



# Solideal Magnum

## Resilient Tires



THE GOLD STANDARD IN RELIABILITY



**WIDE PROFILE AND FLAT FOOTPRINT**  
Increases stability and grip



**LARGE TREAD BLOCKS AND DEEP LUGS**  
Maximize life and traction



**PREMIUM 3-STAGE RUBBER COMPOUNDING**  
Improves wear rate and ride quality



**Up to 5 times more durable  
than a pneumatic tire**



The five lives of Magnum

## 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](http://camoplastsolideal.com)



**solideal**



# Additional Facts About the Solideal Magnum Resilient Tires

TIRE SIZE	RIM SIZE <sup>(1)</sup>	HEEL		ACTUAL TIRE DIMENSIONS		WEARABLE HEIGHT (mm)	LOAD CAPACITY <sup>(2)</sup>	
		Normal	Quick	Overall diameter (mm)	Overall width (mm)		Counterbalanced lift trucks Up to 25 km/h	
							Load wheel	Steering wheel
3.00-4	2.10-4	■	-	251	84	23	255	195
3.00-4	2.50C-4	■	-	251	84	23	255	195
4.00-4	2.10-4	■	-	307	96	36	535	410
4.00-4	2.50C-4	■	-	307	96	36	535	410
4.00-8	3.00D-8	■	■	410	103	34	950	730
5.00-8	3.00D-8	■	■	450	122	39	1415	1090
15x4 1/2-8 (125/75-8)	3.00D-8	■	■	376	114	28	1040	800
15x4 1/2-8 (125/75-8)	3.25I-8	■	-	376	114	26	1040	800
16x6-8 (150/75-8)	4.33R-8	■	■	412	150	34	1495	1150
18x7-8 (180/70-8)	4.33R-8	■	■	454	157	46	2145	1650
140/55-9	4.00E-9	-	■	379	130	28	1170	900
5.00-9	3.50D-9	■	-	487	129	34	1445	1110
6.00-9	4.00E-9	■	■	523	138	52	1885	1450
21x8-9 (200/75-9)	6.00E-9	■	■	517	187	48	2755	2120
200/50-10	6.50F-10	■	■	461	191	35	2470	1900
6.50-10	5.00F-10	■	■	566	162	55	2340	1800
23x9-10 (225/75-10)	6.50F-10	■	■	583	204	52	3445	2650
7.50-10	5.00F-10	■	■	631	180	68	3070	2360
7.50-10	5.50F-10	■	■	631	184	68	3070	2360
23x10-12 (250/60-12)	8.00G-12	■	■	586	234	50	3770	2900
27x10-12 (250/75-12)	8.00G-12	■	■	680	248	64	3900	3000
7.00-12	5.00S-12	■	■	652	172	61	2920	2240
8.25-12	5.00S-12	■	-	723	187	65	3440	2645
150/100-13 (23x5)	3.75P-13	■	■	621	146	46	1715	1320
28x9-15 (8.15-15 & 225/75-15)	7.00-15	■	■	687	218	54	3770	2900
355/50-15	9.75-15	■	■	712	295	52	5525	4250
355/65-15 (32x12.1-15)	9.75-15	■	■	819	312	75	7800	6000
250-15 (250/70-15)	7.00-15	■	■	716	225	60	4750	3650
250-15 (250/70-15)	7.50-15	■	■	716	225	60	4750	3650
300-15 (315/70-15)	8.00-15	■	■	815	257	75	5850	4500
310-15 EW	8.00V-15	■	-	819	312	75	6175	4750
6.00-15	4.50E-15SDC	■	-	698	160	44	2725	2095
7.00-15	5.50-15	■	■	729	179	60	3545	2725
7.00-15	6.00-15	■	-	729	179	60	3545	2725
7.50-15	5.50-15	■	■	752	199	62	3900	3000
7.50-15	6.00-15	■	■	752	199	62	3900	3000
7.50-15	6.50-15	■	■	752	199	62	3900	3000
8.25-15 (7.50-15(32))	5.50-15	■	■	813	212	72	4600	3540
8.25-15 (7.50-15(32))	6.00-15	■	■	813	212	72	4750	3650
8.25-15 (7.50-15(32))	6.50-15	■	■	813	212	72	4750	3650
7.50-16	6.00-16	■	-	794	210	70	3965	3050
10.00-20	6.50-20	■	-	1035	255	82	5850	4875
10.00-20	7.00-20	■	-	1035	255	82	6000	5000
10.00-20	7.50-20	■	-	1035	255	82	6000	5000
10.00-20	8.00-20	■	■	1035	252	82	6000	5000
11.00-20	8.00-20	■	■	1060	256	96	6540	5450
12.00-20	8.00-20	■	-	1090	283	88	7560	6300



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		Normal	Quick	Overall diameter (mm)	Overall width (mm)		Counterbalanced lift trucks Up to 25 km/h	
							Load wheel	Steering wheel
<b>12.00-20</b>	8.50-20	■	-	1090	283	88	7560	6300
<b>14.00-24</b>	10.00-24IRA	■	-	1320	333	108	11100	9250
<b>14.00-25</b>	11.25-25	■	-	1334	383	105	12480	10400
<b>16.00-25</b>	11.25-25	■	-	1445	416	125	15000	12500

#### 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.

**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.**

