

MAGNUM TYRES

Magnum 3-Layer Compound Long-Distance, Long-Life Solid Tyres

- The Magnum 3-layer compound cushion solid tires are engineered for exceptional durability and long-distance performance.
- Manufactured in the Michelin-owned facility in Sri Lanka, these tires have been a trusted choice for over 20 years, making them one of the most popular options for long-lasting, high-performance solid tires worldwide.
- The tread features a specially formulated RES 550 compound, crafted with advanced chemicals and the finest natural rubber to maximize tire long tyre life Tyre Life.
- Developed for heavy-duty, long-distance applications, resulting in the lowest cost per hour for your operations.

FEATURES AND BENEFITS

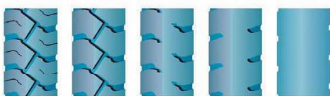
- Strong bead area with strong bead wires --stop slipping on the wheel rim
- Middle Layer 3 layer / compound tyre - made from pure rubber compounds. -- helps the tire maintain a cooler temperature during long distance travel, preventing tyre failure and contributing to a long tyre life.
- Tread Rubber - special Res 550 modern long-life rubber for longer tyre life.

SOLIDEAL MAGNUM



A MAGNUM FOR THE NEW MILLENNIUM

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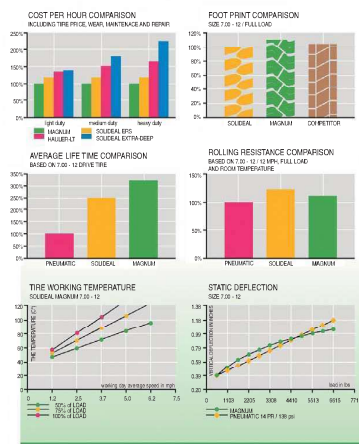
THE FIVE LIVES OF MAGNUM

After consultations with end users throughout the world, Solideal realized that there was a need for a "Premium Plus" resilient solid tire. Working closely with outside specialists, our design team, utilizing CAD technology and computer modeling, spent over two years developing the Solideal Magnum. Our chemists formulated brand new natural rubber compounds for the tread rubber and the highly resilient center core. They also used the latest chemical strengtheners in the rubber base to create the toughest and most durable solid resilient tire in the world. The Magnum tread has extra deep lugs for maximum traction. A lug to void ratio far greater than competitors tires will ensure longer

lifetime. The wide flat tread profile gives a huge footprint for optimum stability. The highly resilient center compound absorbs shocks thus cushioning the load and allowing even greater driver comfort. Engineered steel beads in the extra strengthened base compound give a positive fitment for both the standard tire and the "quick" variant. This tough base also gives greater support for the load. Natural rubber has inherent low heat build-up and low rolling resistance properties. Because Solideal uses only premium natural rubber, the Magnum will run at higher speeds over longer distances.



THE NATURAL CHOICE



THE NATURAL CHOICE

RESILIENT

SOLIDEAL RES 550 MAGNUM SERIES

BY CAMSO

USAGE INTENSITY



TIRE SIZE	RIM SIZE ⁽¹⁾	HEEL		ACTUAL TIRE DIMENSIONS		WEARABLE HEIGHT	LOAD CAPACITY ⁽²⁾ Counterbalanced lift trucks (kg)	
				OVERALL DIAMETER	OVERALL WIDTH		Load wheel	Steering wheel
		NORMAL	QUICK	(mm)	(mm)	(mm)	Up to 25 km/h	Up to 25 km/h
							(kg)	(kg)
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
18X9-8	7.00E-8	■		454	212	46	2535	1950
140/55-9	4.00E-9		■	379	130	28	1170	900
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
6.50-10	5.50F-10	■		566	158	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)	6.50-15	■		687	214	54	3770	2900
28x9-15 (8.15-15 & 225/75-15)	7.00-15	■	■	687	218	54	3445	2650
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
5.50-15	4.50E-15SDC	■		661	152	55	2430	1870
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	4750	3650
8.25-15 (7.50-15(32))	6.50-15	■	■	813	212	72	4600	3540
7.50-16	6.00-16	■		794	210	70	3965	3050

TIRE SIZE	RIM SIZE ⁽¹⁾	HEEL		ACTUAL TIRE DIMENSIONS		WEARABLE HEIGHT	LOAD CAPACITY ⁽²⁾ Counterbalanced lift trucks (kg)	
				OVERALL DIAMETER	OVERALL WIDTH		Load wheel	Steering wheel
		NORMAL	QUICK	(mm)	(mm)	(mm)	Up to 25 km/h (kg)	Up to 25 km/h (kg)
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
12.00-20	8.50-20	■		1090	283	88	7560	6300
12.00-20	10.00-20	■		1090	334	88	7800	6500
14.00-24	10.00-24IRA	■		1320	333	108	11100	9250
14.00-25	11.25-25	■		1334	383	105	12480	10400
16.00-25	11.25-25	■		1445	416	125	15000	12500

WIDE PROFILE AND FLAT FOOTPRINT

- Increases stability and grip

LARGE TREAD BLOCKS AND DEEP LUGS

- Maximizes life and traction

ESTABLISHED TREAD PATTERN DESIGN

- Proven reliability for over 25 years



EXCEPTIONAL TREAD RUBBER COMPOUND PROPERTIES

- Make this tire the longest lasting tire in the industry for medium intensity applications*

60J LINE

- Ensures maximum tire utilization



AVAILABLE IN NON-MARKING COMPOUND

* Based on internal testing

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.

AUTHORIZED DISTRIBUTOR:

RESILIENT

SOLIDEAL XTREME

TIRE SIZE	RIM SIZE ⁽¹⁾	HEEL		ACTUAL TIRE DIMENSIONS		WEARABLE HEIGHT	LOAD CAPACITY
				OVERALL DIAMETER	OVERALL WIDTH		Counterbalanced lift
		NORMAL	QUICK			(mm)	(mm)
5.00-8	3.00D-8	■	■	450	122	39	1415
15x4 1/2-8 (125/75-8)	3.00D-8	■	■	376	114	28	1040
16x6-8 (150/75-8)	4.33R-8	■	■	412	150	34	1495
18x7-8 (180/70-8)	4.33R-8	■	■	451	153	46	2145
140/55-9	4.00E-9		■	377	130	28	1170
6.00-9	4.00E-9	■	■	524	138	52	1885
21x8-9	6.00E-9	■	■	519	187	49	2755
180/60-10	5.00F-10		■	452	160	33	2405
200/50-10	6.50F-10	■	■	461	191	35	2470
6.50-10	5.00F-10	■	■	566	162	55	2340
23x9-10 (225/75-10)	6.50F-10	■	■	583	204	52	3445
23x10-12 (250/60-12)	8.00G-12	■	■	586	234	45	3770
23x12-12(315/45-12)	10.00G-12	■	■	584	281	43	4485
27x10-12 (250/75-12)	8.00G-12	■	■	680	244	64	3900
7.00-12	5.00S-12	■	■	650	168	63	2920
28x9-15 (8.15-15 & 225/75-15)	7.00-15	■	■	687	218	54	3770
355/45-15 (28x12.5-15)	9.75-15	■	■	689	291	46	5525
355/50-15	9.75-15	■	■	712	295	52	5525
355/65-15 (32x12.1-15)	9.75-15	■	■	819	312	75	7800
250-15 (250/70-15)	7.00-15	■	■	719	225	62	4750
250-15 (250/70-15)	7.50-15	■	■	719	225	62	4750
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7.00-15	6.00-15	■		729	179	60	3545
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10.00-20	7.50-20	■	■	1035	255	82	6000
10.00-20	8.00-20	■	■	1035	255	82	6000
465 / 55 - 20	16.00-20	■		1022	462	77	10800