

Solid resilient tires

Technical data



TIRE SIZE	RIM SIZE ⁽¹⁾	BRAND	TREAD PATTERN	HEEL		ACTUAL TIRE DIMENSIONS		WEARABLE HEIGHT (inch)	LOAD CAPACITY (lbs) ⁽²⁾					
				Normal	Quick	Overall diameter (inch)	Overall width (inch)		Counterbalanced lift trucks Up to 16 mph		Other vehicles ⁽³⁾			STATIC 0 mph
									Load wheel	Steering wheel	Up to 4 mph	Up to 6 mph	Up to 16 mph	
4"														
3.00-4	2.10-4	Solideal Magnum	MAG	■	-	9.9	3.3	0.9	562	430	562	507	430	650
3.00-4	2.50C-4	Solideal Magnum	MAG	■	-	9.9	3.3	0.9	562	430	562	507	430	650
4.00-4	2.10-4	Solideal Magnum	MAG	■	-	12.1	3.8	1.4	1179	904	1179	1069	904	1367
4.00-4	2.10-4	Solideal	MIL	■	-	12.0	3.9	1.3	1179	904	1179	1069	904	1367
4.00-4	2.50C-4	Solideal Magnum	MAG	■	-	12.1	3.8	1.4	1179	904	1179	1069	904	1367
4.00-4	2.50C-4	Solideal	MIL	■	-	12.0	3.9	1.3	1179	904	1179	1069	904	1367
5"														
3.00-5	2.15B-5	Solideal	LUG	■	-	10.5	3.1	0.9	959	739	959	871	739	1113
3.50-5	3.00SP-5	Solideal	LUG	■	-	11.7	4.0	1.2	1146	882	1146	1036	882	1334
6"														
10.5x4-6 (100/55-6)	3.25A-6	Solideal	RIB	■	-	10.5	3.9	0.6	1367	1047	1367	1235	1047	1576
140/55-6	4.50E-6	Solideal	RIB	■	-	12.2	5.5	1.0	2370	1819	2370	2149	1819	2745
8"														
100/50-8 (2.00-8)	2.50C-8	Solideal	SM	■	-	11.9	4.0	0.9	1565	1202	1565	1422	1202	1819
100/50-8 (2.00-8)	3.00D-8	Solideal	SM	■	-	11.9	4.0	0.9	1565	1202	1565	1422	1202	1819
100/80-8	2.50C-8	Solideal	SM	■	-	14.1	4.1	0.9	1664	1279	1664	1510	1279	1929
4.00-8	2.50C-8	Solideal	RIB	■	-	16.0	4.0	1.0	2094	1609	2094	1896	1609	2425
4.00-8	3.00D-8	Solideal Magnum	MAG	■	■	16.1	4.1	1.3	2094	1609	2094	1896	1609	2425
4.00-8	3.00D-8	Solideal	HT	■	■	16.0	4.1	1.4	2094	1609	2094	1896	1609	2425
4.00-8	3.00D-8	Solideal	RIB	■	-	16.0	4.0	1.0	2094	1609	2094	1896	1609	2425
4.00-8	3.75-8	Solideal	RIB	■	-	16.0	4.8	1.4	2227	1709	2227	2017	1709	2579
5.00-8	3.00D-8	Solideal Xtreme	XTR	■	■	17.7	4.8	1.5	3120	2403	3120	2833	2403	3627
5.00-8	3.00D-8	Solideal Magnum	MAG	■	■	17.7	4.8	1.5	3120	2403	3120	2833	2403	3627
5.00-8	3.00D-8	Solideal Ecomatic	TR	■	■	17.7	4.8	1.2	3120	2403	3120	2833	2403	3627
5.00-8	3.00D-8	Solideal Solidair LT	MAG2	■	■	17.8	4.7	1.4	3120	2403	3120	2833	2403	3627
5.00-8	3.00D-8	Solideal	SM	■	■	17.8	4.5	1.5	3120	2403	3120	2833	2403	3627
5.00-8	3.75-8	Solideal	RIB	■	-	17.8	5.3	1.6	3307	2546	3307	3009	2546	3847
15x4 1/2-8 (125/75-8)	3.00D-8	Solideal Xtreme	XTR	■	■	14.8	4.5	1.1	2293	1764	2293	2072	1764	2668
15x4 1/2-8 (125/75-8)	3.00D-8	Solideal Magnum	MAG	■	■	14.8	4.5	1.1	2293	1764	2293	2072	1764	2668
15x4 1/2-8 (125/75-8)	3.00D-8	Solideal Ecomatic	TR	■	■	15.0	4.5	0.9	2293	1764	2293	2072	1764	2668
15x4 1/2-8 (125/75-8)	3.00D-8	Solideal	RIB	■	■	14.8	4.6	1.1	2293	1764	2293	2072	1764	2668
15x4 1/2-8 (125/75-8)	3.00D-8	Solideal	SM	■	■	14.8	4.6	1.1	2293	1764	2293	2072	1764	2668
15x4 1/2-8 (125/75-8)	3.25I-8	Solideal Magnum	MAG	■	-	14.8	4.5	1.0	2293	1764	2293	2072	1764	2668
15x4 1/2-8 (125/75-8)	3.25I-8	Solideal	RIB	■	-	14.8	4.6	1.1	2293	1764	2293	2072	1764	2668
15x4 1/2-8 (125/75-8)	3.25I-8	Solideal	SM	■	-	14.8	4.6	1.1	2293	1764	2293	2072	1764	2668
16x6-8 (150/75-8)	4.33R-8	Solideal Xtreme	XTR	■	■	16.2	5.9	1.3	3296	2535	3296	2987	2535	3825
16x6-8 (150/75-8)	4.33R-8	Solideal Magnum	MAG	■	■	16.2	5.9	1.3	3296	2535	3296	2987	2535	3825
16x6-8 (150/75-8)	4.33R-8	Solideal Ecomatic	TR	■	■	16.0	5.7	1.4	3296	2535	3296	2987	2535	3825

Tread patterns



XTR

MAG

TR

MAG SEMI

HT

RIB

MIL

LUG

SM

SOLIDAIR
MAG2

SOLIDAIR
ZZRIB

Solid resilient tires

Technical data



TIRE SIZE	RIM SIZE ⁽¹⁾	BRAND	TREAD PATTERN	HEEL		ACTUAL TIRE DIMENSIONS		WEARABLE HEIGHT (inch)	LOAD CAPACITY (lbs) ⁽²⁾					
				Normal	Quick	Overall diameter (inch)	Overall width (inch)		Counterbalanced lift trucks Up to 16 mph		Other vehicles ⁽³⁾			STATIC 0 mph
									Load wheel	Steering wheel	Up to 4 mph	Up to 6 mph	Up to 16 mph	
16x6-8 (150/75-8)	4.33R-8	Solideal	SM	■	■	16.1	6.0	1.1	3296	2535	3296	2987	2535	3825
18x7-8 (180/70-8)	4.33R-8	Solideal Xtreme	XTR	■	■	17.8	6.0	1.8	4729	3638	4729	4288	3638	5489
18x7-8 (180/70-8)	4.33R-8	Solideal Magnum	MAG	■	■	17.9	6.2	1.8	4729	3638	4729	4288	3638	5489
18x7-8 (180/70-8)	4.33R-8	Solideal Ecomatic	TR	■	■	18.0	6.1	1.4	4729	3638	4729	4288	3638	5489
18x7-8 (180/70-8)	4.33R-8	Solideal	SM	■	■	17.7	6.1	1.7	4729	3638	4729	4288	3638	5489
18x9-8	7.00E-8	Solideal	HT	■	-	18.0	8.4	1.6	5589	4299	5589	5071	4299	6493
9"														
140/55-9	4.00E-9	Solideal Xtreme	XTR	-	■	14.8	5.1	1.1	2579	1984	2579	2337	1984	2998
140/55-9	4.00E-9	Solideal Magnum	MAG	-	■	14.9	5.1	1.1	2579	1984	2579	2337	1984	2998
140/55-9	4.00E-9	Solideal	RIB	-	■	14.9	5.1	1.1	2579	1984	2579	2337	1984	2998
16x5-9	4.00E-9	Solideal	RIB	■	-	16.0	5.1	0.9	2315	1786	2315	2094	1786	2701
16x5-9	3.50D-9	Solideal	RIB	■	-	16.1	5.0	0.9	2315	1786	2315	2094	1786	2701
5.00-9	3.50D-9	Solideal Magnum	MAG	■	-	19.2	5.1	1.3	3186	2447	3186	2888	2447	3693
6.00-9	4.00E-9	Solideal Xtreme	XTR	■	■	20.6	5.4	2.0	4156	3197	4156	3770	3197	4828
6.00-9	4.00E-9	Solideal Magnum	MAG	■	■	20.6	5.4	2.0	4156	3197	4156	3770	3197	4828
6.00-9	4.00E-9	Solideal Ecomatic	TR	■	■	20.6	5.6	1.5	4156	3197	4156	3770	3197	4828
6.00-9	4.00E-9	Solideal	RIB	■	-	20.4	5.3	1.9	4156	3197	4156	3770	3197	4828
6.00-9	4.00E-9	Solideal	SM	■	■	20.4	5.3	1.9	4156	3197	4156	3770	3197	4828
6.00-9	4.00E-9	Solideal Solidair LT	MAG2	■	■	20.6	5.4	1.8	4156	3197	4156	3770	3197	4828
6.00-9	4.00E-9	Solideal Solidair ZZRIB	ZZRIB	-	■	20.5	5.3	1.7	4156	3197	4156	3770	3197	4828
18x6-9 (160/75-9)	4.00E-9	Solideal	SM	-	■	17.8	5.7	1.6	3582	2756	3582	3252	2756	4167
21x8-9 (200/75-9)	6.00E-9	Solideal Xtreme	XTR	■	■	20.4	7.4	1.9	6074	4674	6074	5523	4674	7055
21x8-9 (200/75-9)	6.00E-9	Solideal Magnum	MAG	■	■	20.4	7.4	1.9	6074	4674	6074	5523	4674	7055
21x8-9 (200/75-9)	6.00E-9	Solideal Ecomatic	TR	■	■	20.7	7.3	1.7	6074	4674	6074	5523	4674	7055
10"														
180/60-10	5.00F-10	Solideal Xtreme	XTR	-	■	17.8	6.3	1.3	5302	4079	5302	4817	4079	6162
180/60-10	5.00F-10	Solideal	RIB	-	■	17.9	6.3	1.3	5302	4079	5302	4817	4079	6162
200/50-10	6.50F-10	Solideal Xtreme	XTR	■	■	18.1	7.5	1.4	5445	4189	5445	4938	4189	6327
200/50-10	6.50F-10	Solideal Magnum	MAG	■	■	18.1	7.5	1.4	5445	4189	5445	4938	4189	6327
200/50-10	6.50F-10	Solideal Magnum	MAG SEMI	■	■	18.1	7.5	1.4	5445	4189	5445	4938	4189	6327
200/50-10	6.50F-10	Solideal Ecomatic	TR	■	■	17.8	7.5	1.1	5445	4189	5445	4938	4189	6327
200/50-10	6.50F-10	Solideal	RIB	■	■	18.0	7.8	1.2	5445	4189	5445	4938	4189	6327
21x7-10 (180/80-10)	5.00F-10	Solideal	SM	-	■	20.6	6.4	2.2	4872	3748	4872	4420	3748	5655
6.50-10	5.00F-10	Solideal Xtreme	XTR	■	■	22.3	6.4	2.2	5159	3968	5159	4685	3968	5997
6.50-10	5.00F-10	Solideal Magnum	MAG	■	■	22.3	6.4	2.2	5159	3968	5159	4685	3968	5997
6.50-10	5.00F-10	Solideal Ecomatic	TR	■	■	22.6	6.5	1.8	5159	3968	5159	4685	3968	5997
6.50-10	5.00F-10	Solideal	SM	■	■	22.3	6.2	2.0	5159	3968	5159	4685	3968	5997
6.50-10	5.50F-10	Solideal	HT	■	-	22.3	6.4	2.0	5159	3968	5159	4685	3968	5997
6.50-10	5.50F-10	Solideal	SM	■	-	22.3	6.4	2.0	5159	3968	5159	4685	3968	5997

Tread patterns



XTR

MAG

TR

MAG SEMI

HT

RIB

MIL

LUG

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SOLIDAIR

MAG2

SOLIDAIR

ZZRIB

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Technical data



TIRE SIZE	RIM SIZE ⁽¹⁾	BRAND	TREAD PATTERN	HEEL		ACTUAL TIRE DIMENSIONS		WEARABLE HEIGHT (inch)	LOAD CAPACITY (lbs) ⁽²⁾					
				Normal	Quick	Overall diameter (inch)	Overall width (inch)		Counterbalanced lift trucks Up to 16 mph		Other vehicles ⁽³⁾			STATIC 0 mph
									Load wheel	Steering wheel	Up to 4 mph	Up to 6 mph	Up to 16 mph	
6.50-10	5.50F-10	Solideal Solidair LT	MAG2	■	■	22.4	6.2	2.0	5159	3968	5159	4685	3968	5997
6.50-10	5.50F-10	Solideal Solidair ZZRIB	ZZRIB	-	■	22.4	6.2	2.0	5159	3968	5159	4685	3968	5997
23x9-10 (225/75-10)	6.50F-10	Solideal Xtreme	XTR	■	■	23.0	8.0	2.0	7595	5842	7595	6889	5842	8818
23x9-10 (225/75-10)	6.50F-10	Solideal Magnum	MAG	■	■	23.0	8.0	2.0	7595	5842	7595	6889	5842	8818
23x9-10 (225/75-10)	6.50F-10	Solideal Ecomatic	TR	■	■	22.9	8.1	2.0	7595	5842	7595	6889	5842	8818
7.50-10	5.00F-10	Solideal Magnum	MAG	■	■	24.8	7.1	2.7	6768	5203	6768	6140	5203	7859
7.50-10	5.50F-10	Solideal Magnum	MAG	■	■	24.8	7.2	2.7	6768	5203	6768	6140	5203	7859
12"														
23x10-12 (250/60-12)	8.00G-12	Solideal Xtreme	XTR	■	■	23.1	9.2	1.8	8311	6393	8311	7540	6393	9656
23x10-12 (250/60-12)	8.00G-12	Solideal Magnum	MAG	■	■	23.1	9.2	2.0	8311	6393	8311	7540	6393	9656
23x10-12 (250/60-12)	8.00G-12	Solideal Ecomatic	TR		■	22.7	9.0	1.5	8311	6393	8311	7540	6393	9656
23x10-12 (250/60-12)	8.00G-12	Solideal	SM	-	■	23.1	9.2	1.8	8311	6393	8311	7540	6393	9656
23x12-12 (315/45-12)	10.00G-12	Solideal Xtreme	XTR	-	■	23.1	9.2	2.0	8311	6393	8311	7540	6393	9656
23x12-12 (315/45-12)	10.00G-12	Solideal Magnum	MAG SEMI	-	■	23.1	9.2	2.0	8311	6393	8311	7540	6393	9656
27x10-12 (250/75-12)	8.00G-12	Solideal Xtreme	XTR	■	■	26.8	9.6	2.5	8598	6614	8598	7804	6614	9987
27x10-12 (250/75-12)	8.00G-12	Solideal Magnum	MAG	■	■	26.8	9.7	2.5	8598	6614	8598	7804	6614	9987
27x10-12 (250/75-12)	8.00G-12	Solideal Ecomatic	TR		■	26.7	9.6	2.4	8598	6614	8598	7804	6614	9987
27x10-12 (250/75-12)	8.00G-12	Solideal	SM	■	■	26.9	9.5	2.6	8598	6614	8598	7804	6614	9987
7.00-12	5.00S-12	Solideal Xtreme	XTR	■	■	25.6	6.6	2.5	6437	4938	6437	5831	4938	7452
7.00-12	5.00S-12	Solideal Magnum	MAG	■	■	25.7	6.8	2.4	6437	4938	6437	5831	4938	7452
7.00-12	5.00S-12	Solideal Ecomatic	TR	■	■	25.9	7.0	2.0	6437	4938	6437	5831	4938	7452
7.00-12	5.00S-12	Solideal	SM	■	■	25.7	6.3	2.2	6437	4938	6437	5831	4938	7452
7.00-12	5.00S-12	Solideal Solidair LT	MAG2	■	■	25.7	6.5	2.1	6437	4938	6437	5831	4938	7452
8.25-12	5.00S-12	Solideal Magnum	MAG	■	-	28.5	7.4	2.5	7584	5831	7584	6878	5831	8807
8.25-12	5.00S-12	Solideal	SM	■	-	28.4	7.4	2.6	7584	5831	7584	6878	5831	8807
13"														
150/100-13 (23x5)	3.75P-13	Solideal Magnum	MAG	■	■	24.4	5.7	1.8	3800	2900	3800	3450	2900	4400
15"														
28x9-15 (8.15-15 & 225/75-15)	6.50-15	Solideal	HT	■	-	27.2	8.0	2.0	8311	6393	8311	7540	6393	9656
28x9-15 (8.15-15 & 225/75-15)	7.00-15	Solideal Xtreme	XTR	■	■	27.0	8.6	2.1	8311	6393	8311	7540	6393	9656
28x9-15 (8.15-15 & 225/75-15)	7.00-15	Solideal Magnum	MAG	■	■	27.0	8.6	2.1	8311	6393	8311	7540	6393	9656
28x9-15 (8.15-15 & 225/75-15)	7.00-15	Solideal Ecomatic	TR	■	■	27.3	8.7	1.8	8311	6393	8311	7540	6393	9656
28x9-15 (8.15-15 & 225/75-15)	7.00-15	Solideal Solidair LT	MAG2	■	■	27.1	8.5	2.0	8311	6393	8311	7540	6393	9656
355/45-15 (28x12.5-15)	9.75-15	Solideal Xtreme	XTR	■	■	27.1	11.5	1.8	12180	9370	12180	11056	9370	14154
355/45-15 (28x12.5-15)	9.75-15	Solideal Ecomatic	TR		■	27.8	11.8	2.1	12180	9370	12180	11056	9370	14154
355/50-15	9.75-15	Solideal Xtreme	XTR	■	■	28.0	11.6	2.0	12180	9370	12180	11056	9370	14154
355/50-15	9.75-15	Solideal Magnum	MAG	■	■	28.0	11.6	2.0	12180	9370	12180	11056	9370	14154
355/65-15 (32x12.1-15)	9.75-15	Solideal Xtreme	XTR	■	■	32.2	12.3	2.9	17196	13228	15432	14176	12015	19974
355/65-15 (32x12.1-15)	9.75-15	Solideal Magnum	MAG	■	■	32.2	12.3	2.9	17196	13228	15432	14176	12015	19974

Tread patterns



XTR

MAG

TR

MAG SEMI

HT

RIB

MIL

LUG

SM

SOLIDAIR

MAG2

SOLIDAIR

ZZRIB

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Technical data



TIRE SIZE	RIM SIZE ⁽¹⁾	BRAND	TREAD PATTERN	HEEL		ACTUAL TIRE DIMENSIONS		WEARABLE HEIGHT (inch)	LOAD CAPACITY (lbs) ⁽²⁾					
				Normal	Quick	Overall diameter (inch)	Overall width (inch)		Counterbalanced lift trucks Up to 16 mph		Other vehicles ⁽³⁾			STATIC 0 mph
									Load wheel	Steering wheel	Up to 4 mph	Up to 4 mph	Up to 16 mph	
355/65-15 (32x12.1-15)	9.75-15	Solideal Ecomatic	TR	■	■	32.3	11.9	2.6	17196	13228	15432	14176	12015	19974
250-15 (250/70-15)	7.00-15	Solideal Xtreme	XTR	■	■	28.3	8.9	2.4	10472	8047	10472	9480	8047	12147
250-15 (250/70-15)	7.00-15	Solideal Magnum	MAG	■	■	28.2	8.9	2.4	10472	8047	10472	9480	8047	12147
250-15 (250/70-15)	7.00-15	Solideal Ecomatic	TR	■	■	28.3	8.7	2.2	10472	8047	10472	9480	8047	12147
250-15 (250/70-15)	7.00-15	Solideal Solidair LT	MAG2	■	■	28.3	8.6	2.2	10472	8047	10472	9480	8047	12147
250-15 (250/70-15)	7.50-15	Solideal Xtreme	XTR	■	■	28.3	8.9	2.4	10472	8047	10472	9480	8047	12147
250-15 (250/70-15)	7.50-15	Solideal Magnum	MAG	■	■	28.2	8.9	2.4	10472	8047	10472	9480	8047	12147
250-15 (250/70-15)	7.50-15	Solideal Ecomatic	TR	■	■	28.3	8.7	2.2	10472	8047	10472	9480	8047	12147
250-15 (250/70-15)	7.50-15	Solideal Solidair LT	MAG2	■	■	28.3	8.6	2.2	10472	8047	10472	9480	8047	12147
300-15 (315/70-15)	8.00-15	Solideal Xtreme	XTR	■	■	32.1	10.1	3.0	12897	9921	12897	11706	9921	14980
300-15 (315/70-15)	8.00-15	Solideal Magnum	MAG	■	■	32.1	10.1	3.0	12897	9921	12897	11706	9921	14980
300-15 (315/70-15)	8.00-15	Solideal Ecomatic	TR	■	■	32.1	10.1	2.4	12897	9921	12897	11706	9921	14980
300-15 (315/70-15)	8.00-15	Solideal	SM	-	■	31.9	10.2	2.7	12897	9921	12897	11706	9921	14980
310-15 EW	8.00V-15	Solideal Magnum	MAG	■	-	32.2	12.3	3.0	13613	10472	13613	12357	10472	15818
5.50-15	4.50E-15SDC	Solideal	HT	■	-	26.2	6.1	2.0	5357	4123	5357	4861	4123	6228
6.00-15	4.50E-15SDC	Solideal Magnum	MAG	■	-	27.5	6.3	1.7	6008	4619	6008	5445	4619	6978
7.00-15	5.50-15	Solideal Xtreme	XTR	■	■	28.7	7.0	2.3	7815	6008	7815	7088	6008	9072
7.00-15	5.50-15	Solideal Magnum	MAG	■	■	28.7	7.0	2.3	7815	6008	7815	7088	6008	9072
7.00-15	5.50-15	Solideal Ecomatic	TR	■	■	28.8	7.3	1.9	7815	6008	7815	7088	6008	9072
7.00-15	5.50-15	Solideal Solidair ZZRIB	ZZRIB	-	■	28.5	6.9	2.2	7815	6008	7815	7088	6008	9072
7.00-15	6.00-15	Solideal Xtreme	XTR	■	-	28.7	7.0	2.3	7815	6008	7815	7088	6008	9072
7.00-15	6.00-15	Solideal Magnum	MAG	■	-	28.7	7.0	2.3	7815	6008	7815	7088	6008	9072
7.50-15	5.50-15	Solideal Xtreme	XTR	■	■	29.6	7.8	2.4	8598	6614	8598	7804	6614	9987
7.50-15	5.50-15	Solideal Magnum	MAG	■	■	29.6	7.8	2.4	8598	6614	8598	7804	6614	9987
7.50-15	6.00-15	Solideal Xtreme	XTR	■	■	29.6	7.8	2.4	8598	6614	8598	7804	6614	9987
7.50-15	6.00-15	Solideal Magnum	MAG	■	■	29.6	7.8	2.4	8598	6614	8598	7804	6614	9987
7.50-15	6.50-15	Solideal Xtreme	XTR	■	■	29.6	7.8	2.4	8598	6614	8598	7804	6614	9987
7.50-15	6.50-15	Solideal Magnum	MAG	■	■	29.6	7.8	2.4	8598	6614	8598	7804	6614	9987
7.50-15	6.50-15	Solideal Ecomatic	TR	■	■	29.8	8.2	2.1	8598	6614	8598	7804	6614	9987
8.25-15 (7.50-15(32))	5.50-15	Solideal Magnum	MAG	■	■	32.0	8.3	2.8	10141	7804	10141	9204	7804	11784
8.25-15 (7.50-15(32))	6.00-15	Solideal Magnum	MAG	■	■	32.0	8.3	2.8	10472	8047	10472	9480	8047	12147
8.25-15 (7.50-15(32))	6.50-15	Solideal Xtreme	XTR	■	■	32.0	8.3	2.8	10472	8047	10472	9480	8047	12147
8.25-15 (7.50-15(32))	6.50-15	Solideal Magnum	MAG	■	■	32.0	8.3	2.8	10472	8047	10472	9480	8047	12147
8.25-15 (7.50-15(32))	6.50-15	Solideal Ecomatic	TR	■	■	31.9	8.5	2.2	10472	8047	10472	9480	8047	12147
8.25-15 (7.50-15(32))	6.50-15	Solideal	SM	■	■	31.9	8.0	2.9	10472	8047	10472	9480	8047	12147
8.25-15 (7.50-15(32))	6.50-15	Solideal Solidair LT	MAG2	■	■	32.0	8.3	2.6	10472	8047	10472	9480	8047	12147
16"														
6.50-16	5.50-16	Solideal	HT	■	-	29.3	7.6	2.4	5732	4409	5732	5203	4409	6658
6.50-16	6.00-16	Solideal	HT	■	-	29.3	7.6	2.4	5732	4409	5732	5203	4409	6658

Tread patterns



XTR

MAG

TR

MAG SEMI

HT

RIB

MIL

LUG

SM

SOLIDAIR
MAG2

SOLIDAIR
ZZRIB

Solid resilient tires

Technical data



TIRE SIZE	RIM SIZE ⁽¹⁾	BRAND	TREAD PATTERN	HEEL		ACTUAL TIRE DIMENSIONS		WEARABLE HEIGHT (inch)	LOAD CAPACITY (lbs) ⁽²⁾					
				Normal	Quick	Overall diameter (inch)	Overall width (inch)		Counterbalanced lift trucks Up to 16 mph		Other vehicles ⁽³⁾			STATIC 0 mph
									Load wheel	Steering wheel	Up to 4 mph	Up to 6 mph	Up to 16 mph	
7.50-16	5.50-16	Solideal	HT	■	-	31.3	8.3	3.0	8741	6724	8741	7937	6724	10152
7.50-16	6.00-16	Solideal Magnum	MAG	■	-	31.3	8.3	2.7	8741	6724	8741	7937	6724	10152
7.50-16	6.00-16	Solideal	HT	■	-	31.3	8.3	3.0	8741	6724	8741	7937	6724	10152
20"														
7.50-20	6.50-20	Solideal	HT	■	-	34.7	8.3	2.1	8598	7165	8598	7881	7165	10825
8.25-20	6.50-20	Solideal	HT	■	-	38.1	8.1	2.9	9656	8047	9656	8774	8047	12147
8.25-20	7.00-20	Solideal	HT	■	-	38.1	8.7	2.9	9656	8047	9656	8774	8047	12147
8.25-20	7.50-20	Solideal	HT	■	-	38.1	8.7	2.9	10251	8543	10251	9314	8543	12897
9.00-20	6.50-20	Solideal	HT	■	-	38.3	8.8	2.9	11905	9921	11905	10814	9921	14980
9.00-20	7.00-20	Solideal	HT	■	-	38.3	8.8	2.9	11905	9921	11905	10814	9921	14980
9.00-20	7.50-20	Solideal	HT	■	-	38.3	8.8	2.9	11905	9921	11905	10814	9921	14980
10.00-20	6.50-20	Solideal Magnum	MAG	■	-	40.7	10.0	3.2	12897	10747	12897	11717	10747	16226
10.00-20	7.00-20	Solideal Xtreme	XTR	■	-	40.7	10.0	3.2	13228	11023	13228	12015	11023	16645
10.00-20	7.00-20	Solideal Magnum	MAG	■	-	40.7	10.0	3.2	13228	11023	13228	12015	11023	16645
10.00-20	7.00-20	Solideal	HT	■	-	39.6	9.8	3.1	13228	11023	13228	12015	11023	16645
10.00-20	7.50-20	Solideal Xtreme	XTR	■	■	40.7	10.0	3.2	13228	11023	13228	12015	11023	16645
10.00-20	7.50-20	Solideal Magnum	MAG	■	-	40.7	10.0	3.2	13228	11023	13228	12015	11023	16645
10.00-20	7.50-20	Solideal Ecomatic	TR	■	-	40.9	10.2	3.0	13228	11023	13228	12015	11023	16645
10.00-20	7.50-20	Solideal (Bomber)	HT	■	■	39.6	9.8	3.1	13228	11023	13228	12015	11023	16645
10.00-20	7.50-20	Solideal	SM	■	■	40.0	9.8	3.2	13228	11023	13228	12015	11023	16645
10.00-20	8.00-20	Solideal Xtreme	XTR	■	■	40.7	10.0	3.2	13228	11023	13228	12015	11023	16645
10.00-20	8.00-20	Solideal Magnum	MAG	■	■	40.7	9.9	3.2	13228	11023	13228	12015	11023	16645
10.00-20	8.00-20	Solideal Ecomatic	TR	■	■	40.9	10.2	3.0	13228	11023	13228	12015	11023	16645
10.00-20	8.00-20	Solideal	HT	■	-	39.6	9.8	3.1	13228	11023	13228	12015	11023	16645
10.00-20	8.00-20	Solideal	SM	■	-	40.0	9.8	3.2	13228	11023	13228	12015	11023	16645
11.00-20	8.00-20	Solideal Magnum	MAG	■	■	41.7	10.1	3.8	14418	12015	14418	13095	12015	18144
12.00-20	8.00-20	Solideal Xtreme	XTR	■	-	42.9	11.1	3.4	16667	13889	16667	15135	13889	20977
12.00-20	8.00-20	Solideal Magnum	MAG	■	-	42.9	11.1	3.4	16667	13889	16667	15135	13889	20977
12.00-20	8.00-20	Solideal	HT	■	-	42.8	10.2	3.3	16667	13889	16667	15135	13889	20977
12.00-20	8.00-20	Solideal	SM	■	-	42.8	10.4	3.3	16667	13889	16667	15135	13889	20977
12.00-20	8.50-20	Solideal Xtreme	XTR	■	-	42.9	11.1	3.4	16667	13889	16667	15135	13889	20977
12.00-20	8.50-20	Solideal Magnum	MAG	■	-	42.9	11.1	3.4	16667	13889	16667	15135	13889	20977
12.00-20	8.50-20	Solideal	HT	■	-	43.1	10.2	3.3	16667	13889	16667	15135	13889	20977
12.00-20	10.00-20	Solideal Xtreme	XTR	■	-	42.9	11.1	3.4	18783	15653	18783	17064	15653	23633
12.00-20	10.00-20	Solideal Magnum	MAG SEMI	■	-	42.9	13.1	3.4	18783	15653	18783	17064	15653	23633
12.00-20	10.00-20	Solideal	SM	■	-	42.8	12.4	3.3	18783	15653	18783	17064	15653	23633
24"														
355/85-24 (48.5x14-24)	11.25-24IRA	Solideal	SM	■	-	47.9	14.8	3.8	23810	19841	23810	21627	19841	29961
355/85-24 (48.5x14-24)	12.00-24IRA	Solideal	SM	■	-	47.9	14.8	3.8	23810	19841	23810	21627	19841	29961

Tread patterns



XTR

MAG

TR

MAG SEMI

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RIB

MIL

LUG

SM

SOLIDAIR

MAG2

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ZZRIB

Solid resilient tires

Technical data



TIRE SIZE	RIM SIZE ⁽¹⁾	BRAND	TREAD PATTERN	HEEL		ACTUAL TIRE DIMENSIONS		WEARABLE HEIGHT (inch)	LOAD CAPACITY (lbs) ⁽²⁾					
				Normal	Quick	Overall diameter (inch)	Overall width (inch)		Counterbalanced lift trucks Up to 16 mph		Other vehicles ⁽³⁾			STATIC 0 mph
									Load wheel	Steering wheel	Up to 4 mph	Up to 6 mph	Up to 16 mph	
12.00-24	8.00TG-24	Solideal	HT	■	-	46.4	10.9	3.9	17725	14771	17725	16105	14771	22300
12.00-24	8.50-24	Solideal Xtreme	XTR	■	-	-	-	-	17725	14771	17725	16105	14771	22300
12.00-24	8.50-24IRA	Solideal	HT	■	-	46.4	10.9	3.9	17725	14771	17725	16105	14771	22300
12.00-24	10.00-24IRA	Solideal	SM	■	-	47.9	12.8	3.8	19841	16535	19841	18023	16535	24967
14.00-24	10.00-24IRA	Solideal Magnum	MAG	■	-	52.0	13.1	4.3	24471	20393	24471	22233	20393	30798
14.00-24	10.00-24IRA	Solideal	HT	■	-	52.0	13.1	4.4	24471	20393	24471	22233	20393	30798
25"														
14.00-25	11.25-25	Solideal Magnum	MAG	■	-	52.5	15.1	4.1	27513	22928	27513	24989	22928	34623
16.00-25	11.25-25	Solideal Magnum	MAG	■	-	56.9	16.4	4.9	33069	27558	33069	30038	27558	41612

Tread patterns



Remarks

(1) Check rim for size, especially on width, as this should correspond to tirebase marking. Check also max. load of rim with rim manufacturer, as wheel load will be restricted by lowest load capacity, either the one given by the rim or by the tire.

(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 there is a variation in load and/or speed. For further details please consult the technical department.

Loads are valid for intermittent service only. Intermittent service means a minimum load variation of 2,5. Does not include the additional weight of the solid tire when converting from pneumatics.

(3) This category includes:

- Drive and steer wheels on other than counterbalanced lift trucks
- Mobile cranes
- Free-rolling wheels on other vehicles (trailers) up to a maximum distance of 2000m 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 sideloader applications, reach and 4-way trucks (not cyclic), please consult the technical department.

**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.**

Version #6 23/10/2013

