6074	4674	5842	4343	6074	4674	4156	3924	7055	
10"																								
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	4299	3307	4134	3075	4299	3307	2943	2778	4993	
6.50-10	10	Solideal ED Plus	ED PLUS	JS2	140-10	5.00F	5.50F	23.1	6.7	0.6	10.4	112	122	A5	4299	3307	4134	3075	4299	3307	2943	2778	4993	
6.50-10	10	Solideal	RIB LUG	JS2	140-10	5.00F	5.50F	23.1	6.9	0.4	10.4	112	122	A5	4299	3307	4134	3075	4299	3307	2943	2778	4993	
6.50-10	10	Solideal	ZZRIB	JS2	140-10	5.00F	5.50F	23	6.7	0.7	10.3	112	122	A5	4299	3307	4134	3075	4299	3307	2943	2778	4993	
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	4299	3307	4134	3075	4299	3307	2943	2778	4993	
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	4729	3638	4552	3384	4729	3638	3241	3053	5489	
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	5159	3968	4960	3693	5159	3968	3527	3329	5997	
6.50-10	14	Solideal ED Plus	ED PLUS	JS2	140-10	5.00F	5.50F	23.2	7.3	0.6	10.5	145	128	A5	5159	3968	4960	3693	5159	3968	3527	3329	5997	
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	5159	3968	4960	3693	5159	3968	3527	3329	5997	
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	6768	5203	6504	4839	6768	5203	4630	4365	7859	
23x9-10 (225/75-10)	16	Solideal	RIB LUG	JS2	180-10	6.50F	-	23.5	8.5	0.5	10.7	116	137	A5	6592	5070.58	6338	4718	6592	5071	4508	4255	7661	
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	6592	5070.58	6338	4718	6592	5071	4508	4255	7661	
23x9-10 (225/75-10)	18	Solideal ED Plus	ED PLUS	JS2	180-10	6.50F	-	22.8	9.1	0.8	10.3	131	139	A5	6967	5357.178	6702	4982	6967	5357	4773	4497	8091	
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	5842.19	7308	5434	7595	5842	5203	4905	8818	
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	5512	6889	5126	7165	5512	4905	4630	8322	
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	7793	6008	7507	5589	7793	5997	5346	5049	9050	
23x10-12 (250/55-12)	16	Solideal ED Plus	ED PLUS	JS2	210-12	8.00G	-	23.3	9.4	0.6	10.6	141	143	A5	7793	6008	7507	5589	7793	5997	5346	5049	9050	
27x10-12 (250/75-12)	16	Solideal ED Plus	ED PLUS	V3-02-05	210-12	8.00G	-	26.9	9.9	0.7	12.1	116	146	A5	8598	6614	8267	6151	8598	6614	5886	5556	9987	
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	8598	6614	8267	6151	8598	6614	5886	5556	9987	
27x10-12 (250/75-12)	20	Solideal ED Plus	ED PLUS	V3-02-05	210-12	8.00G	-	26.9	9.9	0.7	12.1	131	152	A5	10174	7826	9788	7275	10174	7826	6967	6570	11817	
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	12180	9370	11717	8719	12180	9370	8344	7870	14154	

Blue sections represent wheel diameter

TREAD PATTERNS



LT ED PLUS 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 SIZE¹		ACTUAL TIRE DIMENSIONS				INFLATION PRESSURE (PSI)	LOAD INDEX & SPEED SYMBOL	LOAD CAPACITY (lbs)²										Static
						Recommended	Alternative	Overall diameter (inch)	Overall width (inch)	Original tread depth (inch)	Static loaded radius (inch)			Counterbalanced lift trucks				Other vehicles³ at maximum speed						
														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								
7.00-12	12	Solideal Hauler	LT	TR75A	135-12	5.00S	-	26.8	7.6	0.7	12.2	123	133	A5	5908	4541	5677	4222	5908	4541	4045	3814	6856	
7.00-12	12	Solideal ED Plus	ED PLUS	TR75A	135-12	5.00S	-	26.6	7.6	0.6	12.0	123	133	A5	5908	4541	5677	4222	5908	4541	4045	3814	6856	
7.00-12	12	Solideal Ecomatic	ED	TR75A	135-12	5.00S	-	26.9	7.2	0.6	12.4	123	133	A5	5908	4541	5677	4222	5908	4541	4045	3814	6856	
7.00-12	14	Solideal Hauler	LT	TR75A	135-12	5.00S	-	26.8	7.7	0.7	12.2	131	134	A5	6074	4674	5842	4343	6074	4674	4156	3924	7055	
7.00-12	14	Solideal ED Plus	ED PLUS	TR75A	135-12	5.00S	-	26.7	7.2	0.6	12.0	131	134	A5	6074	4674	5842	4343	6074	4674	4156	3924	7055	
7.00-12	14	Solideal Ecomatic	ED	TR75A	135-12	5.00S	-	26.8	7.2	0.6	12.4	131	134	A5	6074	4674	5842	4343	6074	4674	4156	3924	7055	
7.00-12	16	Solideal Hauler	LT	TR75A	135-12	5.00S	-	26.9	7.7	0.7	12.2	145	136	A5	6415	4938	6173	4597	6415	4938	4398	4145	7452	
13"																								
23x5	10	Solideal Ecomatic	ED	JS2	130-13	3.75P-13	-	25	5.7	0.8	11.1	112	122	A5	4266	3307	4134	3075	4266	3285	2943	2778	4960	
15"																								
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	13261	10196	12743	9480	13261	10196	9072	8565	15399	
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	8311	6393	7992	5941	8311	6393	5688	5368	9656	
28x9-15 (8.15-15 & 225/75-15)	14	Solideal ED Plus	ED PLUS	V3-02-08	180-15 HD	7.00	-	28.1	8.8	0.8	12.6	131	145	A5	8311	6393	7992	5941	8311	6393	5688	5368	9656	
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	8311	6393	7992	5941	8311	6393	5688	5368	9656	
28x9-15 (8.15-15 & 225/75-15)	16	Solideal ED Plus	ED PLUS	V3-02-08	180-15 HD	7.00	-	28.1	8.8	0.8	12.9	141	148	A5	9028	6944	8686	6459	9028	6944	6184	5831	10483	
28x9-15 (8.15-15 & 225/75-15)	16	Solideal	RIB LUG	V3-02-08	180-15 HD	7.00	-	28.3	8.4	0.5	13.0	141	148	A5	9028	6944	8686	6459	9028	6944	6184	5831	10483	
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	9601	7385	9237	6867	9601	7385	6570	6206	11155	
250-15 (250/70-15)	16	Solideal ED Plus	ED PLUS	TR77A	180-15 HD	7.50	7.00	28.8	9.2	0.8	13.2	120	150	A5	9601	7385	9237	6867	9601	7385	6570	6206	11155	
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	9601	7385	9237	6867	9601	7385	6570	6206	11155	
250-15 (250/70-15)	18	Solideal ED Plus	ED PLUS	TR77A	180-15 HD	7.50	7.00	28.9	9.1	0.8	13.2	138	153	A5	10461	8047	10064	7485	10461	8047	7165	6757	12147	
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	155	A5	11111	8543	10681	7904	11111	8543	7606	7176	12897	
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	13261	10196	12743	9480	13261	10196	9072	8565	15399	
300-15 (315/70-15)	18	Solideal ED Plus	ED PLUS	TR78A	180-15 HD	8.00	-	32.5	11.5	1.0	14.7	116	161	A5	13261	10196	12743	9480	13261	10196	9072	8565	15399	
300-15 (315/70-15)	18	Solideal Ecomatic	ED	TR78A	180-15 HD	8.00	-	32.5	11.5	0.9	14.5	116	161	A5	13261	10196	12743	9480	13261	10196	9072	8565	15399	
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	11354	14198	10560	14760	11354	10108	9535	17141	
32x12.1-15	24	Solideal Hauler	LT	TR78A	260-15	9.75	-	31.7	12.4	1.1	13.9	145	170	A5	17196	13228	16535	12302	17196	13228	11773	11111	19974	
315/85-15	20	Solideal Hauler	LT	TR78A	180-15 HD	7.50	-	35.7	11.4	1.0	15.6	138	172	A5	18056	13889	17361	12853	18056	13889	12357	11662	20977	

Blue sections represent wheel diameter

TREAD PATTERNS



LT ED PLUS 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 SIZE¹		ACTUAL TIRE DIMENSIONS				INFLATION PRESSURE (PSI)	LOAD INDEX & SPEED SYMBOL	LOAD CAPACITY (lbs)²										Static
						Recommended	Alternative	Overall diameter (inch)	Overall width (inch)	Original tread depth (inch)	Static loaded radius (inch)			Counterbalanced lift trucks				Other vehicles³ at maximum speed						
														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								
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	7385	5677	7099	5280	7385	5677	5049	4773	8576	
7.00-15	14	Solideal ED Plus	ED PLUS	TR75A	180-15	5.50	5.00	30.0	8.0	0.7	13.5	131	141	A5	7385	5677	7099	5280	7385	5677	5049	4773	8576	
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	7385	5677	7099	5280	7385	5677	5049	4773	8576	
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	6173	7716	5743	8025	6173	5489	5181	9325	
7.50-15	14	Solideal ED Plus	ED PLUS	TR75A	180-15	6.00	5.50/6.50	30.9	8.3	0.8	14.1	134	144	A5	8025	6173	7716	5743	8025	6173	5489	5181	9325	
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	6173	7716	5743	8025	6173	5489	5181	9325	
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	9314	7165	8962	6669	9314	7165	6382	6019	10825	
8.25-15 (7.50-15(32))	14	Solideal ED Plus	ED PLUS	TR77A	180-15	6.50	6.00/7.00	33.2	9.1	0.7	15.0	116	149	A5	9314	7165	8962	6669	9314	7165	6382	6019	10825	
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	9314	7165	8962	6669	9314	7165	6382	6019	10825	
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	10174	7826	9788	7275	10174	7826	6967	6570	11817	
8.25-15 (7.50-15(32))	16	Solideal ED Plus	ED PLUS	TR77A	180-15	6.50	6.00/7.00	33.3	9.9	0.7	15.0	134	152	A5	10174	7826	9788	7275	10174	7826	6967	6570	11817	
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	10174	7826	9788	7275	10174	7826	6967	6570	11817	
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	10461	8047	10064	7485	10461	8047	7187	6757	12147	
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	6173	7716	5743	8025	6173	5489	5181	9325	
16.5"																								
8.00-16.5	8	Solideal	ZZRIB	TBLS	-	6.00	6.75	29.2	8.2	0.6	13.4	81	115	A5	3494	2690	3362	2502	3494	2690	2392	2260	4056	
20"																								
9.00-20	14	Solideal ED Plus	ED PLUS	V3-02-14	200-20	7.00	6.50/7.50	41.2	11.3	0.9	18.7	131	160	A5	12897	9921	12401	9226	12897	9921	8829	8333	14980	
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	12897	9921	12401	9226	12897	9921	8829	8333	14980	
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	11023	13779	10251	14330	11023	9810	9259	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	11023	13779	10251	14330	11023	9810	9259	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	11023	13779	10251	14330	11023	9810	9259	16645	
10.00-20	16	Solideal ED Plus	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	11023	13779	10251	14330	11023	9810	9259	16645	
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	11023	13779	10251	14330	11023	9810	9259	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	12015	15024	11177	15620	12015	10692	10097	18144	
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	17196	13228	16535	12302	17196	13228	11773	11111	19974	

Blue sections represent wheel diameter

TREAD PATTERNS



LT ED PLUS 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							
						Load wheel	Steering wheel	Load wheel	Steering wheel	6 mph	16 mph			25 mph	30 mph	0 mph							
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	176	A5	20350	15650	19565	14485	20350	15650	13935	13150	23635
12.00-20	20	Solideal Hauler	SM	V3-02-14	200-20	8.50	8.00/9.00	45.1	12.6	-	20.8	145	176	A5	20350	15650	19565	14485	20350	15650	13935	13150	23635
12.00-20	20	Solideal Hauler	HA-TR	V3-02-14	200-20	8.50	8.00/9.00	44.6	12.6	1.4	20.6	145	176	A5	20350	15650	19565	14485	20350	15650	13935	13150	23635
12.00-20	20	Hauler Portmaster	HD	V3-02-14	200-20	8.50	8.00/9.00	45.0	12.6	2.2	20.3	145	176	A5	20350	15650	19565	14485	20350	15650	13935	13150	23635
12.00-20	20	Solideal ED Plus	ED PLUS	V3-02-14	200-20	8.50	8.00/9.00	44.6	13.0	1.3	20.2	145	176	A5	20350	15650	19565	14485	20350	15650	13935	13150	23635
12.00-20	28	Solideal Hauler	LT	V3-02-14	200-20	8.50	8.00/9.00	45.3	12.7	1.4	20.6	145	176	A5	20350	15650	19565	14485	20350	15650	13935	13150	23635
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	176	A5	20350	15650	19565	14485	20350	15650	13935	13150	23635
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	27227	20944	26180	19378	27227	20944	18640	17593	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	34822	26786	33488	24912	34822	26786	23843	22498	40443
18.00-25	40	Solideal Hauler	LT	TBLS	-	13.00/2.5	15.00/2.5	63.3	19.0	2.6	28.1	145	207	A5	50155	38581	48226	35692	50155	38581	34337	32408	58257

Blue sections represent wheel diameter

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 ED PLUS ED SM HA-TR HD RIBLUG RIB ZZ RIB

camso.co



FORMERLY
CAMOPLAST
SOLIDEAL