

SOLIDEAL MAGNUM TRACTION



IMPERIAL UNIT

PRESS-ON
TIRES



DURABILITY YOU CAN RELY ON.

Made with high-performance, natural rubber compounds. Resists chunking and cutting in the most demanding applications, while delivering maximum life and stability.

PERFORMANCE

Durability



Energy Savings



Tire Life



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**ROAD
FREE
COMPANY**

FORMERLY
CAMOPLAST
SOLIDEAL

SOLIDEAL MAGNUM TRACTION

TIRE SIZE ⁽¹⁾	ACTUAL TIRE DIMENSIONS			LOAD CAPACITY ⁽²⁾ Counterbalanced lift trucks (lbs)					
	OVERALL DIAMETER	OVERALL WIDTH	REPLACEMENT OVERALL DIAMETER ⁽³⁾	6 mph		10 mph		16 mph	
				LOAD WHEEL	STEERING WHEEL	LOAD WHEEL	STEERING WHEEL	LOAD WHEEL	STEERING WHEEL
	(in)	(in)	(in)						
10 x 5 x 6 1/2	10.1	5.0	9.0	2238	1841	1995	1675	1620	1334
13 1/2 x 5 1/2 x 8	13.6	5.5	11.9	3329	2734	2976	2502	2414	1984
14 x 4 1/2 x 8	14.2	4.5	12.3	2568	2105	2293	1929	1863	1532
14 x 5 x 10	14.1	5.0	12.9	2943	2425	2634	2205	2138	1753
15 1/2 x 5 x 10	15.6	5.0	13.9	3252	2668	2899	2436	2359	1929
16 x 5 x 10 1/2	16.2	5.0	14.4	3318	2734	2965	2491	2414	1973
16 x 6 x 10 1/2	16.2	6.0	14.4	4200	3450	3748	3153	3053	2502
16 x 7 x 10 1/2	16.2	7.0	14.4	5115	4200	4564	3836	3715	3042
15 x 5 x 11 1/4	15.1	5.0	14.0	3064	2524	2734	2304	2227	1830
16 1/4 x 5 x 11 1/4	16.3	5.0	14.8	3362	2756	2998	2524	2436	1995
16 1/4 x 6 x 11 1/4	16.3	6.0	14.8	4222	3461	3770	3164	3064	2513
16 1/4 x 7 x 11 1/4	16.3	7.0	14.8	5115	4200	4564	3836	3715	3042
17 x 6 x 12 1/8	17.1	6.0	15.6	4354	3571	3891	3263	3164	2590
18 x 5 x 12 1/8	18.2	5.0	16.3	3616	2976	3230	2712	2634	2161
18 x 6 x 12 1/8	18.2	6.0	16.3	4608	3781	4112	3450	3340	2745
18 x 7 x 12 1/8	18.2	7.0	16.3	5633	4630	5026	4222	4090	3351
18 x 8 x 12 1/8	18.2	8.0	16.3	6614	5434	5908	4960	4806	3935
18 x 9 x 12 1/8	18.2	9.0	16.3	7639	6272	6823	5732	5545	4541
21 x 6 x 15	21.2	6.0	19.3	5170	4244	4619	3880	3759	3075
21 x 7 x 15	21.2	7.0	19.3	6327	5203	5655	4751	4597	3770
21 x 8 x 15	21.2	8.0	19.3	7441	6118	6647	5578	5401	4431
21 x 9 x 15	21.2	9.0	19.3	8598	7066	7683	6448	6250	5115
20 x 8 x 16	20.1	8.0	18.9	6636	5445	5919	4971	4817	3946
22 x 6 x 16	22.2	6.0	20.3	5357	4398	4784	4023	3891	3186
22 x 7 x 16	22.2	7.0	20.3	6559	5390	5864	4916	4762	3902
22 x 8 x 16	22.2	8.0	20.3	7716	6338	6889	5787	5600	4597
22 x 9 x 16	22.2	9.0	20.3	8918	7330	7970	6691	6482	4718
22 x 10 x 16	22.2	10.0	20.3	10075	8278	8995	7562	7319	5997
22 x 12 x 16	22.2	12.0	20.3	12434	10218	11100	9325	9028	7396
28 x 10 x 22	28.2	10.0	26.3	12059	9910	10769	9050	8752	7176
28 x 12 x 22	28.2	12.0	26.3	14881	12225	13283	11155	10803	8851
28 x 14 x 22*	28.2	14.0	26.3	17703	14539	15807	13272	12853	10538
660 / 250 - 480**	26.0	9.8	23.8	10549	8631	9171	7529	7396	6030

EXCEPTIONS * MAG SEMI PATTERN ** LUG PATTERN

WIDE PROFILE AND FLAT FOOTPRINT

- Increases stability and grip

HUGE LUG DEPTH

- Increases life and traction



HIGH-PERFORMANCE NATURAL RUBBER COMPOUND

- Reduces chunking and cutting
- Suitable for both IC and electric trucks

Non-marking compound availability on request



AUTHORIZED DISTRIBUTOR:

Remarks

- (1) Tolerances on wheel diameter • Code designated sizes (in): nominal rim diameter +0.005"/-0" • Metric sizes (mm): h11 according to ISO/R286. Surface roughness Ra < 6.3 μm • Chamfer 5 mm wide @ 30°
- (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.
- (3) The tire is considered worn out when the outside diameter is equal or smaller than the replacement overall diameter. All specifications for non-marking tires are the same as the equivalent standard black tire.

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To keep moving forward while staying true to our history,
we're now the Road Free company.

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FORMERLY
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METRIC UNIT

PRESS-ON
TIRES



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TIRE SIZE ⁽¹⁾	ACTUAL TIRE DIMENSIONS			LOAD CAPACITY ⁽²⁾ Counterbalanced lift trucks (kg)					
	OVERALL DIAMETER (mm)	OVERALL WIDTH (mm)	REPLACEMENT OVERALL DIAMETER ⁽³⁾ (mm)	10 kmh		16 kmh		25 kmh	
				LOAD WHEEL	STEERING WHEEL	LOAD WHEEL	STEERING WHEEL	LOAD WHEEL	STEERING WHEEL
10 x 5 x 6 1/2	256	127	230	1015	835	905	760	735	605
13 1/2 x 5 1/2 x 8	347	140	303	1510	1240	1350	1135	1095	900
14 x 4 1/2 x 8	360	114	312	1165	955	1040	875	845	695
14 x 5 x 10	358	127	328	1335	1100	1195	1000	970	795
15 1/2 x 5 x 10	396	127	353	1475	1210	1315	1105	1070	875
16 x 5 x 10 1/2	411	127	367	1505	1240	1345	1130	1095	895
16 x 6 x 10 1/2	411	152	367	1905	1565	1700	1430	1385	1135
16 x 7 x 10 1/2	411	178	367	2320	1905	2070	1740	1685	1380
15 x 5 x 11 1/4	383	127	355	1390	1145	1240	1045	1010	830
16 1/4 x 5 x 11 1/4	415	127	376	1525	1250	1360	1145	1105	905
16 1/4 x 6 x 11 1/4	415	152	376	1915	1570	1710	1435	1390	1140
16 1/4 x 7 x 11 1/4	415	178	376	2320	1905	2070	1740	1685	1380
17 x 6 x 12 1/8	434	152	396	1975	1620	1765	1480	1435	1175
18 x 5 x 12 1/8	462	127	415	1640	1350	1465	1230	1195	980
18 x 6 x 12 1/8	462	152	415	2090	1715	1865	1565	1515	1245
18 x 7 x 12 1/8	462	178	415	2555	2100	2280	1915	1855	1520
18 x 8 x 12 1/8	462	203	415	3000	2465	2680	2250	2180	1785
18 x 9 x 12 1/8	462	229	415	3465	2845	3095	2600	2515	2060
21 x 6 x 15	538	152	490	2345	1925	2095	176W0	1705	1395
21 x 7 x 15	538	178	490	2870	2360	2565	2155	2085	1710
21 x 8 x 15	538	203	490	3375	2775	3015	2530	2450	2010
21 x 9 x 15	538	229	490	3900	3205	3485	2925	2835	2320
20 x 8 x 16	510	203	480	3010	2470	2685	2255	2185	1790
22 x 6 x 16	563	152	516	2430	1995	2170	1825	1765	1445
22 x 7 x 16	563	178	516	2975	2445	2660	2230	2160	1770
22 x 8 x 16	563	203	516	3500	2875	3125	2625	2540	2085
22 x 9 x 16	563	229	516	4045	3325	3615	3035	2940	2140
22 x 10 x 16	563	254	516	4570	3755	4080	3430	3320	2720
22 x 12 x 16	564	305	517	5640	4635	5035	4230	4095	3355
28 x 10 x 22	716	254	669	5470	4495	4885	4105	3970	3255
28 x 12 x 22	716	305	669	6750	5545	6025	5060	4900	4015
28 x 14 x 22*	716	356	669	8030	6595	7170	6020	5830	4780
660 / 250 - 480**	660	250	606	4785	3915	4160	3415	3355	2735

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