

## MAXIMUM RATED SPEED - MILES PER HOUR, SELECTED SIZES

|          | 11R22.5 G/H | 295/75R22.5 G | 11R24.5 G/H | 285/75R24.5 G | Speed Symbol |
|----------|-------------|---------------|-------------|---------------|--------------|
| Pattern: |             |               |             |               |              |
| M147     | 75          | 75            | 75          | 75            | L            |
| M137     | 75          | 75            | n/a         | n/a           | L            |
| M127     | 75          | 75            | 75          | 75            | L            |
| M124     | 75          | 75            | 75          | 75            | L            |
| M122     | 75          | 75            | 75          | n/a           | L            |
| M120     | 75          | 75            | 75          | n/a           | L            |
| M627     | 75          | 75            | 75          | 75            | L            |
| M610ZL   | 75          | 75            | 75          | 75            | L            |
| M320     | 68          | n/a           | 68          | n/a           | K            |
| M506     | 55          | n/a           | 55          | n/a           | G            |
| M503     | 68          | n/a           | 68          | n/a           | K            |

## TIRE SIZE AND DIMENSIONAL DEFINITIONS

The size and strength of each tire are identified and indicated on the tire.

For example:

**10.00 R 20 14PR** — Ply Rating  
 — Nominal Rim Diameter (inches)  
 — Radial Construction  
 — Nominal Section Width (inches)

### Ply Rating

Ply Rating is used to identify a given tire with its maximum recommended load when used in a specific type of service. It is an index of tire strength and does not necessarily represent the number of cord plies in the tire.

### Load Range

Load Range is merely a letter used to correspond with a ply rating.

| PLY RATING | 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 | 22 | 24 |
|------------|---|---|---|---|----|----|----|----|----|----|----|----|
| LOAD RANGE | A | B | C | D | E  | F  | G  | H  | J  | L  | M  | N  |

### Tread Depth

Tread Depth indicates the depth of grooves in the tread.

### Measuring Rim Width

Measuring Rim Width is the specific rim width assigned to each tire size designed to determine the tire dimension.

### Overall Diameter

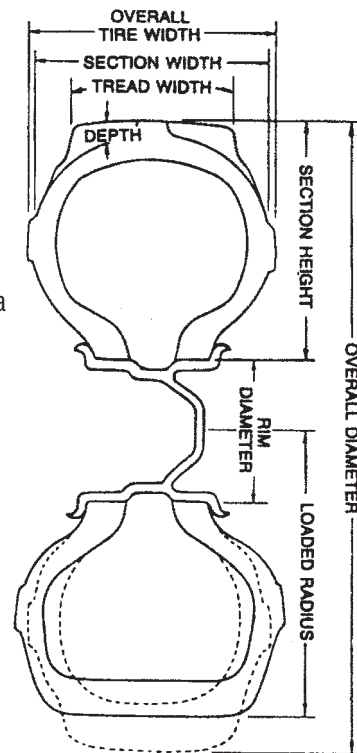
The diameter of a tire mounted on the rim and inflated under no load.

### Overall Width

The width of a tire including normal growth due to inflation and including bars, letters or decorations embossed on sidewalls.

### Static Loaded Radius

The shortest distance from the axle center to the contact surface of a tire mounted on the approved rim at the specified inflation pressure, placed still and vertically on a flat board, and loaded with the specified load.



# SPEED SYMBOL

The Speed Symbol indicates the speed at which the tire can carry a load corresponding to its Load Index under service conditions specified by the tire manufacturer.

| Speed Symbol | Speed (km/h) | Speed (mph) | Speed Symbol | Speed (km/h) | Speed (mph) |
|--------------|--------------|-------------|--------------|--------------|-------------|
| A1           | 5            | 3           | K            | 110          | 68          |
| A2           | 10           | 6           | L            | 120          | 75          |
| A3           | 15           | 9           | M            | 130          | 81          |
| A4           | 20           | 12          | N            | 140          | 87          |
| A5           | 25           | 16          | P            | 150          | 93          |
| A6           | 30           | 19          | Q            | 160          | 99          |
| A7           | 35           | 22          | R            | 170          | 106         |
| A8           | 40           | 25          | S            | 180          | 112         |
| B            | 50           | 31          | T            | 190          | 118         |
| C            | 60           | 37          | U            | 200          | 124         |
| D            | 65           | 40          | H            | 210          | 130         |
| E            | 70           | 43          | V            | 240          | 149         |
| F            | 80           | 50          | W            | 270          | 168         |
| G            | 90           | 56          | Y            | 300          | 186         |
| J            | 100          | 62          | ZR*          | Open Ended   | Open Ended  |

\* Consult tire manufacturer for top speed capability.

NOTE: All calculation for km/h to mph and kg to lbs are rounded off. Your calculation may differ. If in doubt, use Tire and Rim Association recommendation.

## LOAD INDEX

The Load Index is a numerical code associated with the maximum load a tire can carry at the speed indicated by its Speed Symbol under service conditions specified by the tire manufacturer.

| LI  | kg   | lbs  | LI  | kg   | lbs  | LI  | kg   | lbs   | LI  | kg   | lbs   |
|-----|------|------|-----|------|------|-----|------|-------|-----|------|-------|
| 100 | 800  | 1765 | 121 | 1450 | 3195 | 142 | 2650 | 5840  | 163 | 4875 | 10700 |
| 101 | 825  | 1820 | 122 | 1500 | 3305 | 143 | 2725 | 6005  | 164 | 5000 | 11000 |
| 102 | 850  | 1875 | 123 | 1550 | 3415 | 144 | 2800 | 6175  | 165 | 5150 | 11400 |
| 103 | 875  | 1930 | 124 | 1600 | 3525 | 145 | 2900 | 6395  | 166 | 5300 | 11700 |
| 104 | 900  | 1985 | 125 | 1650 | 3640 | 146 | 3000 | 6610  | 167 | 5450 | 12000 |
| 105 | 925  | 2040 | 126 | 1700 | 3750 | 147 | 3075 | 6780  | 168 | 5600 | 12300 |
| 106 | 950  | 2095 | 127 | 1750 | 3860 | 148 | 3150 | 6940  | 169 | 5800 | 12800 |
| 107 | 975  | 2150 | 128 | 1800 | 3970 | 149 | 3250 | 7160  | 170 | 6000 | 13200 |
| 108 | 1000 | 2205 | 129 | 1850 | 4080 | 150 | 3350 | 7390  | 171 | 6150 | 13600 |
| 109 | 1030 | 2270 | 130 | 1900 | 4190 | 151 | 3450 | 7610  | 172 | 6300 | 13900 |
| 110 | 1060 | 2335 | 131 | 1950 | 4300 | 152 | 3550 | 7830  | 173 | 6500 | 14300 |
| 111 | 1090 | 2405 | 132 | 2000 | 4410 | 153 | 3650 | 8050  | 174 | 6700 | 14800 |
| 112 | 1120 | 2470 | 133 | 2060 | 4540 | 154 | 3750 | 8270  | 175 | 6900 | 15200 |
| 113 | 1150 | 2535 | 134 | 2120 | 4675 | 155 | 3875 | 8540  | 176 | 7100 | 15700 |
| 114 | 1180 | 2600 | 135 | 2180 | 4805 | 156 | 4000 | 8820  | 177 | 7300 | 16100 |
| 115 | 1215 | 2680 | 136 | 2240 | 4940 | 157 | 4125 | 9090  | 178 | 7500 | 16500 |
| 116 | 1250 | 2755 | 137 | 2300 | 5070 | 158 | 4250 | 9370  | 179 | 7750 | 17100 |
| 117 | 1285 | 2835 | 138 | 2360 | 5205 | 159 | 4375 | 9650  | 180 | 8000 | 17600 |
| 118 | 1320 | 2910 | 139 | 2430 | 5355 | 160 | 4500 | 9920  |     |      |       |
| 119 | 1360 | 3000 | 140 | 2500 | 5510 | 161 | 4625 | 10200 |     |      |       |
| 120 | 1400 | 3085 | 141 | 2575 | 5675 | 162 | 4750 | 10500 |     |      |       |