

# SOLIDEAL MAGNUM SMOOTH



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 SMOOTH

| TIRE SIZE <sup>(1)</sup> | ACTUAL TIRE DIMENSIONS |               |   | LOAD CAPACITY <sup>(2)</sup> Counterbalanced lift trucks (lbs) |                |            |                |            |                |
|--------------------------|------------------------|---------------|---|--|----------------|------------|----------------|------------|----------------|
|                          | OVERALL DIAMETER       | OVERALL WIDTH | REPLACEMENT OVERALL DIAMETER <sup>(3)</sup> | 6 mph  |                | 10 mph     |                | 16 mph     |                |
|                          |                        |               |   | LOAD WHEEL   | STEERING WHEEL | LOAD WHEEL | STEERING WHEEL | LOAD WHEEL | STEERING WHEEL |
|                          | (in)                   | (in)          | (in)  |  |                |            |                |            |                |
| 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           |

| TIRE SIZE <sup>(1)</sup> | ACTUAL TIRE DIMENSIONS   |                       |   | LOAD CAPACITY <sup>(2)</sup> Counterbalanced lift trucks (lbs) |                |            |                |            |                |
|--------------------------|--------------------------|-----------------------|---|--|----------------|------------|----------------|------------|----------------|
|                          | OVERALL DIAMETER<br>(in) | OVERALL WIDTH<br>(in) | REPLACEMENT OVERALL DIAMETER <sup>(3)</sup><br>(in) | 6 mph  |                | 10 mph     |                | 16 mph     |                |
|                          |                          |                       |   | 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          |

| TIRE SIZE <sup>(1)</sup> | ACTUAL TIRE DIMENSIONS |               |   | LOAD CAPACITY <sup>(2)</sup> Counterbalanced lift trucks (lbs) |                |            |                |            |                |
|--------------------------|------------------------|---------------|---|--|----------------|------------|----------------|------------|----------------|
|                          | OVERALL DIAMETER       | OVERALL WIDTH | REPLACEMENT OVERALL DIAMETER <sup>(3)</sup> | 6 mph  |                | 10 mph     |                | 16 mph     |                |
|                          |                        |               |   | LOAD WHEEL   | STEERING WHEEL | LOAD WHEEL | STEERING WHEEL | LOAD WHEEL | STEERING WHEEL |
|                          | (in)                   | (in)          | (in)  |  |                |            |                |            |                |
| 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          |

# SOLIDEAL MAGNUM SMOOTH

## OPTIMAL CROWNED PROFILE

- Excellent cushioning for improved comfort



## 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.

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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# SOLIDEAL MAGNUM SMOOTH



METRIC UNIT

PRESS-ON  
TIRES



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Durability



Energy Savings



Tire Life



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# SOLIDEAL MAGNUM SMOOTH

| TIRE SIZE <sup>(1)</sup> | ACTUAL TIRE DIMENSIONS   |                       |   | LOAD CAPACITY <sup>(2)</sup> Counterbalanced lift trucks (kg) |                |            |                |            |                |
|--------------------------|--------------------------|-----------------------|---|---|----------------|------------|----------------|------------|----------------|
|                          | OVERALL DIAMETER<br>(mm) | OVERALL WIDTH<br>(mm) | REPLACEMENT OVERALL DIAMETER <sup>(3)</sup><br>(mm) | 10 kmh  |                | 16 kmh     |                | 25 kmh     |                |
|                          |                          |                       |   | 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 5 x 6 1/4           | 254                      | 127                   | 227   | 1025  | 845            | 915        | 770            | 745        | 610            |
| 10 x 4 x 6 1/2           | 254                      | 102                   | 229   | 780   | 640            | 695        | 585            | 565        | 465            |
| 10 x 4 3/4 x 6 1/2       | 254                      | 121                   | 229   | 950   | 780            | 845        | 710            | 690        | 565            |
| 10 x 4 15/16 x 6 1/2     | 257                      | 125                   | 231   | 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 3 1/2 x 8           | 330                      | 89                    | 292   | 870   | 715            | 775        | 645            | -          | -              |
| 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       | 343                      | 140                   | 301   | 1510  | 1240           | 1350       | 1135           | 1095       | 900            |
| 14 x 4 1/2 x 8           | 356                      | 114                   | 309   | 1165  | 955            | 1040       | 875            | 845        | 695            |
| 14 x 5 x 10              | 356                      | 127                   | 326   | 1335  | 1100           | 1195       | 1000           | 970        | 795            |
| 15 1/2 x 6 x 10          | 394                      | 152                   | 352   | 1865  | 1530           | 1665       | 1395           | 1355       | 1110           |
| 16 x 5 x 10 1/2          | 403                      | 127                   | 362   | 1505  | 1240           | 1345       | 1130           | 1095       | 895            |
| 16 x 6 x 10 1/2          | 403                      | 152                   | 362   | 1905  | 1565           | 1700       | 1430           | 1385       | 1135           |
| 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          | 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      | 410                      | 127                   | 373   | 1525  | 1250           | 1360       | 1145           | 1105       | 905            |
| 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      | 413                      | 178                   | 375   | 2320  | 1905           | 2070       | 1740           | 1685       | 1380           |
| 16 1/4 x 8 x 11 1/4      | 413                      | 203                   | 375   | 2710  | 2225           | 2420       | 2030           | 1965       | 1615           |
| 17 x 5 x 12 1/8          | 432                      | 127                   | 395   | 1575  | 1295           | 1405       | 1180           | 1145       | 940            |
| 18 x 5 x 12 1/8          | 457                      | 127                   | 412   | 1640  | 1350           | 1465       | 1230           | 1195       | 980            |



| TIRE SIZE <sup>(1)</sup> | ACTUAL TIRE DIMENSIONS   |                       |   | LOAD CAPACITY <sup>(2)</sup> Counterbalanced lift trucks (kg) |                |            |                |            |                |
|--------------------------|--------------------------|-----------------------|---|---|----------------|------------|----------------|------------|----------------|
|                          | OVERALL DIAMETER<br>(mm) | OVERALL WIDTH<br>(mm) | REPLACEMENT OVERALL DIAMETER <sup>(3)</sup><br>(mm) | 10 kmh  |                | 16 kmh     |                | 25 kmh     |                |
|                          |                          |                       |   | LOAD WHEEL  | STEERING WHEEL | LOAD WHEEL | STEERING WHEEL | LOAD WHEEL | STEERING WHEEL |
| 18 x 6 x 12 1/8          | 457                      | 152                   | 412   | 2090  | 1715           | 1865       | 1565           | 1515       | 1245           |
| 18 x 7 x 12 1/8          | 457                      | 178                   | 412   | 2555  | 2100           | 2280       | 1915           | 1855       | 1520           |
| 18 x 8 x 12 1/8          | 457                      | 203                   | 412   | 3000  | 2465           | 2680       | 2250           | 2180       | 1785           |
| 18 x 9 x 12 1/8          | 457                      | 229                   | 412   | 3465  | 2845           | 3095       | 2600           | 2515       | 2060           |
| 20 x 8 x 15              | 508                      | 203                   | 470   | 3165  | 2600           | 2825       | 2375           | 2295       | 1885           |
| 21 x 6 x 15              | 538                      | 152                   | 490   | 2345  | 1925           | 2095       | 1760           | 1705       | 1395           |
| 21 x 7 x 15              | 533                      | 178                   | 487   | 2870  | 2360           | 2565       | 2155           | 2085       | 1710           |
| 21 x 8 x 15              | 533                      | 203                   | 487   | 3375  | 2775           | 3015       | 2530           | 2450       | 2010           |
| 21 x 9 x 15              | 533                      | 229                   | 487   | 3900  | 3205           | 3485       | 2925           | 2835       | 2320           |
| 20 x 8 x 16              | 508                      | 203                   | 478   | 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              | 559                      | 152                   | 514   | 2430  | 1995           | 2170       | 1825           | 1765       | 1445           |
| 22 x 7 x 16              | 559                      | 178                   | 514   | 2975  | 2445           | 2660       | 2230           | 2160       | 1770           |
| 22 x 8 x 16              | 559                      | 203                   | 514   | 3500  | 2875           | 3125       | 2625           | 2540       | 2085           |
| 22 x 9 x 16              | 559                      | 229                   | 514   | 4045  | 3325           | 3615       | 3035           | 2940       | 2140           |
| 22 x 10 x 16             | 559                      | 254                   | 514   | 4570  | 3755           | 4080       | 3430           | 3320       | 2720           |
| 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 7 x 17 3/4          | 559                      | 178                   | 529   | 2825  | 2320           | 2520       | 2120           | 2050       | 1680           |
| 22 x 8 x 17 3/4          | 559                      | 203                   | 529   | 3285  | 2695           | 2930       | 2460           | 2385       | 1955           |
| 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             | 711                      | 254                   | 666   | 5470  | 4495           | 4885       | 4105           | 3970       | 3255           |
| 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           |

| TIRE SIZE <sup>(1)</sup> | ACTUAL TIRE DIMENSIONS   |                       |   | LOAD CAPACITY <sup>(2)</sup> Counterbalanced lift trucks (kg) |                |            |                |            |                |
|--------------------------|--------------------------|-----------------------|---|---|----------------|------------|----------------|------------|----------------|
|                          | OVERALL DIAMETER<br>(mm) | OVERALL WIDTH<br>(mm) | REPLACEMENT OVERALL DIAMETER <sup>(3)</sup><br>(mm) | 10 kmh  |                | 16 kmh     |                | 25 kmh     |                |
|                          |                          |                       |   | LOAD WHEEL  | STEERING WHEEL | LOAD WHEEL | STEERING WHEEL | LOAD WHEEL | STEERING WHEEL |
| 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           |
| 300 / 75 - 240           | 301                      | 75                    | 285   | 625   | 515            | 560        | 470            | -          | -              |
| 360 / 60 - 270           | 362                      | 60                    | 336   | 550   | 450            | 490        | 410            | -          | -              |
| 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 / 220 - 410          | 645                      | 220                   | 572   | 4055  | 3320           | 3530       | 2895           | 2845       | 2315           |
| 645 / 250 - 410          | 645                      | 250                   | 572   | 4805  | 3935           | 4185       | 3435           | 3370       | 2745           |
| 645 / 300 - 410          | 645                      | 300                   | 572   | 6060  | 4960           | 5275       | 4330           | 4250       | 3465           |
| 645 / 350 - 410          | 645                      | 350                   | 572   | 7315  | 5985           | 6365       | 5225           | 5130       | 4180           |
| 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 / 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 \* MAG SEMI PATTERN \*\* LUG PATTERN

# SOLIDEAL MAGNUM SM



**OPTIMAL CROWNED PROFILE**

- Excellent cushioning for improved comfort

**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.

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.



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