

SOLIDEAL MAGNUM SMOOTH

BY CAMSO



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



camsos.com



**ROAD
FREE
COMPANY**

FORMERLY
CAMOPLAST
SOLIDEAL

PRESS-ON TIRES

SOLIDEAL MAGNUM SMOOTH

BY CAMSO

TIRE SIZE ⁽¹⁾	TREAD	ACTUAL TIRE DIMENSIONS			LOAD CAPACITY ⁽²⁾ Counterbalanced lift trucks (lbs)					
		OVERALL DIAMETER	OVERALL WIDTH	REPLACEMENT OVERALL DIAMETER ⁽³⁾	6 mph		10 mph		16 mph	
	SMOOTH	(in)	(in)	(in)	LOAD WHEEL	STEERING WHEEL	LOAD WHEEL	STEERING WHEEL	LOAD WHEEL	STEERING WHEEL
9 x 5 x 5	■	9.0	5.0	7.9	2116	1742	1885	1587	1532	1257
10 x 4 x 6 1/4	■	9.9	4.0	8.9	1731	1422	1543	1301	1257	1025
10 x 5 x 6 1/4	■	10.0	5.0	8.9	2260	1863	2017	1698	1642	1345
10 x 4 x 6 1/2	■	10.0	4.0	9.0	1720	1411	1532	1290	1246	1025
10 x 4 3/4 x 6 1/2	■	10.0	4.8	9.0	2094	1720	1863	1565	1521	1246
10 x 4 15/16 x 6 1/2	■	10.1	4.9	9.1	2238	1841	1995	1675	1620	1334
10 x 5 x 6 1/2	■	10.0	5.0	9.0	2238	1841	1995	1675	1620	1334
10 1/2 x 5 x 6 1/2	■	10.5	5.0	9.3	2370	1951	2116	1786	1720	1411
10 1/2 x 6 x 6 1/2	■	10.5	6.0	9.3	2943	2414	2623	2205	2138	1753
12 x 4 x 8	■	12.0	4.0	10.8	1995	1642	1786	1499	1455	1190
12 x 4 1/2 x 8	■	12.0	4.5	10.8	2293	1885	2050	1720	1664	1367
12 x 5 x 8	■	12.0	5.0	10.8	2623	2149	2337	1962	1907	1565
12 x 5 1/2 x 8	■	12.0	5.5	10.8	2954	2425	2634	2216	2138	1753
13 x 3 1/2 x 8	■	13.0	3.5	11.5	1918	1576	1709	1422	-	-
13 x 4 1/2 x 8	■	13.0	4.5	11.5	2458	2028	2194	1852	1786	1466
13 1/2 x 4 1/2 x 8	■	13.5	4.5	11.8	2524	2072	2249	1896	1830	1499
13 1/2 x 5 1/2 x 8	■	13.5	5.5	11.8	3329	2734	2976	2502	2414	1984
14 x 4 1/2 x 8	■	14.0	4.5	12.2	2568	2105	2293	1929	1863	1532
14 x 5 x 10	■	14.0	5.0	12.9	2943	2425	2634	2205	2138	1753
15 1/2 x 6 x 10	■	15.5	6.0	13.8	4112	3373	3671	3075	2987	2447
16 x 5 x 10 1/2	■	15.9	5.0	14.3	3318	2734	2965	2491	2414	1973
16 x 6 x 10 1/2	■	15.9	6.0	14.3	4200	3450	3748	3153	3053	2502
16 x 7 x 10 1/2	■	16.0	7.0	14.3	5115	4200	4564	3836	3715	3042
15 x 4 x 11 1/4	■	15.0	4.0	13.9	2348	1929	2094	1764	1709	1400
15 x 5 x 11 1/4	■	15.0	5.0	13.9	3064	2524	2734	2304	2227	1830
15 x 6 x 11 1/4	■	15.0	6.0	13.9	3792	3108	3384	2844	2756	2260
16 1/4 x 5 x 11 1/4	■	16.1	5.0	14.7	3362	2756	2998	2524	2436	1995
16 1/4 x 6 x 11 1/4	■	16.1	6.0	14.7	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
16 1/4 x 8 x 11 1/4	■	16.3	8.0	14.8	5974	4905	5335	4475	4332	3560
17 x 5 x 12 1/8	■	17.0	5.0	15.6	3472	2855	3097	2601	2524	2072
18 x 5 x 12 1/8	■	18.0	5.0	16.2	3616	2976	3230	2712	2634	2161

EXCEPTIONS * MAG SEMI PATTERN ** LUG PATTERN

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		OVERALL DIAMETER	OVERALL WIDTH	REPLACEMENT OVERALL DIAMETER ⁽³⁾	6 mph		10 mph		16 mph	
	SMOOTH	(in)	(in)	(in)	LOAD WHEEL	STEERING WHEEL	LOAD WHEEL	STEERING WHEEL	LOAD WHEEL	STEERING WHEEL
18 x 6 x 12 1/8	■	18.0	6.0	16.2	4608	3781	4112	3450	3340	2745
18 x 7 x 12 1/8	■	18.0	7.0	16.2	5633	4630	5026	4222	4090	3351
18 x 8 x 12 1/8	■	18.0	8.0	16.2	6614	5434	5908	4960	4806	3935
18 x 9 x 12 1/8	■	18.0	9.0	16.2	7639	6272	6823	5732	5545	4541
20 x 8 x 15	■	20.0	8.0	18.5	6978	5732	6228	5236	5060	4156
21 x 7 x 15	■	21.0	7.0	19.2	6327	5203	5655	4751	4597	3770
21 x 8 x 15	■	21.0	8.0	19.2	7441	6118	6647	5578	5401	4431
21 x 9 x 15	■	21.0	9.0	19.2	8598	7066	7683	6448	6250	5115
20 x 8 x 16	■	20.0	8.0	18.8	6636	5445	5919	4971	4817	3946
20 x 9 x 16	■	20.0	9.0	18.9	7595	6239	6779	5688	5512	4519
22 x 6 x 16	■	22.0	6.0	20.2	5357	4398	4784	4023	3891	3186
22 x 7 x 16	■	22.0	7.0	20.2	6559	5390	5864	4916	4762	3902
22 x 8 x 16	■	22.0	8.0	20.2	7716	6338	6889	5787	5600	4597
22 x 9 x 16	■	22.0	9.0	20.2	8918	7330	7970	6691	6482	4718
22 x 10 x 16	■	22.0	10.0	20.2	10075	8278	8995	7562	7319	5997
22 x 12 x 16	■	22.0	12.0	20.2	12434	10218	11100	9325	9028	7396
22 x 14 x 16	■	22.0	14.0	20.2	14793	12147	13206	11089	10747	8807
22 x 16 x 16	■	22.0	16.0	20.2	17108	14054	15267	12831	12423	10185
22 x 6 x 17 3/4	■	22.0	6.0	20.8	5170	4255	4619	3880	3759	3075
22 x 7 x 17 3/4	■	22.0	7.0	20.8	6228	5115	5556	4674	4519	3704
22 x 8 x 17 3/4	■	22.0	8.0	20.8	7242	5941	6459	5423	5258	4310
26 x 6 x 20	■	26.1	6.0	24.3	6074	4982	5423	4552	4409	3616
26 x 7 x 20	■	26.1	7.0	24.3	7430	6107	6636	5578	5390	4420
28 x 10 x 22	■	28.0	10.0	26.2	12059	9910	10769	9050	8752	7176
28 x 12 x 22	■	28.0	12.0	26.2	14881	12225	13283	11155	10803	8851
28 x 14 x 22	■	28.0	14.0	26.2	17703	14539	15807	13272	12853	10538
28 x 16 x 22	■	28.0	16.0	26.2	20459	16810	18276	15344	14859	12180
40 x 12 x 30	■	40.2	12.0	37.1	19312	15796	16799	13790	13536	11034
40 x 14 x 30	■	40.2	14.0	37.1	23391	19136	20348	16700	16402	13360

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	SMOOTH	(in)	(in)	(in)	LOAD WHEEL	STEERING WHEEL	LOAD WHEEL	STEERING WHEEL	LOAD WHEEL	STEERING WHEEL
40 x 16 x 30	■	40.2	16.0	37.1	27381	22399	23821	19555	19202	15642
40 x 20 x 30	■	40.2	20.0	37.1	35538	29079	30920	25386	24923	20304
250 / 75 - 140	■	9.8	3.0	8.6	1235	1014	1102	926	-	-
250 / 130 - 140	■	9.8	5.1	8.6	2348	1929	2094	1764	1709	1400
250 / 80 - 170	■	9.8	3.1	9.0	1367	1124	1224	1014	-	-
250 / 105 - 170	■	9.8	4.1	9.0	1731	1422	1543	1301	1257	1025
265 / 85 - 190 K	■	10.4	3.3	9.6	1521	1257	1356	1135	-	-
300 / 90 - 203	■	11.8	3.5	10.7	1841	1510	1642	1378	-	-
365 / 160 - 220	■	14.4	6.3	12.6	4145	3406	3704	3108	3009	2469
300 / 75 - 240	■	11.9	3.0	11.2	1378	1135	1235	1036	-	-
360 / 60 - 270	■	14.3	2.4	13.2	1213	992	1080	904	-	-
360 / 85 - 270	■	14.3	3.3	13.2	1951	1609	1742	1455	-	-
350 / 90 - 280	■	13.8	3.5	13.0	1984	1631	1775	1488	-	-
405 / 130 - 305	■	16.0	5.1	14.9	3329	2734	2976	2491	2414	1984
405 / 260 - 305	■	15.9	10.2	14.9	7330	6019	6548	5500	5324	4365
415 / 75 - 305	■	16.4	3.0	15.1	1808	1488	1609	1345	-	-
415 / 90 - 305	■	16.4	3.5	15.1	2348	1929	2094	1753	-	-
415 / 100 - 305	■	16.4	3.9	15.1	2458	2017	2194	1841	1786	1466
425 / 150 - 305	■	16.8	5.9	15.4	4211	3461	3759	3164	3064	2502
425 / 260 - 305	■	16.7	10.2	15.4	7992	6559	7132	5997	5798	4751
425 / 300 - 305	■	16.8	11.8	15.4	9359	7694	8355	7022	6801	5578
450 / 300 - 305	■	17.7	11.8	16.0	10251	8422	9149	7694	7441	6107
520 / 120 - 370	■	20.5	4.7	18.7	3682	3020	3285	2767	2679	2194
550 / 150 - 370	■	21.8	5.9	19.5	5170	4255	4619	3880	3759	3075
540 / 200 - 410	■	21.3	7.9	19.8	7209	5919	6437	5401	5236	4288
550 / 120 - 410	■	21.7	4.7	20.0	3858	3175	3450	2899	2800	2293
550 / 160 - 410	■	21.7	6.3	20.0	5633	4619	5026	4222	4090	3351
645 / 220 - 410	■	25.4	8.7	22.5	8940	7319	7782	6382	6272	5104
645 / 250 - 410	■	25.4	9.8	22.5	10593	8675	9226	7573	7430	6052
645 / 300 - 410	■	25.4	11.8	22.5	13360	10935	11629	9546	9370	7639
645 / 350 - 410	■	25.4	13.8	22.5	16127	13195	14032	11519	11310	9215
660 / 203 - 480	■	26.0	8.0	23.8	8146	6669	7088	5820	5710	4652
660 / 250 - 480	■	26.0	9.8	23.8	10549	8631	9171	7529	7396	6030
660 / 280 - 480	■	26.0	11.0	23.8	12081	9877	10505	8631	8466	6900
760 / 250 - 500	■	30.1	9.8	26.8	11993	9810	10428	8565	8411	6856
840 / 350 - 559	■	33.3	13.8	29.8	20062	16413	17460	14330	14065	11464

EXCEPTIONS * MAG SEMI PATTERN ** LUG PATTERN

SOLIDEAL MAGNUM SMOOTH

BY CAMSO

OPTIMAL CROWNED PROFILE

- Excellent cushioning for improved comfort



HIGH-PERFORMANCE NATURAL RUBBER COMPOUND

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

AVAILABLE IN NON-MARKING COMPOUND



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.

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.



Camso is the best of Camoplast and Solideal.
To keep moving forward while staying true to our history,
we're now the Road Free company.

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