



Industrial pneumatic tires

Technical data



solideal

HI-PERFORMANCE TIRES

Industrial pneumatic tires

Technical data



TIRE SIZE	PR	BRAND / PRODUCT NAME	TREAD PATTERN	TUBE* & VALVE**	FLAP	RIM SIZE ⁽¹⁾		ACTUAL TIRE DIMENSIONS				INFLATION PRESSURE (bar)	LOAD INDEX & SPEED SYMBOL	LOAD CAPACITY (KG) ⁽²⁾									
						Recommended	Alternative	Overall diameter (mm)	Overall width (mm)	Original tread depth (mm)	Static loaded radius (mm)			Counterbalanced lift trucks				Other vehicles ⁽³⁾ at maximum speed				Static 0 km/h	
														Up to 25 km/h	Up to 35 km/h	10 km/h	25 km/h	40 km/h	50 km/h				
8"																							
4.00-8 (4.80-8)	6	Solideal Ecomatic	ED	JS2	90-8	3.25I	3.00D	422	115	12	196	8,00	90	A5	780	600	750	560	780	600	535	505	905
4.00-8 (4.80-8)	8	Solideal	RIB	JS2	90-8	3.25I	3.00D	425	114	7	194	9,00	94	A5	870	670	840	625	870	670	595	565	1010
4.00-8 (4.80-8)	8	Solideal Ecomatic	ED	JS2	90-8	3.25I	3.00D	422	115	12	196	9,00	94	A5	870	670	840	625	870	670	595	565	1010
4.00-8 (4.80-8)	10	Solideal Ecomatic	ED	JS2	90-8	3.25I	3.00D	422	115	12	196	10,00	97	A5	950	730	915	680	950	730	650	615	1100
5.00-8 (5.70-8)	8	Solideal ED Plus	ED PLUS	JS2	90-8	3.00D	3.25I/3.75I	467	132	14	210	8,25	106	A5	1235	950	1190	885	1235	950	845	800	1435
5.00-8 (5.70-8)	8	Solideal Ecomatic	ED	JS2	90-8	3.00D	3.25I/3.75I	462	128	14	213	8,25	106	A5	1235	950	1190	885	1235	950	845	800	1435
5.00-8 (5.70-8)	10	Solideal Hauler	LT	JS2	90-8	3.00D	3.25I/3.75I	460	132	14	209	10,00	111	A5	1415	1090	1365	1015	1415	1090	970	915	1645
5.00-8 (5.70-8)	10	Solideal ED Plus	ED PLUS	JS2	90-8	3.00D	3.25I/3.75I	464	132	14	209	10,00	111	A5	1415	1090	1365	1015	1415	1090	970	915	1645
5.00-8 (5.70-8)	10	Solideal	RIB LUG	JS2	90-8	3.00D	3.25I/3.75I	470	131	9	212	10,00	111	A5	1415	1090	1365	1015	1415	1090	970	915	1645
15x4 1/2-8 (125/75-8)	12	Solideal	RIB LUG	JS2	90-8	3.00D-8	3.25I-8	382	113	9	174	10,00	100	A5	1040	800	1000	745	1040	800	710	670	1210
16x6-8 (150/75-8)	10	Solideal	RIB LUG	V3-02-05	130-8	4.33R	-	426	136	9	193	8,00	107	A5	1270	975	1220	905	1270	975	870	820	1470
16x6-8 (150/75-8)	14	Solideal Hauler	LT	V3-02-05	130-8	4.33R	-	421	147	12	190	8,50	111	A5	1415	1090	1365	1015	1415	1090	970	915	1645
16x6-8 (150/75-8)	14	Solideal ED Plus	ED PLUS	V3-02-05	130-8	4.33R	-	420	147	13	191	8,50	111	A5	1415	1090	1365	1015	1415	1090	970	915	1645
16x6-8 (150/75-8)	16	Solideal Hauler	LT	V3-02-05	130-8	4.33R	-	421	147	12	190	9,00	115	A5	1580	1215	1520	1130	1580	1215	1080	1020	1835
18x7-8 (180/70-8)	8	Solideal Hauler	LT	V3-02-05	130-8	4.33R	5.00F	472	164	18	213	7,00	111	A5	1415	1090	1365	1015	1415	1090	970	915	1645
18x7-8 (180/70-8)	10	Solideal Hauler	LT	V3-02-05	130-8	4.33R	5.00F	472	164	18	213	8,00	116	A5	1625	1250	1565	1165	1625	1250	1115	1050	1890
18x7-8 (180/70-8)	14	Solideal Hauler	LT	V3-02-05	130-8	4.33R	5.00F	472	164	18	210	9,00	121	A5	1885	1450	1815	1350	1885	1450	1290	1220	2190
18x7-8 (180/70-8)	14	Solideal	RIB LUG	V3-02-05	130-8	4.33R	5.00F	464	155	9	211	9,00	121	A5	1885	1450	1815	1350	1885	1450	1290	1220	2190
18x7-8 (180/70-8)	14	Solideal Ecomatic	ED	V3-02-05	130-8	4.33R	5.00F	459	160	14	211	9,00	121	A5	1885	1450	1815	1350	1885	1450	1290	1220	2190
18x7-8 (180/70-8)	14	Solideal ED Plus	ED PLUS	V3-02-05	130-8	4.33R	5.00F	453	157	16	427	9,00	121	A5	1885	1450	1815	1350	1885	1450	1290	1220	2190
18x7-8 (180/70-8)	16	Solideal Hauler	LT	V3-02-05	130-8	4.33R	5.00F	472	164	18	210	10,00	125	A5	2145	1650	2065	1535	2145	1650	1470	1385	2490
18x7-8 (180/70-8)	16	Solideal ED Plus	ED PLUS	V3-02-05	130-8	4.33R	5.00F	459	157	16	207	10,00	125	A5	2145	1650	2065	1535	2145	1650	1470	1385	2490
18x7-8 (180/70-8)	16	Solideal Ecomatic	ED	V3-02-05	130-8	4.33R	5.00F	459	152	15	202	10,00	125	A5	2145	1650	2065	1535	2145	1650	1470	1385	2490
18x7-8 (180/70-8)	18	Solideal Hauler	LT	V3-02-05	130-8	4.33R	5.00F	472	164	18	215	10,50	129	A5	2405	1850	2315	1720	2405	1850	1645	1555	2795

Industrial pneumatic tires

Technical data



TIRE SIZE	PR	BRAND / PRODUCT NAME	TREAD PATTERN	TUBE* & VALVE**	FLAP	RIM SIZE ⁽¹⁾		ACTUAL TIRE DIMENSIONS				INFLATION PRESSURE (bar)	LOAD INDEX & SPEED SYMBOL	LOAD CAPACITY (KG) ⁽²⁾									
						Recommended	Alternative	Overall diameter (mm)	Overall width (mm)	Original tread depth (mm)	Static loaded radius (mm)			Counterbalanced lift trucks				Other vehicles ⁽³⁾ at maximum speed				Static 0 km/h	
														Up to 25 km/h	Up to 35 km/h	10 km/h	25 km/h	40 km/h	50 km/h				
9"																							
6.00-9	10	Solideal Hauler	LT	JS2	125-9	4.00E	-	536	168	16	243	8,50	118	A5	1715	1320	1650	1230	1715	1320	1175	1110	1995
6.00-9	10	Solideal ED Plus	ED PLUS	JS2	125-9	4.00E	-	526	151	14	237	8,50	118	A5	1715	1320	1650	1230	1715	1320	1175	1110	1995
6.00-9 (6.90-9)	10	Solideal	RIB LUG	JS2	125-9	4.00E	-	540	158	10	240	8,50	118	A5	1715	1320	1650	1230	1715	1320	1175	1110	1995
6.00-9 (6.90-9)	10	Solideal	ZZRIB	JS2	125-9	4.00E	-	552	156	17	250	8,50	118	A5	1715	1320	1650	1230	1715	1320	1175	1110	1995
6.00-9	10	Solideal Ecomatic	ED	JS2	125-9	4.00E	-	526	134	14	242	8,50	118	A5	1715	1320	1650	1230	1715	1320	1175	1110	1995
6.00-9	12	Solideal Hauler	LT	JS2	125-9	4.00E	-	544	166	16	245	10,00	121	A5	1885	1450	1815	1350	1885	1450	1290	1220	2190
6.00-9	12	Solideal ED Plus	ED PLUS	JS2	125-9	4.00E	-	536	163	14	241	10,00	121	A5	1885	1450	1815	1350	1885	1450	1290	1220	2190
6.00-9	12	Solideal Ecomatic	ED	JS2	125-9	4.00E	-	535	150	13	246	10,00	121	A5	1885	1450	1815	1350	1885	1450	1290	1220	2190
21x8-9 (200/75-9)	14	Solideal ED Plus	ED PLUS	JS2	180-9	6.00E	7.00E	530	202	20	238	9,00	131	A5	2535	1950	2440	1815	2535	1950	1735	1640	2945
21x8-9 (200/75-9)	14	Solideal	RIB LUG	JS2	180-9	6.00E	7.00E	528	197	10	232	9,00	131	A5	2535	1950	2440	1815	2535	1950	1735	1640	2945
21x8-9 (200/75-9)	14	Solideal Ecomatic	ED	JS2	180-9	6.00E	7.00E	539	195	20	247	9,00	131	A5	2535	1950	2440	1815	2535	1950	1735	1640	2945
21x8-9 (200/75-9)	16	Solideal Hauler	LT	JS2	180-9	6.00E	7.00E	546	198	19	240	10,00	134	A5	2755	2120	2650	1970	2755	2120	1885	1780	3200
21x8-9 (200/75-9)	16	Solideal ED Plus	ED PLUS	JS2	180-9	6.00E	7.00E	535	202	20	241	10,00	134	A5	2755	2120	2650	1970	2755	2120	1885	1780	3200
10"																							
6.50-10	10	Solideal Hauler	LT	JS2	140-10	5.00F	5.50F	592	183	16	271	7,75	122	A5	1950	1500	1875	1395	1950	1500	1335	1260	2265
6.50-10	10	Solideal ED Plus	ED PLUS	JS2	140-10	5.00F	5.50F	587	170	15	264	7,75	122	A5	1950	1500	1875	1395	1950	1500	1335	1260	2265
6.50-10	10	Solideal	RIB LUG	JS2	140-10	5.00F	5.50F	586	174	10	263	7,75	122	A5	1950	1500	1875	1395	1950	1500	1335	1260	2265
6.50-10	10	Solideal	ZZRIB	JS2	140-10	5.00F	5.50F	584	171	18	262	7,75	122	A5	1950	1500	1875	1395	1950	1500	1335	1260	2265
6.50-10	10	Solideal Ecomatic	ED	JS2	140-10	5.00F	5.50F	587	170	15	263	7,75	122	A5	1950	1500	1875	1395	1950	1500	1335	1260	2265
6.50-10	12	Solideal Hauler	LT	JS2	140-10	5.00F	5.50F	595	181	16	272	9,00	125	A5	2145	1650	2065	1535	2145	1650	1470	1385	2490
6.50-10	12	Solideal ED Plus	ED PLUS	JS2	140-10	5.00F	5.50F	588	185	15	265	9,00	125	A5	2145	1650	2065	1535	2145	1650	1470	1385	2490
6.50-10	12	Solideal Ecomatic	ED	JS2	140-10	5.00F	5.50F	584	170	15	261	9,00	125	A5	2145	1650	2065	1535	2145	1650	1470	1385	2490
6.50-10	14	Solideal Hauler	LT	JS2	140-10	5.00F	5.50F	595	180	16	268	10,00	128	A5	2340	1800	2250	1675	2340	1800	1600	1510	2720
6.50-10	14	Solideal ED Plus	ED PLUS	JS2	140-10	5.00F	5.50F	590	185	15	266	10,00	128	A5	2340	1800	2250	1675	2340	1800	1600	1510	2720

Tread patterns



LT ED PLUS ED SM HA-TR HD RIBLUG RIB ZZRIB

Industrial pneumatic tires

Technical data



TIRE SIZE	PR	BRAND / PRODUCT NAME	TREAD PATTERN	TUBE* & VALVE**	FLAP	RIM SIZE ⁽¹⁾		ACTUAL TIRE DIMENSIONS				INFLATION PRESSURE (bar)	LOAD INDEX & SPEED SYMBOL	LOAD CAPACITY (KG) ⁽²⁾									
						Recommended	Alternative	Overall diameter (mm)	Overall width (mm)	Original tread depth (mm)	Static loaded radius (mm)			Counterbalanced lift trucks				Other vehicles ⁽³⁾ at maximum speed				Static 0 km/h	
														Up to 25 km/h		Up to 35 km/h		10 km/h		25 km/h			40 km/h
						Load wheel	Steering wheel	Load wheel	Steering wheel	10 km/h	25 km/h			40 km/h	50 km/h	10 km/h	25 km/h	40 km/h	50 km/h				
6.50-10	14	Solideal Ecomatic	ED	JS2	140-10	5.00F	5.50F	586	173	15	270	10,00	128	A5	2340	1800	2250	1675	2340	1800	1600	1510	2720
7.50-10	12	Solideal Ecomatic	ED	JS2	140-10	5.50F	5.00F	633	202	18	282	8,00	133	A5	2680	2060	2575	1915	2680	2060	1835	1730	3110
7.50-10	16	Solideal Ecomatic	ED	JS2	140-10	5.50F	5.00F	633	202	18	282	10,00	138	A5	3070	2360	2950	2195	3070	2360	2100	1980	3565
23x9-10 (225/75-10)	14	Solideal Ecomatic	ED	JS2	180-10	6.50F	-	577	219	20	251	7,00	134	A5	2755	2120	2650	1970	2755	2120	1885	1780	3200
23x9-10 (225/75-10)	16	Solideal ED Plus	ED PLUS	JS2	180-10	6.50F	-	585	229	20	259	8,00	137	A5	2990	2300	2875	2140	2990	2300	2045	1930	3475
23x9-10 (225/75-10)	16	Solideal	RIB LUG	JS2	180-10	6.50F	-	598	217	12	271	8,00	137	A5	2990	2300	2875	2140	2990	2300	2045	1930	3475
23x9-10 (225/75-10)	16	Solideal Ecomatic	ED	JS2	180-10	6.50F	-	573	219	20	254	8,00	137	A5	2990	2300	2875	2140	2990	2300	2045	1930	3475
23x9-10 (225/75-10)	18	Solideal Hauler	LT	JS2	180-10	6.50F	-	579	235	15	268	9,00	139	A5	3160	2430	3040	2260	3160	2430	2165	2040	3670
23x9-10 (225/75-10)	18	Solideal ED Plus	ED PLUS	JS2	180-10	6.50F	-	580	232	20	261	9,00	139	A5	3160	2430	3040	2260	3160	2430	2165	2040	3670
23x9-10 (225/75-10)	18	Solideal Ecomatic	ED	JS2	180-10	6.50F	-	570	212	20	263	9,00	139	A5	3160	2430	3040	2260	3160	2430	2165	2040	3670
23x9-10 (225/75-10)	20	Solideal Hauler	LT	JS2	180-10	6.50F	-	579	235	15	261	10,00	142	A5	3445	2650	3315	2465	3445	2650	2360	2225	4000
12"																							
23x10-12 (250/55-12)	14	Solideal Ecomatic	ED	JS2	210-12	8.00G	-	590	237	12	264	8,25	140	A5	3250	2500	3125	2325	3250	2500	2225	2100	3775
23x10-12 (250/55-12)	16	Solideal Hauler	LT	JS2	210-12	8.00G	-	604	247	18	274	9,75	143	A5	3535	2725	3405	2535	3535	2720	2425	2290	4105
23x10-12 (250/55-12)	16	Solideal ED Plus	ED PLUS	JS2	210-12	8.00G	-	591	239	14	270	9,75	143	A5	3535	2725	3405	2535	3535	2720	2425	2290	4105
27x10-12 (250/75-12)	14	Solideal Hauler	LT	V3-02-05	210-12	8.00G	-	679	251	22	303	7,00	143	A5	3545	2725	3405	2535	3545	2725	2425	2290	4115
27x10-12 (250/75-12)	16	Solideal Hauler	LT	V3-02-05	210-12	8.00G	-	679	250	22	305	8,00	146	A5	3900	3000	3750	2790	3900	3000	2670	2520	4530
27x10-12 (250/75-12)	16	Solideal ED Plus	ED PLUS	V3-02-05	210-12	8.00G	-	683	252	19	308	8,00	146	A5	3900	3000	3750	2790	3900	3000	2670	2520	4530
27x10-12 (250/75-12)	16	Solideal Ecomatic	ED	V3-02-05	210-12	8.00G	-	678	261	19	313	8,00	146	A5	3900	3000	3750	2790	3900	3000	2670	2520	4530
27x10-12 (250/75-12)	20	Solideal Hauler	LT	V3-02-05	210-12	8.00G	-	674	249	22	305	9,00	152	A5	4615	3550	4440	3300	4615	3550	3160	2980	5360
27x10-12 (250/75-12)	20	Solideal ED Plus	ED PLUS	V3-02-05	210-12	8.00G	-	683	252	19	308	9,00	152	A5	4615	3550	4440	3300	4615	3550	3160	2980	5360
27x10-12 (250/75-12)	24	Solideal Hauler	LT	V3-02-05	210-12	8.00G	-	674	249	22	305	9,00	152	A5	5525	4250	5315	3955	5525	4250	3785	3570	6420
7.00-12	10	Solideal Hauler	LT	TR75A	135-12	5.00S	-	680	194	17	309	8,00	132	A5	2600	2000	2500	1860	2600	2000	1780	1680	3020
7.00-12	12	Solideal Hauler	LT	TR75A	135-12	5.00S	-	680	194	17	311	8,50	133	A5	2680	2060	2575	1915	2680	2060	1835	1730	3110
7.00-12	12	Solideal ED Plus	ED PLUS	TR75A	135-12	5.00S	-	675	194	16	305	8,50	133	A5	2680	2060	2575	1915	2680	2060	1835	1730	3110

Tread patterns



LT

ED PLUS

ED

SM

HA-TR

HD

RIBLUG

RIB

ZZRIB

Industrial pneumatic tires

Technical data



TIRE SIZE	PR	BRAND / PRODUCT NAME	TREAD PATTERN	TUBE* & VALVE**	FLAP	RIM SIZE ⁽¹⁾		ACTUAL TIRE DIMENSIONS				INFLATION PRESSURE (bar)	LOAD INDEX & SPEED SYMBOL	LOAD CAPACITY (KG) ⁽²⁾									
						Recommended	Alternative	Overall diameter (mm)	Overall width (mm)	Original tread depth (mm)	Static loaded radius (mm)			Counterbalanced lift trucks				Other vehicles ⁽³⁾ at maximum speed				Static 0 km/h	
														Up to 25 km/h	Up to 35 km/h	10 km/h	25 km/h	40 km/h	50 km/h				
7.00-12	12	Solideal Ecomatic	ED	TR75A	135-12	5.00S	-	683	182	16	315	8,50	133	A5	2680	2060	2575	1915	2680	2060	1835	1730	3110
7.00-12	14	Solideal Hauler	LT	TR75A	135-12	5.00S	-	680	195	17	310	9,00	134	A5	2755	2120	2650	1970	2755	2120	1885	1780	3200
7.00-12	14	Solideal ED Plus	ED PLUS	TR75A	135-12	5.00S	-	678	184	16	306	9,00	134	A5	2755	2120	2650	1970	2755	2120	1885	1780	3200
7.00-12	14	Solideal Ecomatic	ED	TR75A	135-12	5.00S	-	681	183	16	314	9,00	134	A5	2755	2120	2650	1970	2755	2120	1885	1780	3200
7.00-12	16	Solideal Hauler	LT	TR75A	135-12	5.00S	-	684	195	18	310	10,00	136	A5	2910	2240	2800	2085	2910	2240	1995	1880	3380
13"																							
23x5	8	Solideal Ecomatic	ED	JS2	130-13	3.75P-13	-	635	144	20	281	6,50	118	A5	1715	1320	1650	1230	1715	1320	1175	1110	1995
23x5	10	Solideal Ecomatic	ED	JS2	130-13	3.75P-13	-	635	144	20	281	7,75	122	A5	1935	1500	1875	1395	1935	1490	1335	1260	2250
15"																							
28x12.5-15 (355/45-15)	24	Solideal Hauler	LT	V3-02-10	260-15	9.75	-	696	291	17	315	10,00	161	A5	6015	4625	5780	4300	6015	4625	4115	3885	6985
28x9-15 (8.15-15 & 225/75-15)	12	Solideal ED Plus	ED PLUS	V3-02-08	180-15 HD	7.00	-	720	224	20	330	8,25	142	A5	3445	2650	3315	2465	3445	2650	2360	2225	4000
28x9-15 (8.15-15 & 225/75-15)	12	Solideal Ecomatic	ED	V3-02-08	180-15 HD	7.00	-	720	204	20	322	8,25	142	A5	3445	2650	3315	2465	3445	2650	2360	2225	4000
28x9-15 (8.15-15 & 225/75-15)	14	Solideal Hauler	LT	V3-02-08	180-15 HD	7.00	-	705	218	17	322	9,00	145	A5	3770	2900	3625	2695	3770	2900	2580	2435	4380
28x9-15 (8.15-15 & 225/75-15)	14	Solideal ED Plus	ED PLUS	V3-02-08	180-15 HD	7.00	-	714	223	20	321	9,00	145	A5	3770	2900	3625	2695	3770	2900	2580	2435	4380
28x9-15 (8.15-15 & 225/75-15)	14	Solideal Ecomatic	ED	V3-02-08	180-15 HD	7.00	-	719	216	19	325	9,00	145	A5	3770	2900	3625	2695	3770	2900	2580	2435	4380
28x9-15 (8.15-15 & 225/75-15)	16	Solideal Hauler	LT	V3-02-08	180-15 HD	7.00	-	705	218	17	324	9,75	148	A5	4095	3150	3940	2930	4095	3150	2805	2645	4755
28x9-15 (8.15-15 & 225/75-15)	16	Solideal ED Plus	ED PLUS	V3-02-08	180-15 HD	7.00	-	714	223	20	328	9,75	148	A5	4095	3150	3940	2930	4095	3150	2805	2645	4755
28x9-15 (8.15-15 & 225/75-15)	16	Solideal	RIB LUG	V3-02-08	180-15 HD	7.00	-	718	213	13	329	9,75	148	A5	4095	3150	3940	2930	4095	3150	2805	2645	4755
250-15 (250/70-15)	16	Solideal ED Plus	ED PLUS	TR77A	180-15 HD	7.50	7.00	732	234	21	335	8,25	150	A5	4355	3350	4190	3115	4355	3350	2980	2815	5060
250-15 (250/70-15)	16	Solideal Hauler	LT	TR77A	180-15 HD	7.50	7.00	743	226	19	337	8,25	150	A5	4355	3350	4190	3115	4355	3350	2980	2815	5060
250-15 (250/70-15)	16	Solideal Ecomatic	ED	TR77A	180-15 HD	7.50	7.00	746	226	22	332	8,25	150	A5	4355	3350	4190	3115	4355	3350	2980	2815	5060
250-15 (250/70-15)	18	Solideal ED Plus	ED PLUS	TR77A	180-15 HD	7.50	7.00	735	231	21	336	9,50	153	A5	4745	3650	4565	3395	4745	3650	3250	3065	5510
250-15 (250/70-15)	20	Solideal Hauler	LT	TR77A	180-15 HD	7.50	7.00	733	231	23	337	10,50	156	A5	5200	4000	5000	3720	5200	4000	3560	3360	6040
300-15 (315/70-15)	18	Solideal Hauler	LT	TR78A	180-15 HD	8.00	-	850	278	25	384	8,00	161	A5	6015	4625	5780	4300	6015	4625	4115	3885	6985
300-15 (315/70-15)	18	Solideal ED Plus	ED PLUS	TR78A	180-15 HD	8.00	-	825	292	26	373	8,00	161	A5	6015	4625	5780	4300	6015	4625	4115	3885	6985

Tread patterns



LT ED PLUS ED SM HA-TR HD RIBLUG RIB ZZRIB

Industrial pneumatic tires

Technical data



TIRE SIZE	PR	BRAND / PRODUCT NAME	TREAD PATTERN	TUBE* & VALVE**	FLAP	RIM SIZE ⁽¹⁾		ACTUAL TIRE DIMENSIONS				INFLATION PRESSURE (bar)	LOAD INDEX & SPEED SYMBOL	LOAD CAPACITY (KG) ⁽²⁾									
						Recommended	Alternative	Overall diameter (mm)	Overall width (mm)	Original tread depth (mm)	Static loaded radius (mm)			Counterbalanced lift trucks				Other vehicles ⁽³⁾ at maximum speed				Static 0 km/h	
														Up to 25 km/h		Up to 35 km/h		10 km/h		25 km/h			40 km/h
						Load wheel	Steering wheel	Load wheel	Steering wheel	10 km/h	25 km/h			40 km/h	50 km/h	10 km/h	25 km/h	40 km/h	50 km/h				
300-15 (315/70-15)	18	Solideal Ecomatic	ED	TR78A	180-15 HD	8.00	-	825	292	24	368	8,00	161	A5	6015	4625	5780	4300	6015	4625	4115	3885	6985
300-15 (315/70-15)	20	Solideal Hauler	LT	TR78A	180-15 HD	8.00	-	834	282	26	375	9,50	163	A5	6340	4875	6095	4535	6340	4875	4340	4095	7360
300-15 (315/70-15)	22	Solideal Hauler	LT	TR78A	180-15 HD	8.00	-	834	282	26	377	9,50	163	A5	6695	5150	6440	4790	6695	5150	4585	4325	7775
32x12.1-15	24	Solideal Hauler	LT	TR78A	260-15	9.75	-	806	314	28	353	10,00	170	A5	7800	6000	7500	5580	7800	6000	5340	5040	9060
315/85-15	20	Solideal Hauler	LT	TR78A	180-15 HD	7.50	-	908	290	26	397	9,50	172	A5	8190	6300	7875	5830	8190	6300	5605	5290	9515
7.00-15	12	Solideal ED Plus	ED PLUS	TR75A	180-15	5.50	5.00	754	185	17	344	8,25	138	A5	3070	2360	2950	2195	3070	2360	2100	1980	3565
7.00-15	12	Solideal Ecomatic	ED	TR75A	180-15	5.50	5.00	754	185	17	344	8,25	138	A5	3070	2360	2950	2195	3070	2360	2100	1980	3565
7.00-15	14	Solideal Hauler	LT	TR75A	180-15	5.50	5.00	734	190	22	334	9,00	141	A5	3350	2575	3220	2395	3350	2575	2290	2165	3890
7.00-15	14	Solideal ED Plus	ED PLUS	TR75A	180-15	5.50	5.00	762	202	17	344	9,00	141	A5	3350	2575	3220	2395	3350	2575	2290	2165	3890
7.00-15	14	Solideal Ecomatic	ED	TR75A	180-15	5.50	5.00	762	193	18	344	9,00	141	A5	3350	2575	3220	2395	3350	2575	2290	2165	3890
7.50-15	14	Solideal Hauler	LT	TR75A	180-15	6.00	5.50/6.50	781	212	20	356	9,25	144	A5	3640	2800	3500	2605	3640	2800	2490	2350	4230
7.50-15	14	Solideal ED Plus	ED PLUS	TR75A	180-15	6.00	5.50/6.50	784	212	20	357	9,25	144	A5	3640	2800	3500	2605	3640	2800	2490	2350	4230
7.50-15	14	Solideal Ecomatic	ED	TR75A	180-15	6.00	5.50/6.50	786	195	22	365	9,25	144	A5	3640	2800	3500	2605	3640	2800	2490	2350	4230
8.25-15 (7.50-15(32))	12	Solideal Ecomatic	ED	TR77A	180-15	6.50	6.00/7.00	852	232	19	393	7,00	146	A5	3900	3000	3750	2790	3900	3000	2670	2520	4530
8.25-15 (7.50-15(32))	14	Solideal Hauler	LT	TR77A	180-15	6.50	6.00/7.00	841	246	19	380	8,00	149	A5	4225	3250	4065	3025	4225	3250	2895	2730	4910
8.25-15 (7.50-15(32))	14	Solideal ED Plus	ED PLUS	TR77A	180-15	6.50	6.00/7.00	844	232	19	381	8,00	149	A5	4225	3250	4065	3025	4225	3250	2895	2730	4910
8.25-15 (7.50-15(32))	14	Solideal Ecomatic	ED	TR77A	180-15	6.50	6.00/7.00	844	232	20	390	8,00	149	A5	4225	3250	4065	3025	4225	3250	2895	2730	4910
8.25-15 (7.50-15(32))	16	Solideal Hauler	LT	TR77A	180-15	6.50	6.00/7.00	841	246	23	380	9,25	152	A5	4615	3550	4440	3300	4615	3550	3160	2980	5360
8.25-15 (7.50-15(32))	16	Solideal Hauler	SM	TR77A	180-15	6.50	6.00/7.00	841	246	-	380	9,25	152	A5	4615	3550	4440	3300	4615	3550	3160	2980	5360
8.25-15 (7.50-15(32))	16	Solideal ED Plus	ED PLUS	TR77A	180-15	6.50	6.00/7.00	845	252	19	380	9,25	152	A5	4615	3550	4440	3300	4615	3550	3160	2980	5360
8.25-15 (7.50-15(32))	16	Solideal Ecomatic	ED	TR77A	180-15	6.50	6.00/7.00	843	232	20	389	9,25	152	A5	4615	3550	4440	3300	4615	3550	3160	2980	5360
8.25-15 (7.50-15(32))	18	Solideal Hauler	LT	TR77A	180-15	6.50	6.00/7.00	841	246	19	381	9,25	152	A5	4745	3650	4565	3395	4745	3650	3260	3065	5510
8.25-15 (7.50-15(32))	20	Solideal Hauler	SM	TR77A	180-15	6.50	6.00/7.00	841	246	-	380	9,25	152	A5	4875	3750	4690	3490	4875	3750	3340	3150	5665
16"																							
7.50-16	12	Solideal Ecomatic	ED	TR75A	180-16	6.00	5.00/5.50	804	194	22	374	8,00	144	A5	3640	2800	3500	2605	3640	2800	2490	2350	4230

Tread patterns



LT

ED PLUS

ED

SM

HA-TR

HD

RIBLUG

RIB

ZZRIB

Industrial pneumatic tires

Technical data



TIRE SIZE	PR	BRAND / PRODUCT NAME	TREAD PATTERN	TUBE* & VALVE**	FLAP	RIM SIZE ⁽¹⁾		ACTUAL TIRE DIMENSIONS				INFLATION PRESSURE (bar)	LOAD INDEX & SPEED SYMBOL	LOAD CAPACITY (KG) ⁽²⁾									
						Recommended	Alternative	Overall diameter (mm)	Overall width (mm)	Original tread depth (mm)	Static loaded radius (mm)			Counterbalanced lift trucks				Other vehicles ⁽³⁾ at maximum speed				Static 0 km/h	
														Up to 25 km/h	Up to 35 km/h	10 km/h	25 km/h	40 km/h	50 km/h				
														Load wheel	Steering wheel	Load wheel	Steering wheel						
16.5"																							
8.00-16.5	8	Solideal	ZZRIB	TBLS	-	6.00	6.75	741	208	14	341	5,60	115	A5	1585	1220	1525	1135	1585	1220	1085	1025	1840
20"																							
9.00-20	14	Solideal ED Plus	ED PLUS	V3-02-14	200-20	7.00	6.50/7.50	1046	286	23	476	9,00	160	A5	5850	4500	5625	4185	5850	4500	4005	3780	6795
9.00-20	14	Solideal Ecomatic	ED	V3-02-14	200-20	7.00	6.50/7.50	1029	269	20	462	9,00	160	A5	5850	4500	5625	4185	5850	4500	4005	3780	6795
10.00-20	16	Solideal Hauler	LT	V3-02-14	200-20	7.50	7.00/8.00	1088	283	30	496	9,00	164	A5	6500	5000	6250	4650	6500	5000	4450	4200	7550
10.00-20	16	Solideal Hauler	SM	V3-02-14	200-20	7.50	7.00/8.00	1085	288	-	499	9,00	164	A5	6500	5000	6250	4650	6500	5000	4450	4200	7550
10.00-20	16	Solideal Hauler	HA-TR	V3-02-14	200-20	7.50	7.00/8.00	1085	288	30	498	9,00	164	A5	6500	5000	6250	4650	6500	5000	4450	4200	7550
10.00-20	16	Solideal ED Plus	ED PLUS	V3-02-14	200-20	7.50	7.00/8.00	1060	284	21	481	9,00	164	A5	6500	5000	6250	4650	6500	5000	4450	4200	7550
10.00-20	16	Solideal Ecomatic	ED	V3-02-14	200-20	7.50	7.00/8.00	1059	275	20	478	9,00	164	A5	6500	5000	6250	4650	6500	5000	4450	4200	7550
10.00-20	18	Solideal Hauler	LT	V3-02-14	200-20	7.50	7.00/8.00	1804	292	32	788	10,00	166	A5	6890	5300	6625	4930	6890	5300	4715	4450	8005
11.00-20	16	Solideal Hauler	LT	V3-02-14	200-20	8.00	7.50/8.50	1089	302	32	507	9,00	167	A5	7085	5450	6815	5070	7085	5450	4850	4580	8230
11.00-20	18	Solideal Hauler	LT	V3-02-14	200-20	8.00	7.50/8.50	1089	302	32	495	10,00	170	A5	7800	6000	7500	5580	7800	6000	5340	5040	9060
12.00-20	18	Solideal Hauler	LT	V3-02-14	200-20	8.50	8.00/9.00	1150	330	36	524	9,00	172	A5	8190	6300	7875	5860	8190	6300	5605	5290	9515
12.00-20	18	Solideal ED Plus	ED PLUS	V3-02-14	200-20	8.50	8.00/9.00	1134	330	32	512	9,00	172	A5	8190	6300	7875	5860	8190	6300	5605	5290	9515
12.00-20	20	Solideal Hauler	LT	V3-02-14	200-20	8.50	8.00/9.00	1150	317	36	517	10,00	175	A5	8970	6900	8625	6415	8970	6900	6140	5795	10420
12.00-20	20	Solideal Hauler	SM	V3-02-14	200-20	8.50	8.00/9.00	1145	321	-	528	10,00	175	A5	8970	6900	8625	6415	8970	6900	6140	5795	10420
12.00-20	20	Solideal Hauler	HA-TR	V3-02-14	200-20	8.50	8.00/9.00	1132	319	36	522	10,00	175	A5	8970	6900	8625	6415	8970	6900	6140	5795	10420
12.00-20	20	Hauler Portmaster	HD	V3-02-14	200-20	8.50	8.00/9.00	1144	320	57	515	10,00	175	A5	8970	6900	8625	6415	8970	6900	6140	5795	10420
12.00-20	20	Solideal ED Plus	ED PLUS	V3-02-14	200-20	8.50	8.00/9.00	1134	330	32	512	10,00	175	A5	8970	6900	8625	6415	8970	6900	6140	5795	10420
12.00-20	28	Solideal Hauler	LT	V3-02-14	200-20	8.50	8.00/9.00	1150	323	36	523	12,00	180	A5	10400	8000	10000	7440	10400	8000	7120	6720	12080
12.00-20	28	Hauler Portmaster	HD	V3-02-14	200-20	8.50	8.00/9.00	1130	320	57	514	12,00	180	A5	10400	8000	10000	7440	10400	8000	7120	6720	12080
24"																							
14.00-24	28	Solideal Hauler	LT	V3-02-7	250-24	10.00	W/VA/WI	1364	371	50	623	10,00	11	188	12350	9500	11875	8790	12350	9500	8455	7980	14345

Tread patterns



LT

ED PLUS

ED

SM

HA-TR

HD

RIBLUG

RIB

ZZRIB

Industrial pneumatic tires

Technical data



TIRE SIZE	PR	BRAND / PRODUCT NAME	TREAD PATTERN	TUBE* & VALVE**	FLAP	RIM SIZE ⁽¹⁾		ACTUAL TIRE DIMENSIONS				INFLATION PRESSURE (bar)	LOAD INDEX & SPEED SYMBOL	LOAD CAPACITY (KG) ⁽²⁾									
						Recommended	Alternative	Overall diameter (mm)	Overall width (mm)	Original tread depth (mm)	Static loaded radius (mm)			Counterbalanced lift trucks				Other vehicles ⁽³⁾ at maximum speed				Static 0 km/h	
														Up to 25 km/h	Up to 35 km/h	Load wheel	Steering wheel	Load wheel	Steering wheel	10 km/h	25 km/h		40 km/h
25"																							
16.00-25	32	Solideal Hauler	LT	TBLS	-	11.25/2.0	13.00/2.0	1472	421	55	664	10,00	195	A5	15795	12150	15190	11300	15795	12150	10815	10205	18345
18.00-25	40	Solideal Hauler	LT	TBLS	-	13.00/2.5	15.00/2.5	1609	483	65	714	10,00	207	A5	22750	17500	21875	16190	22750	17500	15575	14700	26425

Tread patterns



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.

All tires are not for highway use.

* 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.

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