

Solideal Magnum

Press-On Tires



BEST DURABILITY AND RELIABILITY



HIGH-PERFORMANCE ERP NATURAL RUBBER COMPOUND

Reduces chunking and cutting

- Suitable for both IC and electric trucks



Smooth OPTIMAL CROWNED PROFILE

Excellent cushioning for improved comfort



Traction pattern WIDE PROFILE AND FLAT FOOTPRINT

Increases stability and grip



HUGE LUG DEPTH

Increases life and traction

MATERIAL HANDLING TIRES & WHEELS

Complete line of high-performance products from the leading brand in material handling tires and wheels



Solideal has the right tire for the right application to best fit your needs in order to provide the **Lowest Operating Cost Solution (LOCS)**

camoplastsolideal.com



solideal



Additional Facts About the Solideal Magnum Press-On Tires

TIRE SIZE ⁽¹⁾	TREAD PATTERN		ACTUAL TIRE DIMENSIONS			LOAD CAPACITY ⁽²⁾ Counterbalanced lift trucks					
	Magnum Traction	Magnum Smooth	Overall diameter (mm)	Overall width (mm)	REPLACEMENT OVERALL Diameter ⁽³⁾ (mm)	10 km/h		16 km/h		25 km/h	
						Load wheel	Steering wheel	Load wheel	Steering wheel	Load wheel	Steering wheel
9 x 5 x 5		■	229	127	200	960	790	855	720	695	570
10 x 4 x 6 1/4		■	252	102	225	785	645	700	590	570	465
10 x 4 x 6 1/2		■	254	102	229	780	640	695	585	565	465
10 x 5 x 6 1/2	■		256	127	230	1015	835	905	760	735	605
10 x 5 x 6 1/2		■	254	127	229	1015	835	905	760	735	605
10 1/2 x 5 x 6 1/2		■	267	127	237	1075	885	960	810	780	640
10 1/2 x 6 x 6 1/2		■	267	152	237	1335	1095	1190	1000	970	795
12 x 4 x 8		■	305	102	275	905	745	810	680	660	540
12 x 4 1/2 x 8		■	305	114	275	1040	855	930	780	755	620
12 x 5 x 8		■	305	127	275	1190	975	1060	890	865	710
12 x 5 1/2 x 8		■	305	140	275	1340	1100	1195	1005	970	795
13 x 4 1/2 x 8		■	330	114	292	1115	920	995	840	810	665
13 1/2 x 4 1/2 x 8		■	343	114	301	1145	940	1020	860	830	680
13 1/2 x 5 1/2 x 8	■		347	140	303	1510	1240	1350	1135	1095	900
13 1/2 x 5 1/2 x 8		■	343	140	301	1510	1240	1350	1135	1095	900
14 x 4 1/2 x 8	■		360	114	312	1165	955	1040	875	845	695
14 x 4 1/2 x 8		■	356	114	309	1165	955	1040	875	845	695
14 x 5 x 10	■		358	127	328	1335	1100	1195	1000	970	795
14 x 5 x 10		■	356	127	326	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 5 x 10 1/2		■	403	127	362	1505	1240	1345	1130	1095	895
16 x 6 x 10 1/2	■		411	152	367	1905	1565	1700	1430	1385	1135
16 x 6 x 10 1/2		■	403	152	362	1905	1565	1700	1430	1385	1135
16 x 7 x 10 1/2	■		411	178	367	2320	1905	2070	1740	1685	1380
16 x 7 x 10 1/2		■	406	178	364	2320	1905	2070	1740	1685	1380
15 x 4 x 11 1/4		■	382	102	354	1065	875	950	800	775	635
15 x 5 x 11 1/4	■		383	127	355	1390	1145	1240	1045	1010	830
15 x 5 x 11 1/4		■	381	127	354	1390	1145	1240	1045	1010	830
15 x 6 x 11 1/4		■	381	152	354	1720	1410	1535	1290	1250	1025
16 1/4 x 5 x 11 1/4	■		415	127	376	1525	1250	1360	1145	1105	905
16 1/4 x 5 x 11 1/4		■	410	127	373	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 6 x 11 1/4		■	410	152	373	1915	1570	1710	1435	1390	1140
16 1/4 x 7 x 11 1/4	■		415	178	376	2320	1905	2070	1740	1685	1380
16 1/4 x 7 x 11 1/4		■	413	178	375	2320	1905	2070	1740	1685	1380
17 x 5 x 12 1/8		■	432	127	395	1575	1295	1405	1180	1145	940
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 5 x 12 1/8		■	457	127	412	1640	1350	1465	1230	1195	980
18 x 6 x 12 1/8	■		462	152	415	2090	1715	1865	1565	1515	1245
18 x 6 x 12 1/8		■	457	152	412	2090	1715	1865	1565	1515	1245
18 x 7 x 12 1/8	■		462	178	415	2555	2100	2280	1915	1855	1520
18 x 7 x 12 1/8		■	457	178	412	2555	2100	2280	1915	1855	1520
18 x 8 x 12 1/8	■		462	203	415	3000	2465	2680	2250	2180	1785
18 x 8 x 12 1/8		■	457	203	412	3000	2465	2680	2250	2180	1785
18 x 9 x 12 1/8	■		462	229	415	3465	2845	3095	2600	2515	2060



Additional Facts About the Solideal Magnum Press-On Tires

TIRE SIZE ⁽¹⁾	TREAD PATTERN		ACTUAL TIRE DIMENSIONS			LOAD CAPACITY ⁽²⁾ Counterbalanced lift trucks					
	Magnum Traction	Magnum Smooth	Overall diameter (mm)	Overall width (mm)	REPLACEMENT OVERALL Diameter ⁽³⁾ (mm)	10 km/h		16 km/h		25 km/h	
						Load wheel	Steering wheel	Load wheel	Steering wheel	Load wheel	Steering wheel
18 x 9 x 12 1/8		■	457	229	412	3465	2845	3095	2600	2515	2060
21 x 6 x 15	■		538	152	490	2345	1925	2095	1760	1705	1395
21 x 7 x 15	■		538	178	490	2870	2360	2565	2155	2085	1710
21 x 7 x 15		■	533	178	487	2870	2360	2565	2155	2085	1710
21 x 8 x 15	■		538	203	490	3375	2775	3015	2530	2450	2010
21 x 8 x 15		■	533	203	487	3375	2775	3015	2530	2450	2010
21 x 9 x 15	■		538	229	490	3900	3205	3485	2925	2835	2320
21 x 9 x 15		■	533	229	487	3900	3205	3485	2925	2835	2320
20 x 8 x 16	■		510	203	480	3010	2470	2685	2255	2185	1790
20 x 9 x 16		■	508	229	480	3445	2830	3075	2580	2500	2050
22 x 6 x 16	■		563	152	516	2430	1995	2170	1825	1765	1445
22 x 6 x 16		■	559	152	514	2430	1995	2170	1825	1765	1445
22 x 7 x 16	■		563	178	516	2975	2445	2660	2230	2160	1770
22 x 7 x 16		■	559	178	514	2975	2445	2660	2230	2160	1770
22 x 8 x 16	■		563	203	516	3500	2875	3125	2625	2540	2085
22 x 8 x 16		■	559	203	514	3500	2875	3125	2625	2540	2085
22 x 9 x 16	■		563	229	516	4045	3325	3615	3035	2940	2140
22 x 9 x 16		■	559	229	514	4045	3325	3615	3035	2940	2140
22 x 10 x 16	■		563	254	516	4570	3755	4080	3430	3320	2720
22 x 10 x 16		■	559	254	514	4570	3755	4080	3430	3320	2720
22 x 12 x 16	■		564	305	517	5640	4635	5035	4230	4095	3355
22 x 12 x 16		■	559	305	514	5640	4635	5035	4230	4095	3355
22 x 14 x 16		■	559	356	514	6710	5510	5990	5030	4875	3995
22 x 16 x 16		■	559	406	514	7760	6375	6925	5820	5635	4620
22 x 6 x 17 3/4		■	559	152	529	2345	1930	2095	1760	1705	1395
22 x 8 x 17 3/4		■	559	203	529	3285	2695	2930	2460	2385	1955
22 x 12 x 17 3/4	■**		559	305	529	5155	4235	4600	3865	3740	3070
22 x 14 x 17 3/4	■**		559	356	529	6090	5000	5435	4565	3740	3625
26 x 6 x 20		■	663	152	617	2755	2260	2460	2065	2000	1640
26 x 7 x 20		■	663	178	617	3370	2770	3010	2530	2445	2005
28 x 10 x 22	■		716	254	669	5470	4495	4885	4105	3970	3255
28 x 10 x 22		■	711	254	666	5470	4495	4885	4105	3970	3255
28 x 12 x 22	■		716	305	669	6750	5545	6025	5060	4900	4015
28 x 12 x 22		■	711	305	666	6750	5545	6025	5060	4900	4015
28 x 14 x 22		■	711	356	666	8030	6595	7170	6020	5830	4780
28 x 16 x 22		■	711	406	666	9280	7625	8290	6960	6740	5525
40 x 12 x 30		■	1020	305	941	8760	7165	7620	6255	6140	5005
40 x 14 x 30		■	1020	356	941	10610	8680	9230	7575	7440	6060
40 x 16 x 30		■	1020	406	941	12420	10160	10805	8870	8710	7095
40 x 20 x 30		■	1020	508	941	16120	13190	14025	11515	11305	9210
250 / 75 - 140		■	250	75	218	560	460	500	420	-	-
250 / 130 - 140		■	250	130	218	1065	875	950	800	775	635
250 / 80 - 170		■	250	80	228	620	510	555	460	-	-
250 / 105 - 170		■	250	105	228	785	645	700	590	570	465
265 / 85 - 190 K		■	265	85	245	690	570	615	515	-	-
300 / 90 - 203		■	300	90	272	835	685	745	625	-	-
365 / 160 - 220		■	365	160	321	1880	1545	1680	1410	1365	1120



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	Magnum Traction	Magnum Smooth	Overall diameter (mm)	Overall width (mm)	REPLACEMENT OVERALL Diameter ⁽³⁾ (mm)	10 km/h		16 km/h		25 km/h	
						Load wheel	Steering wheel	Load wheel	Steering wheel	Load wheel	Steering wheel
300 / 75 - 240		■	301	75	285	625	515	560	470	-	-
360 / 85 - 270		■	362	85	336	885	730	790	660	-	-
350 / 90 - 280		■	350	90	331	900	740	805	675	-	-
405 / 130 - 305		■	407	130	377	1510	1240	1350	1130	1095	900
405 / 260 - 305		■	405	260	377	3325	2730	2970	2495	2415	1980
415 / 75 - 305		■	417	75	384	820	675	730	610	-	-
415 / 90 - 305		■	417	90	384	1065	875	950	795	-	-
415 / 100 - 305		■	417	100	384	1115	915	995	835	810	665
425 / 150 - 305		■	427	150	391	1910	1570	1705	1435	1390	1135
425 / 260 - 305		■	425	260	391	3625	2975	3235	2720	2630	2155
425 / 300 - 305		■	427	300	392	4245	3490	3790	3185	3085	2530
450 / 300 - 305		■	450	300	407	4650	3820	4150	3490	3375	2770
520 / 120 - 370		■	520	120	474	1670	1370	1490	1255	1215	995
550 / 150 - 370		■	553	150	496	2345	1930	2095	1760	1705	1395
540 / 200 - 410		■	540	200	502	3270	2685	2920	2450	2375	1945
550 / 120 - 410		■	550	120	509	1750	1440	1565	1315	1270	1040
550 / 160 - 410		■	550	160	509	2555	2095	2280	1915	1855	1520
645 / 250 - 410		■	645	250	572	4805	3935	4185	3435	3370	2745
645 / 300 - 410		■	645	300	572	6060	4960	5275	4330	4250	3465
660 / 203 - 480		■	660	203	606	3695	3025	3215	2640	2590	2110
660 / 250 - 480	■**		660	250	606	4785	3915	4160	3415	3355	2735
660 / 250 - 480		■	660	250	606	4785	3915	4160	3415	3355	2735
660 / 280 - 480		■	660	280	606	5480	4480	4765	3915	3840	3130
760 / 250 - 500		■	764	250	682	5440	4450	4730	3885	3815	3110
840 / 350 - 559		■	845	350	757	9100	7445	7920	6500	6380	5200

EXCEPTIONS

■** LUG PATTERN

Remarks

- (1) Tolerances on wheel diameter • Code designated Sizes (inch sizes): nominal rim diameter +0.005"/-0"
Metric sizes (mm sizes): 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.

**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.**

