

Rely®

Flat Proofing Polymer

- ✓ **SAVE MONEY**
- ✓ **IMPROVE ON THE JOB SAFETY**
- ✓ **EXTEND THE LIFE OF YOUR TIRES**
- ✓ **REDUCE DOWN TIME**
- ✓ **GET RID OF FLATS FOR GOOD**



KEEP
ROLLIN'
WITH
RELY®

CARPENTER CO. WEIGHT ESTIMATION GUIDE

INTRODUCTION

The following pages are Carpenter Co.'s updated Weight Estimation Guide. There are many new sizes listed in this book, and many of the weights have been estimated. Please remember—this is only an estimation guide for the amount of Rely® product needed to fill tires. This estimation was calculated using a mathematical formula which is based on the outside dimensions of the tire and thus includes tread and sidewall thicknesses.

We emphasize again: this is an estimation guide because tire cavities are not identical. There are no standards on cavity size in the industry. This is the reason you can process ten tires of the same size and brand and each tire could have a different filled weight.

There are also other reasons tires hold various amounts of Rely® product. For example stretching the tire casing can lead to a different weight. Any new bias tire can stretch from 5% to 10%. Radial tires will stretch as well, although not as much. Determining which tires will stretch and to what extent depends also on whether the tire is new, used or a retread. Each of these types will have a different amount of stretch, therefore each will take a different amount of Rely® product to reach the desired pressure.

However, the correct way to determine the exact amount of Rely® product a tire requires to be flat proofed is to weigh the mounted wheel and tire before and after it is filled to get the amount of product used.

If you have any questions, please call your Carpenter Co. representative.

Care has been taken to ensure the accuracy of the weights in Carpenter's Rely® Weight Estimation Guide. Carpenter is not responsible for any loss or damage that may result from its use. No allowance has been made for filled weight variations (more or less) which occur between different tire manufacturers.

The weights for some tires have been revised to reflect a more accurate amount of fill. Although tires will take various amounts of fill we believe this is the most current listing of new sizes and weights available to the industry today.

Assumptions to the accuracy of Carpenter's Rely® Weight Estimation Guide:

The weights shown in the charts assume the following;

1. Tires are being filled with Rely® T-25. The use of other brands and types of product will differ in weights.
2. The tires are mounted on the standard width rims listed. (Use of over or under sized rims will require more or less material respectively.)
3. The tires are pressurized to 100 percent of the maximum recommended pressure for each tire. This can be found on the sidewall of the tire, or the Tire and Rim Associations Inc. yearbook.
4. The diameters and section widths of the tires to be filled are in conformity with those specified by The Tire and Rim Association Inc. Yearbook. (Tires which do not conform to those standards may require significantly more or less material to fill.)
5. Tires being filled are new tires which have been pressurized (pre-stretched) with air to their maximum rated inflation pressure for 24 hours prior to being filled to allow the casing to "grow". (It is not recommended to fill used tires.)

ESTIMATION GUIDE BY TIRE SIZE

RIM DIAMETER

RIM WIDTH

KGS

LBS

4 INCH WHEELS

2.50	-	4	4	2.25	2	4
2.80	-	4	4	2.25	2	4
3.00	-	4	4	3.00	3	6
4.10	-	4	4	3.25	4	8
4.10 / 3.50	-	4	4	3.25	4	8
4.80	-	4	4	3.75	5	12
5.00	-	4	4	3.50	7	15
8.00	-	4	4	5.50	20	44
8.00 / 3.00	-	4	4	-	1	3
9 / 3.50	-	4	4	2.75	2	5
9 / 3.50	-	4	4	3.75	3	7
10 / 3.50	-	4	4	-	3	6
11 / 4.00	-	4	4	2.50	4	8
13 x 5.00	-	4	4	4.25	9	19
13.5 x 6.0	-	4	4	4.75	10	23
380 x 150	-	4	4	5.30	12	27
5.00	-	4.5	4.5	4.00	9	19

5 INCH WHEELS

3.40 / 3.00	-	5	5	2.75	3	7
3.50 / 3.00	-	5	5	2.75	4	8
4.00	-	5	5	3.00	3	7
4.10	-	5	5	3.25	5	10
4.10 / 3.50	-	5	5	3.25	5	11
5.00	-	5	5	3.50	4	9
6.50	-	5	5	3.25	5	10
11 x 4.00	-	5	5	3.00	4	8
13 x 5.00	-	5	5	5.00	5	10
450 x 190	-	5	5	6.30	19	42
24	-	5.5	5.5	3.25	11	24

6 INCH WHEELS

4.00	-	6	6	3.25	6	13
4.10	-	6	6	3.25	5	11
4.10 / 3.50	-	6	6	3.25	5	10
4.10 / 4.50	-	6	6	3.25	7	16
4.10 / 8.50	-	6	6	N/A	5	10
5.30	-	6	6	3.25	7	16
5.30	-	6	6	4.25	9	19
5.30 / 4.50	-	6	6	N/A	7	15
6.00	-	6	6	5.00	15	33
6.90 / 6.00	-	6	6	5.50	15	33
7.00	-	6	6	5.00	15	34
7.25	-	6	6	5.75	18	40
8.00	-	6	6	5.00	15	34
8.00	-	6	6	5.50	16	36
8.00	-	6	6	7.00	17	38
8.50	-	6	6	6.00	25	54
9.00	-	6	6	6.75	30	65
12 x 6	-	6	6	4.25	5	12
12 x 11.00	-	6	6	4.00	15	32
12 x 11.00	-	6	6	4.25	16	36
13 x 4.00	-	6	6	3.25	4	9
13 x 5.00	-	6	6	3.25	6	13
13 x 5.00	-	6	6	3.50	9	19
13 x 6.00	-	6	6	5.00	10	21
13 x 6.50	-	6	6	5.00	7	16

TIRE SIZE				RIM DIAMETER	RIM WIDTH	KGS	LBS
14	x	4.50	- 6	6	3.50	8	18
14	x	5.00	- 6	6	3.50	8	18
14	x	5.50	- 6	6	N/A	7	16
14	x	8.00	- 6	6	6.00	10	21
14.5	x	5.50	- 6	6	4.25	7	16
15	x	6.00	- 6	6	4.25	9	20
15	x	6.00	- 6	6	4.50	10	23
15	x	6.00	- 6	6	4.50	13	28
15	x	6.50	- 6	6	N/A	12	27
16	x	4.50	- 6	6	4.50	45	98
17.5	x	6.25	- 6	6	5.00	17	38
18	x	7.00	- 6	6	4.50	16	35
26	x	6	- 6	6	N/A	20	45
26	x	10.5	- 6	6	6.75	54	119
360	x	135	- 6	6	4.25	9	19
380	x	150 / 15	x 6	6	3.76	12	27
16			- 6.50	6.5	N/A	13	28
26			- 6.5	6.5	5.50	20	45
6.00 - 6.5	/ 420		x 150	6.5	3.79	15	34
32			x 6.6	6.6	N/A	14	30
25			x 6.75	6.75	N/A	16	36
7 INCH WHEELS							
4.50			- 7	7	3.75	7	15
4.80			- 7	7	2.50	6	14
8.00			- 7	7	6.50	30	65
10.00			- 7	7	8.00	45	99
23.5	x	8.75	- 7	7	6.25	16	36
8 INCH WHEELS							
3.00			- 8	8	N/A	4	8
3.50			- 8	8	3.25	5	12
4.00			- 8	8	2.50	8	17
4.10			- 8	8	3.25	7	15
4.50			- 8	8	3.25	9	20
4.50			- 8	8	3.50	10	22
4.80			- 8	8	3.75	10	20
5.00			- 8	8	3.75	12	27
5.50			- 8	8	N/A	15	34
5.70			- 8	8	4.50	14	31
5.70	/	5.00	- 8	8	4.50	14	31
6.50			- 8	8	3.75	18	39
6.50			- 8	8	5.25	27	60
6.50			- 8	8	5.38	17	37
7.00			- 8	8	5.50	21	47
8.00			- 8	8	N/A	10	20
15	x	4.50	- 8	8	3.00	8	18
15	x	6.00	- 8	8	4.25	11	25
16	x	4.40	- 8	8	3.50	7	15
16	x	5.50	- 8	8	4.25	11	25
16	x	6.00	- 8	8	N/A	12	26
16	x	6.50	- 8	8	5.38	13	28
16	x	7.50	- 8	8	5.38	15	33
16.5	x	6.50	- 8	8	5.38	13	29
17.5	x	5.75	- 8	8	4.25	11	24
18	x	5.00	- 8	8	N/A	5	12
18	x	5.50	- 8	8	4.25	12	26
18	x	5.75	- 8	8	4.25	12	26
18	x	6.5	- 8	8	5.25	18	40
18	x	6.50	- 8	8	5.38	18	40
18	x	7.00	- 8	8	4.33	14	31

TIRE SIZE				RIM DIAMETER	RIM WIDTH	KGS	LBS
18	x	8.50	- 8	8	7.00	23	50
18	x	9	- 8	8	7.00	20	43
18	x	9.50	- 8	8	7.00	25	54
18	x	10	- 8	8	8.00	22	49
18	x	11	- 8	8	9.00	25	55
18.5	x	8.5	- 8	8	7.00	21	47
18.5	x	9.5	- 8	8	7.00	20	45
19.5	x	6.75	- 8	8	5.25	19	41
19.5	x	6.75	- 8	8	8.00	19	41
20	x	8.00	- 8	8	7.00	28	62
20	x	10.00	- 8	8	8.00	36	80
20	x	11.00	- 8	8	9.00	31	69
21	x	7.00	- 8	8	5.50	25	55
21	x	7.25	- 8	8	4.75	28	61
21	x	11.00	- 8	8	8.50	37	81
21	x	11.00	- 8	8	9.00	35	77
21	x	12	- 8	8	9.50	38	83
21.8			- 8	8	N/A	32	70
22	x	8.0	- 8	8	6.00	27	59
22	x	10.00	- 8	8	6.00	35	77
22	x	11.00	- 8	8	8.50	37	81
22	x	11.00	- 8	8	9.00	39	85
22.5	x	10.00	- 8	8	8.00	37	81
23	x	9.0	- 8	8	7.25	49	108
25	x	24.00	R 8	8	15.00	146	321
9 INCH WHEELS							
4.00			- 9 SL	9	3.00	10	21
4.80	/	4.00	- 9	9	4.00	11	25
5.00			- 9	9	3.00	15	34
6.00			- 9	9	6.00	18	40
6.90			- 9	9	5.50	18	40
6.90	/	6.00	- 9	9	6.00	17	37
15	x	6.5	- 9	9	4.00	15	32
18	x	11	- 9	9	9.00	24	52
20	x	7	- 9	9	6.00	19	41
20	x	11	- 9	9	9.00	30	66
21	x	8	- 9	9	7.00	23	50
21	x	8	- 9 NHS	9	6.00	34	75
21	x	9	- 9	9	7.00	26	57
22	x	7	- 9	9	6.00	23	51
22	x	7.75	- 9	9	4.25	25	55
22	x	11	- 9	9	9.00	37	82
24	x	13	- 9	9	11.00	53	117
25	x	12.00	- 9	9	10.00	59	130
25	x	13.00	- 9	9	N/A	60	132
34			- 9.9	9.9	N/A	68	150
10 INCH WHEELS							
3.50			- 10	10	3.75	9	20
4.50			- 10	10	N/A	11	25
5.00			- 10	10	4.25	15	34
6.50			- 10	10	5.00	24	52
7.50			- 10	10	5.50	35	76
7.50			- 10 SL	10	5.50	40	88
7.50	/	9.00	- 10	10	5.50	35	76
7.50	/	9.00	- 10	10	6.00	36	79
7.50			- 10	10	5.50	36	79
7.50			- 10 SL	10	5.50	53	116
7.7			- 10	10	6.00	45	100
8.50			- 10	10	6.25	42	93
9.00			- 10	10	6.00	50	109

TIRE SIZE				RIM DIAMETER	RIM WIDTH	KGS	LBS
9.00			- 10	10	6.50	45	100
9.00			- 10 SL	10	6.00	58	127
9.00			- 10	10	7.75	51	112
13	x	9	- 10	10	N/A	23	50
15			- 10	10	13.00	74	163
17	x	15	- 10	10	13.00	109	240
18	x	4.25	- 10	10	4.25	9	20
18	x	4.4	- 10	10	3.50	8	18
18	x	8.50	- 10	10	7.00	18	39
18	x	10	- 10	10	8.00	20	44
18	x	11	- 10	10	9.00	22	49
19	x	8	- 10	10	N/A	18	38
H19.5	x	6.75	- 10	10	4.25	15	33
20	x	5.5	- 10	10	4.25	14	30
20	x	8.00	- 10	10	6.00	22	48
20	x	8.00	- 10	10	6.50	24	52
20	x	10.00	- 10	10	8.00	26	57
20	x	11	- 10	10	9.00	29	64
20	x	14	- 10	10	9.50	80	175
20.5	x	6.75	- 10	10	5.25	22	48
20.5	x	8	- 10	10	6.00	26	57
21	x	7	- 10	10	5.50	20	44
21	x	7.25	- 10	10	5.50	21	46
21	x	7.25	- 10	10	5.50	14	30
21	x	8	- 10	10	6.00	25	55
21	x	11.00	- 10	10	N/A	33	72
21.5	x	7.0	- 10	10	5.90	20	43
22	x	6.5	- 10	10	4.75	20	45
22	x	6.6	- 10	10	5.50	18	40
22	x	6.75	- 10	10	4.75	21	47
22	x	7.75	- 10	10	4.75	23	51
22	x	8.0	- 10	10	5.00	24	52
22	x	8.25	- 10	10	5.25	32	70
22	x	9	- 10	10	7.00	29	64
22	x	10	- 10	10	8.00	33	72
22	x	11	- 10	10	9.00	32	70
23	x	8	- 10	10	6.50	28	61
23	x	8.50	- 10	10	10.00	37	81
23	x	9	- 10	10	6.50	32	70
24	x	7.7	- 10	10	5.50	26	57
24	x	11	- 10	10	9.00	44	97
24.5	x	8.5	- 10	10	6.25	43	95
25	x	7.75	- 10	10	6.00	34	74
25	x	12	- 10	10	9.50	51	113
25.5	x	8.75	- 10	10	5.50	38	84
27	x	9	- 10	10	9.00	47	103
27 L	x	15	- 10	10	13.00	68	155
29	x	11.00	- 10	10	8.50	65	144
205	/	50	- 10	10	6.50	21	47
615	x	225	- 10	10	7.90	36	80
24	x	9.5	- 10.5	10.5	6.00	34	75
11 INCH WHEELS							
10.00			- 11	11	7.00	78	171
17.5	x	6.25	- 11	11	5.25	12	26
20	x	5.25	- 11	11	4.50	19	42
22	x	8.5	- 11	11	7.25	31	69
23	x	8	- 11	11	6.50	28	61
24	x	8	- 11	11	6.50	31	68
24	x	9	- 11	11	7.00	34	75

TIRE SIZE				RIM DIAMETER	RIM WIDTH	KGS	LBS
25	x	9.00	- 11 NHS	11	7.00	53	117
25	x	10.00	- 11 NHS	11	8.00	60	131
26	x	8.75	- 11	11	7.25	53	116
26	x	10.0	- 11	11	8.00	56	123
36			- 11	11	-	89	195
22	x	7.25	- 11.5	11.5	7.25	23	50
28			- 11.5	11.5	4.63	43	95
12 INCH WHEELS							
4.00			- 12 SL	12	3.00	14	30
5			- 12	12	4.00	16	35
6			- 12	12	5.00	18	40
5.30			- 12	12	4.25	17	38
5.70			- 12	12	4.50	17	38
6.00			- 12	12	4.50	18	40
6.00			- 12	12	5.00	25	56
6.50			- 12	12	5.00	27	59
6.90	/	6.00	- 12	12	5.00	25	54
7.00			- 12	12	5.00	35	77
7			- 12	12	6.00	39	85
7.30			- 12	12	5.00	36	79
9.25			- 12	12	7.00	47	103
9.25 - 12 / 28 x 9.00			- 12	12	N/A	48	106
11.00			- 12	12	8.25	79	173
14.5			- 12	12	N/A	14	30
15.00			- 12	12	11.00	133	293
20	x	4.4	- 12	12	3.50	10	21
20	x	4.4	R 12	12	3.50	10	23
20.5	x	5.50	- 12	12	4.00	16	36
20.5	x	8.5	- 12	12	6.00	25	56
22	x	5.5	- 12	12	4.25	16	36
22	x	5.75	- 12	12	4.25	15	34
22	x	7.50	- 12	12	6.00	23	50
22	x	7.7	- 12	12	6.00	24	52
22	x	8.00	- 12	12	6.00	25	54
22	x	9.00	- 12	12	N/A	31	68
23	x	7.0	- 12	12	6.25	23	50
23	x	8	- 12	12	6.00	24	53
23	x	8.50	- 12	12	7.00	29	64
23	x	9	- 12	12	7.00	27	60
23	x	9.50	- 12	12	7.00	31	68
23	x	10	- 12	12	8.00	32	70
23	x	10.1	- 12	12	8.00	38	83
23	x	10.50	- 12	12	8.50	40	87
23.5	x	8.50	- 12	12	7.00	35	76
23.5	x	11	- 12	12	8.75	35	77
24	x	6.6	- 12	12	5.50	28	62
24	x	7.25	- 12	12	6.25	25	56
24	x	12.00	- 12	12	9.00	27	60
24.5	x	8.5	- 12	12	4.50	35	77
25	x	8.00	- 12 NHS	12	6.50	45	100
25	x	10.00	- 12 NHS	12	8.00	57	125
25	x	11.00	- 12 NHS	12	9.00	62	137
25	x	12	- 12	12	9.75	45	100
26	x	9.00	- 12 NHS	12	7.00	56	123
26	x	12.00	- 12	12	10.50	63	140
27	x	9.00	- 12 NHS	12	7.00	62	136
27	x	10	- 12	12	8.50	45	98
27	x	12.00	- 12 NHS	12	9.50	83	182
28	x	9.0	- 12	12	6.63	58	128
H31	x	13.0	- 12	12	8.00	96	212
34	x	12.0	- 12	12	9.00	110	243

TIRE SIZE				RIM DIAMETER	RIM WIDTH	KGS	LBS
34	x	14.0	- 12	12	11.00	129	283
36	x	13.0	- 12	12	8.25	158	347
40			- 12	12	10.00	153	337
670	x	210	- 12	12	6.90	39	85
8.90			- 12.50	12.5	6.75	44	96
13 INCH WHEELS							
6.00			- 13	13	4.00	23	50
6.50			- 13	13	4.50	29	64
7.00			- 13	13	5.00	34	74
24	x	8.0	- 13	13	5.75	71	143
26	x	7.75	- 13	13	6.00	32	70
26	x	7.75	R 13	13	N/A	34	74
26.5	x	8.0	- 13	13	6.50	43	95
31	x	9.75	- 13	13	7.25	63	138
39			x 13	13	10.00	159	349
44			- 13	13	11.00	143	315
150	x	100	- 13	13	3.75	19	41
165	/	80	R 13	13	N/A	27	58
605	x	155	- 13	13	5.40	27	59
14 INCH WHEELS							
6			- 14	14	5.00	25	56
6.00			- 14 SL	14	5.00	35	76
7			- 14	14	6.00	40	87
7.50			- 14	14	5.50	36	79
7.50			- 14 SL	14	5.50	32	70
8.5 L			- 14 SL	14	6.00	50	109
9.5 L			- 14 SL	14	7.00	59	130
11			- 14	14	11.00	64	140
11 L			- 14 SL	14	8.00	68	150
23	x	8.50	- 14	14	7.00	33	73
24	x	5.5	- 14	14	4.25	13	29
24	x	6.5	- 14	14	4.75	23	50
25	x	6.75	- 14	14	4.00	31	69
25	x	8.50	- 14	14	5.00	39	85
25.5	x	8.0	- 14	14	5.75	29	63
25.5	x	8.0	R 14	14	5.75	30	65
25.75	x	6.75	R 14	14	5.00	26	57
26	x	6.60	- 14	14	5.00	26	57
26	x	6.60	R 14	14	5.00	30	66
26	x	6.75	- 14	14	5.00	27	60
26	x	8.00	- 14	14	7.00	34	74
26	x	8.50	R 14	14	7.00	36	79
26.5	x	8.00	- 14	14	5.00	34	75
26.5	x	8.00	- 14	14	5.25	41	90
26	x	9.00	R 14	14	7.00	50	110
26	x	11.00	R 14 NHS	14	8.50	61	135
27	x	8.50	- 14	14	5.50	37	81
27	x	8.50	R 14	14	7.00	40	88
27	x	9.50	- 14	14	7.50	42	93
27	x	9.50	R 14	14	7.50	44	96
28	x	7.7	- 14	14	6.00	34	75
28	x	9.0	- 14	14	7.25	44	96
29	x	9.50	- 14	14	7.50	50	110
29	x	9.50	R 14	14	7.50	52	115
30	x	9.5	- 14	14	7.00	54	119
31	x	9.75	- 14	14	8.00	63	139
31	x	10.75	- 14	14	9.00	66	146
32	x	10.75	- 14	14	9.00	73	161
34	x	11	- 14	14	9.00	105	231
34	x	11.75	- 14	14	9.12	122	268

TIRE SIZE				RIM DIAMETER	RIM WIDTH	KGS	LBS
34.6	x	12.0	- 14	14	8.00	120	264
37	x	14.0	- 14	14	11.00	132	290
40			x 14	14	11.00	188	413
40	x	16	- 14	14	12.50	227	499
185	/	70	R 14	14	N/A	73	160
14.5 INCH WHEELS							
7			- 14.5	14.5	6.00	37	81
8			- 14.5	14.5	6.00	45	100
9			- 14.5	14.5	7.00	54	119
27.5	x	8.75	- 14.5	14.5	6.00	43	95
27.75	x	8.75	R 14.5	14.5	6.00	49	107
30	x	11.5	R 14.5	14.5	9.75	68	150
15 INCH WHEELS							
4.00			- 15 SL	15	3.00	18	39
5.00			- 15 SL	15	3.00	23	45
5.50			- 15 SL	15	4.00	30	67
5.60			- 15	15	N/A	27	58
5.70			- 15 NHS	15	4.50	28	62
5.90			- 15 SL	15	4.50	30	65
6.40			- 15 SL	15	4.50	33	72
6.70			- 15 SL	15	4.50	37	82
7.00			- 15	15	5.50	36	80
7.50			- 15 30" OD	15	6.00	50	110
7.50			- 15 32" OD	15	6.00	55	120
7.5 L			- 15 SL	15	6.00	54	119
7.60			- 15 SL	15	5.50	47	103
8.25			- 15	15	6.50	73	150
8.5	/	9.0	- 15 K	15	6.00	68	150
9.00			- 15 NHS	15	7.00	91	200
9.00			R 15	15	7.00	92	203
9.5 L			- 15 SL	15	7.00	66	145
9.50			- 15 FI	15	7.00	66	145
10.00			- 15	15	N/A	81	178
10.00			R 15	15	7.50	83	182
10.00 L			- 15 SL	15	8.00	105	230
11.00			- 15 NHS	15	8.00	146	322
11.00			R 15	15	8.00	152	335
11 L			- 15 SL	15	8.00	80	175
11.5			- 15	15	8.00	61	135
12.5 L			- 15	15	10.00	98	216
13.50			- 15 FI	15	10.00	103	226
13.50	x	13.50	- 15 NHS	15	10.00	115	253
14.50 L			- 15	15	10.50	103	225
14.50			R 15	15	N/A	104	228
25	x	7.50	- 15	15	5.50	30	66
25	x	12.50	- 15	15	10.00	45	100
26	x	6.50	- 15	15	4.50	31	68
27	x	6.5	- 15	15	N/A	28	61
27	x	7.75	R 15	15	6.00	35	76
27	x	8.50	- 15	15	7.00	36	80
27	x	8.50	R 15	15	N/A	36	80
27	x	9.50	- 15	15	7.00	46	102
27	x	9.50	- 15	15	7.50	43	95
27	x	10.00	- 15	15	8.00	43	94
27	x	10.50	- 15	15	8.00	57	125
27	x	12.00	- 15	15	10.00	45	100
28	x	8.50	- 15	15	7.00	42	93
28	x	9.00	- 15	15	7.00	32	70
28	x	11.50	- 15	15	8.00	46	102
28	x	12	- 15 NHS	15	9.75	79	173

TIRE SIZE				RIM DIAMETER	RIM WIDTH	KGS	LBS
28	x	12.50	- 15	15	10.00	70	154
28	x	13.00	- 15	15	11.50	48	105
29	x	7.70	- 15	15	6.00	39	85
29	x	8.00	- 15	15	7.50	36	80
29	x	9.00	- 15	15	6.00	36	75
29	x	9.50	- 15	15	7.50	52	115
29	x	10.00	- 15	15	7.50	50	110
29	x	12.00	- 15	15	10.00	72	158
29	x	12.50	- 15	15	6.00	75	165
30	x	8.00	- 15	15	7.00	43	95
30	x	8.8	- 15	15	7.00	40	88
30	x	8.8	R 15	15	7.00	55	122
30	x	9.00	- 15	15	8.00	62	137
31	x	12.50	- 15 NHS	15	10.00	93	205
31	x	13.50	- 15 NHS	15	10.00	115	253
31	x	15.50	- 15	15	13.00	108	240
32	x	8.8	R 15	15	N/A	64	141
32	x	11.5	- 15	15	9.00	75	165
32	x	12.00	- 15	15	9.75	73	160
32	x	12.50	- 15	15	10.00	78	170
32	x	14.50	- 15	15	N/A	83	180
32	x	15.00	- 15	15	11.50	83	180
33	x	12.50	- 15 LT	15	10.00	101	223
33.5	x	10.75	- 15	15	8.00	79	174
35	x	15.00	- 15	15	10.50	83	180
36	x	11.00	- 15	15	7.50	91	200
36	x	13.50	- 15	15	10.00	124	272
37	x	14.0	- 15	15	9.00	125	275
38	x	16	- 15	15	N/A	121	265
39	x	15.50	- 15 LT	15	12.00	166	365
40			- 15	15	11.50	238	524
46			- 15	15	13.00	214	470
55	/	60	- 15	15	N/A	98	215
55	/	65	- 15	15	9.75	151	333
215	/	70	- 15	15	7.00	41	91
225	/	75	R 15	15	N/A	61	135
250			- 15	15	7.50	41	90
300			- 15	15	9.75	86	190
315	/	70	R 15 NHS	15	8.00	107	235
390	/	60	D 15	15	13.00	190	417
16 INCH WHEELS							
5.50			- 16	16	4.00	30	65
5.50			- 16 SL	16	4.00	26	58
6			- 16	16	4.50	23	50
6			- 16	16	5.00	27	59
6.00			- 16	16	4.00	36	78
6.00			- 16	16	5.00	34	74
6.00			- 16 SL	16	4.00	31	69
6.50			- 16	16	4.50	41	91
6.50			- 16 SL	16	4.50	41	90
6.90	/	6.00	- 16	16	4.00	33	73
7			- 16	16	5.50	35	76
7.00			- 16	16	N/A	59	130
7.2			- 16	16	5.50	34	75
7.50			- 16	16	6.00	61	133
7.50			- 16 SL	16	5.50	57	126
8			- 16	16	5.50	50	110
8.00			- 16 SL	16	5.50	64	141
8.30			- 16	16	7.00	58	127
9.00			- 16 SL	16	6.00	75	166

TIRE SIZE				RIM DIAMETER	RIM WIDTH	KGS	LBS
9.5		- 16		16	8.00	69	152
9.50		- 16		16	7.00	69	152
9.50		- 16		16	8.50	76	168
10.00		- 16		16	8.00	101	223
10.00		- 16 SL		16	8.00	101	223
10.50		- 16		16	8.25	101	223
11.00		- 16		16	10.00	138	303
11 L		- 16		16	8.00	71	155
11.00		- 16 SL		16	8.00	141	311
12.4		- 16		16	11.00	132	291
12.50		- 16		16	10.00	123	270
12.5 L		- 16 SL		16	10.00	96	212
13.0	/ 85	- 16		16	N/A	125	274
13.6		- 16		16	10.00	137	302
14	L	- 16		16	11.00	158	348
15.00		- 16		16	11.25	185	408
16.00		- 16		16	6.50	206	454
16.5	L	- 16		16	14.00	193	425
17.00		- 16		16	13.25	243	534
18.4		- 16		16	16.00	277	610
27.5	x 7.5	- 16		16	6.00	38	83
29	x 6.25	- 16		16	5.12	39	86
30	x 7.7	- 16		16	6.00	40	89
H30	x 9.5	- 16		16	6.25	62	136
32	x 8.8	- 16		16	7.00	49	108
32	x 8.8	R 16		16	7.00	50	109
33	x 9.50	- 16		16	8.00	73	160
33	x 12.50	- 16		16	8.00	91	200
34	x 9.25	- 16		16	7.00	65	144
H34	x 10.0	R 16		16	N/A	81	178
34	x 10.75	- 16		16	8.25	86	189
35	x 11.5	- 16		16	9.00	94	206
36	x 11	- 16		16	9.00	78	172
37	x 11.5	- 16		16	9.00	114	251
37	x 13.0	- 16		16	9.00	124	272
37	x 13	- 16		16	10.00	114	251
39	x 13	- 16		16	10.00	124	272
40	x 14	- 16		16	11.00	146	322
40	x 15.5	- 16		16	10.00	165	363
40.5	x 15.5	- 16		16	11.50	178	392
42	x 15	- 16		16	11.50	185	408
46		- 16		16	N/A	206	454
50	/ 8.00	- 16		16	5.50	55	122
56		x 16		16	12.75	390	857
215	/ 85	R 16		16	N/A	53	116
235	/ 85	R 16		16	N/A	64	140
1050	x 395	R 16		16	11.50	358	787
16.1 INCH WHEELS							
13.50		- 16.1 SL		16.1	11.00	180	397
13.6		- 16.1		16.1	13.00	155	340
14	L	- 16.1 SL		16.1	11.00	149	327
14.5	/ 75	- 16.1		16.1	11.00	156	344
14.5	/ 75	- 16.1 SL		16.1	11.00	184	404
16.5	L	- 16.1 SL		16.1	14.00	215	474
18.4		- 16.1		16.1	16.00	291	640
19	L	- 16.1 SL		16.1	16.00	377	830
21.5	L	- 16.1 SL		16.1	18.00	355	782
35	x 19.00	- 16.1		16.1	16.00	157	345
38	x 20.00	- 16.1		16.1	18.00	198	436
44	x 41	- 16.1		16.1	38.00	636	1400

TIRE SIZE			RIM DIAMETER	RIM WIDTH	KGS	LBS
16.5 INCH WHEELS						
8.00	-	16.5	16.5	6.00	37	82
8.75	-	16.5	16.5	6.75	57	125
9.50	-	16.5	16.5	6.75	71	155
10	-	16.5	16.5	8.25	59	130
10.5	-	16.5	16.5	N/A	68	150
12	-	16.5	16.5	9.75	93	205
12.5	/	7.0	16.5	N/A	99	218
15.5	/	38	16.5	N/A	105	230
18.5	/	44	16.5	N/A	202	445
30	x	9.50	16.5	7.50	55	120
30	x	9.50	R 16.5	7.50	52	114
31	x	10.50	-	8.50	68	150
31	x	10.50	R 16.5	8.50	68	150
31	x	11.50	-	8.50	62	136
31	x	11.50	R 16.5	8.50	65	143
31	x	13.50	-	8.50	94	207
31.5	x	13.00	-	9.75	83	182
33	x	12.50	-	9.75	90	197
33	x	12.50	R 16.5	9.75	93	205
33	x	15.50	-	12.00	110	242
35	x	12.00	-	9.75	113	248
36	x	12.50	-	9.75	111	245
36	x	12.50	R 16.5	9.75	119	261
36	x	14.50	-	11.25	122	269
36	x	14.50	R 16.5	11.25	128	281
37	x	12.50	-	8.25	139	305
37	x	12.50	R 16.5	8.25	144	316
37	x	14.50	-	11.25	130	287
37	x	14.50	R 16.5	11.25	137	301
265	/	70	D 16.5	8.25	76	167
305	/	70	D 16.5	9.75	102	224
315	/	70	D 16.5	9.75	55	122
330	/	55	D 16.5	9.75	89	195
395	/	55	D 16.5	9.75	135	296
17 INCH WHEELS						
6.00	-	17	17	4.75	41	90
6.00	R	17	17	4.75	42	92
7.00	-	17	17	5.50	55	120
7.00	R	17	17	5.50	51	113
7.50	-	17	17	6.00	65	142
7.50	R	17	17	6.00	61	135
8.25	-	17	17	6.50	80	176
8.25	R	17	17	6.50	65	143
35	x	9.0	-	7.25	74	162
35	x	10.0	-	8.62	100	221
40	x	18.0	-	9.00	188	413
49	x	17	17	13.25	267	632
480	/	45	-	16.00	220	483
17.5 INCH WHEELS						
7	-	17.5	17.5	5.25	35	78
7	R	17.5	17.5	5.25	40	87
8	-	17.5	17.5	5.25	51	112
8	R	17.5	17.5	5.25	46	102
8	R	17.5	17.5	6.00	51	113
9.00	R	17.5	17.5	6.75	78	171
10	-	17.5	17.5	8.25	60	133
10	R	17.5	17.5	7.50	83	182
11	R	17.5	17.5	8.25	108	238

TIRE SIZE			RIM DIAMETER	RIM WIDTH	KGS	LBS
14		- 17.5 NHS	17.5	10.50	121	265
14		- 17.5 ML	17.5	10.50	132	291
14		R 17.5	17.5	10.50	147	323
36	x 16	- 17.5	17.5	10.50	139	305
36	x 16	- 17.5 NHS	17.5	10.50	139	305
215	/ 75	- 17.5	17.5	6.00	50	110
240	/ 55	D 17.5	17.5	6.75	48	106
275	/ 65	- 17.5	17.5	8.25	70	153
355	/ 70	D 17.5	17.5	13.75	150	330
18 INCH WHEELS						
3.50		- 18	18	3.00	11	25
4.00		- 18	18	3.00	18	40
7.00		- 18	18	5.50	52	114
7.50		- 18	18	N/A	62	137
7.50		- 18 SL	18	5.50	58	127
8		- 18	18	6.00	65	142
8.25		- 18	18	6.50	59	130
10.50	/ 80	- 18	18	10.00	146	320
11.00		- 18	18	8.00	164	360
12.50		- 18	18	N/A	145	320
12.5	/ 65	- 18	18	N/A	99	217
12.5	/ 80	- 18 NHS	18	9.00	124	272
13	/ 65	- 18	18	N/A	117	258
15.5	/ 55	R 18	18	N/A	142	312
15.5	/ 60	- 18	18	9.30	174	382
15.5	/ 70	- 18	18	N/A	200	440
32	x 9.75	- 18	18	7.50	57	126
H34	x 9.25	- 18	18	6.00	65	144
34.5	x 9.75	- 18	18	N/A	72	158
H35	x 11.0	- 18	18	N/A	85	187
36	x 10.0	- 18	18	8.65	105	231
36	x 11.0	- 18	18	8.50	108	238
H36	x 12.0	- 18	18	7.75	102	225
38	x 11	- 18	18	9.00	122	269
40	x 12	- 18	18	10.00	120	264
41	x 15.0	- 18	18	12.75	161	355
41	x 16	- 18	18	13.25	195	430
44	x 16	- 18	18	13.25	237	521
44.5	x 16.5	- 18	18	13.25	215	474
47	x 18	- 18	18	14.75	278	611
275	/ 80	R 18	18	9.00	101	222
280	/ 80	- 18 IND	18	9.00	116	256
320	/ 80	R 18 IND	18	10.00	151	333
335	/ 80	R 18	18	11.00	160	353
340	/ 80	R 18	18	N/A	166	366
340	/ 80	- 18 IND	18	11.00	184	405
340	/ 80	R 18 IND	18	11.00	177	390
365	/ 70	R 18	18	N/A	164	361
385	/ 80	- 18	18	13.16	194	426
400	/ 70	R 18 IND	18	13.00	217	477
405	/ 70	R 18	18	N/A	210	461
18.5 INCH WHEELS						
13		- 18.5	18.5	10.75	147	324
19 INCH WHEELS						
4.00		- 19 SL	19	3.00	18	40
335	/ 80	R 19	19	N/A	146	322
4.00		- 19 SL	19	3.00	18	40
38	x 12.0	- 19	19	7.75	118	259

TIRE SIZE				RIM DIAMETER	RIM WIDTH	KGS	LBS
H40	x	14.0	- 19	19	9.00	136	300
H40	x	14.5	- 19	19	9.50	150	331
41	x	15.0	- 19	19	9.75	200	440
H42	x	16.0	- 19	19	9.50	227	499
19.5 INCH WHEELS							
8.00			- 19.5	19.5	6.00	59	129
8			R 19.5	19.5	6.00	65	144
15			- 19.5	19.5	11.75	169	371
15			- 19.5 NHS	19.5	11.75	148	325
15			R 19.5	19.5	11.75	200	439
16.5			- 19.5	19.5	13.00	208	458
16.5			R 19.5	19.5	13.00	208	458
18			- 19.5	19.5	14.00	240	527
18			R 19.5	19.5	14.00	281	619
19.5			- 19.5	19.5	15.00	366	806
19.5			R 19.5	19.5	15.00	296	652
22			- 19.5 ML	19.5	16.25	290	639
40	x	19	- 19.5	19.5	15.00	201	442
245	/	70	R 19.5	19.5	6.75	65	144
265	/	70	R 19.5	19.5	7.50	76	167
305	/	70	R 19.5	19.5	9.00	105	231
380	/	65	- 19.5	19.5	N/A	158	347
385	/	65	- 19.5	19.5	10.60	216	475
445	/	55	D 19.5	19.5	13.00	208	458
445	/	65	R 19.5	19.5	13.50	286	630
20 INCH WHEELS							
7.00			- 20	20	5.50	57	126
7.50			- 20	20	5.50	67	147
7.50			- 20	20	6.00	72	159
7.50			R 20	20	6.00	89	196
7.50			- 20 SL	20	5.50	62	136
8.25			- 20	20	6.50	89	196
8.25			R 20	20	6.50	85	186
9.00			- 20	20	7.00	114	240
9.00			R 20	20	7.00	111	245
9.50			- 20	20	7.00	103	226
9.50			- 20 SL	20	7.00	103	226
10.00			- 20 NHS	20	7.50	141	310
10.00			R 20	20	7.50	123	270
10.5			- 20	20	8.00	110	243
10.00	/	10.5	- 20	20	9.00	122	268
11.00			- 20	20	8.00	143	315
11.00			R 20	20	8.00	139	306
11.00			- 20 ML	20	10.00	167	367
11.1			- 20	20	7.50	150	330
11.50			- 20	20	8.00	134	294
11.50			R 20	20	8.00	140	309
11.9			- 20	20	8.00	133	292
12.00			- 20	20	8.50	152	335
12.00			R 20	20	8.50	164	361
12.50			- 20	20	11.00	132	290
12.50 L			- 20 SL	20	10.00	140	307
12.5			R 20	20	N/A	175	384
12.5	/	80	R 20	20	10.00	151	333
13.00			- 20	20	9.00	224	492
13.00			R 20	20	9.00	198	436
13	/	80	R 20	20	9.00	160	351
14.00			- 20	20	10.00	216	475
14.00			- 20 ML	20	10.00	248	546
14	/	80	R 20	20	10.00	193	425

TIRE SIZE			RIM DIAMETER	RIM WIDTH	KGS	LBS
14.50		R 20	20	N/A	180	395
15.50		- 20	20	13.25	209	460
16.00		- 20	20	11.25	350	769
16.00		R 20	20	11.25	320	703
17.00		- 20	20	13.25	402	885
17.5	/	65 - 20	20	N/A	267	587
18.00		- 20	20	15.00	205	451
20.00		- 20	20	15.50	500	1100
30	x	6.6 - 20	20	5.00	17	37
38	x	14.00 - 20 NHS	20	11.00	140	309
38	x	18.00 - 20	20	14.00	189	415
39	x	11.50 - 20	20	N/A	91	200
41	x	14.00 - 20	20	N/A	166	366
41	x	14 - 20 NHS	20	11.00	181	399
42	x	13 - 20	20	N/A	179	394
42	x	25.00 - 20	20	20.50	285	627
43	x	16.0 - 20	20	13.00	185	408
43	x	16.00 - 20 NHS	20	14.00	234	515
44	x	18.00 - 20	20	14.00	253	557
44	x	18 L - 20	20	15.00	221	485
44	x	18.00 - 20 NHS	20	14.00	253	557
44	x	41.00 - 20	20	36.00	650	1431
H44.5	x	16.5 - 20	20	10.50	264	580
45	x	14.00 - 20	20	10.00	230	506
H45	x	17.0 - 20	20	11.00	217	478
46	x	16 - 20	20	13.25	206	454
46	x	17.0 R 20	20	13.25	240	529
H46	x	18.0 - 20	20	11.00	242	533
48	x	25.00 - 20	20	20.50	410	902
48	x	25.00 - 20 NHS	20	20.50	410	902
48	x	31.00 - 20	20	26.00	548	1205
49	x	19 - 20	20	13.25	299	658
50	x	18 - 20	20	14.25	361	794
50	x	20.00 - 20	20	16.25	298	655
50	x	21.00 - 20	20	13.25	379	833
50	x	21.0 - 20	20	16.25	364	801
51	x	21.00 - 20	20	30.00	392	863
52	x	20.5 - 20	20	16.25	378	832
56	x	20.0 - 20	20	13.25	440	969
56	x	20.00 - 20	20	15.50	527	1160
275	/	80 R 20	20	9.00	98	216
280	/	80 - 20 IND	20	9.00	125	275
335	/	80 R 20	20	11.00	173	381
340	/	80 - 20 IND	20	9.00	161	355
340	/	80 R 20 IND	20	11.00	190	417
345	/	80 - 20	20	14.00	175	384
360	/	70 - 20	20	N/A	170	374
365	/	80 R 20	20	N/A	198	436
375	/	75 R 20	20	11.00	205	452
395	/	80 R 20	20	11.00	195	430
395	/	85 R 20	20	N/A	270	593
400	/	70 - 20	20	N/A	220	485
400	/	70 R 20	20	14.00	243	535
400	/	70 - 20 IND	20	13.00	241	531
400	/	70 R 20 IND	20	13.00	231	509
400	/	80 - 20	20	N/A	261	575
405	/	70 R 20	20	11.00	224	493
420	/	75 R 20 IND	20	13.00	283	623
425	/	75 R 20	20	13.00	276	608
425	/	95 R 20	20	10.00	309	679

TIRE SIZE			RIM DIAMETER	RIM WIDTH	KGS	LBS
20.5 INCH WHEELS						
24	-	20.5	20.5	18.00	605	1330
525 / 65	R	20.5	20.5	16.00	332	731
21 INCH WHEELS						
3.00	-	21	21	4.00	34	75
12.00	-	21 NHS	21	8.50	165	362
12.00	R	21 NHS	21	8.50	173	380
14.00	-	21	21	10.00	258	568
14.00	R	21	21	10.00	314	691
14.5	-	21	21	10.00	241	530
16.00	R	21	21	10.00	343	755
18	-	21 ML	21	14.00	239	526
23	-	21 ML	21	N/A	409	900
24	-	21	21	18.00	598	1316
24	-	21 DT	21	N/A	498	1095
24	R	21 DT	21	18.00	522	1149
27.25	-	21 DT	21	19.50	837	1841
37.25	R	21 DT	21	19.50	728	1601
C40 x 14.0	-	21	21	6.75	130	285
H43.5 x 16.0	-	21	21	10.50	173	380
H44.5 x 16	-	21	21	10.50	187	412
H44.5 x 16.5	-	21	21	10.50	204	449
445 / 90	R	21	21	N/A	313	689
22 INCH WHEELS						
9.5	-	22	22	8.00	110	241
10.00	-	22	22	7.50	121	266
10.00	R	22	22	7.50	127	280
11.00	-	22	22	8.00	140	309
11.00	R	22	22	8.00	148	326
42 x 21	-	22	22	18.00	183	402
49 x 18.0	-	22	22	13.75	273	601
H49 x 19.0	-	22	22	12.00	286	630
47 x 15.75	-	22.1	22.1	12.75	307	675
22.5 INCH WHEELS						
8	-	22.5	22.5	6.00	65	144
8	R	22.5	22.5	6.00	62	136
9	-	22.5	22.5	6.75	68	150
9	R	22.5	22.5	6.75	79	174
10	-	22.5	22.5	7.50	114	250
10	R	22.5	22.5	7.50	99	218
11	-	22.5	22.5	8.25	137	302
11	R	22.5	22.5	8.25	120	265
12	-	22.5	22.5	9.00	160	351
12	R	22.5	22.5	9.00	140	307
12.5	-	22.5	22.5	9.00	134	295
12.5	R	22.5	22.5	9.00	140	309
12.75	-	22.5	22.5	9.00	138	304
12.75	R	22.5	22.5	9.00	145	318
13	-	22.5	22.5	9.00	155	342
15	-	22.5	22.5	11.75	197	434
15	R	22.5	22.5	11.75	180	397
16	-	22.5	22.5	13.00	228	502
16.5	-	22.5	22.5	13.00	244	536
16.5	R	22.5	22.5	13.00	220	485
18	-	22.5	22.5	14.00	264	581
18	R	22.5	22.5	14.00	252	555
42 / 1200	-	22.5	22.5	9.00	144	316
235 / 80	R	22.5	22.5	6.75	88	193
245 / 75	-	22.5	22.5	7.50	80	176

TIRE SIZE				RIM DIAMETER	RIM WIDTH	KGS	LBS
245	/	75	R 22.5	22.5	7.50	91	201
255	/	70	- 22.5	22.5	7.50	99	218
255	/	70	R 22.5	22.5	N/A	89	205
255	/	80	R 22.5	22.5	7.50	95	209
265	/	75	R 22.5	22.5	7.50	104	229
275	/	80	R 22.5	22.5	8.25	118	260
295	/	60	R 22.5	22.5	9.00	101	223
295	/	75	R 22.5	22.5	9.00	138	304
305	/	75	R 22.5	22.5	9.00	171	376
305	/	85	R 22.5	22.5	9.00	173	381
315	/	80	R 22.5	22.5	9.00	168	370
385	/	65	R 22.5	22.5	11.75	159	350
425	/	65	R 22.5	22.5	12.25	233	512
445	/	65	R 22.5	22.5	13.00	305	672
455	/	65	D 22.5	22.5	N/A	226	498
23 INCH WHEELS							
19.00			- 23	23	14.75	336	740
52	x	20.5	- 23	23	13.00	360	791
54	x	21.0	- 23	23	16.25	406	894
1400	x	530	R 23	23	16.25	477	1050
23			- 23.5 ML	23.5	17.00	390	858
B46	x	16	x 23.5	23.5	10.50	200	440
24 INCH WHEELS							
7.00			- 24 TG	24	5.50	64	141
7.50			- 24 TG	24	6.00	76	167
7.50			- 24 SL	24	7.00	79	174
8.3			- 24	24	7.00	68	150
9.00			- 24 TG	24	7.00	139	305
9.00			- 24 SL	24	8.00	164	360
9.50			- 24	24	6.00	71	157
9.50			- 24	24	8.00	98	215
10.00			- 24 TG	24	8.00	134	294
10.00			R 24 TG	24	8.00	145	320
11.00			- 24	24	8.00	146	321
11.00			R 24	24	8.00	157	346
11.00			- 24 SL	24	10.00	168	370
11.2			- 24	24	10.00	150	330
11.25			- 24 SL	24	10.00	188	414
11.2			- 24	24	10.00	150	330
11.25			- 24 SL	24	10.00	188	414
12.00			- 24	24	8.50	168	370
12.00			R 24	24	8.50	185	406
12.4			- 24	24	11.00	162	356
13.00			- 24	24	8.00	259	570
13.00			R 24 TG	24	8.00	294	647
13.00			R 24 NHS	24	8.00	298	655
13.6			- 24	24	12.00	211	465
14.00			- 24	24	10.00	277	620
14.00			R 24	24	10.00	277	620
14.9			- 24	24	13.00	259	570
14.9			R 24	24	13.00	303	666
15.5	/	80	- 24	24	N/A	295	650
16.00			- 24	24	10.00	408	898
16.00			R 24	24	10.00	429	943
16.9			- 24	24	15.00	339	745
16.9			R 24	24	15.00	334	734
17.5 L			- 24	24	15.00	306	673
17.5 L			R 24	24	15.00	385	846
18.00			- 24	24	10.00	526	1158
18.00			R 24	24	10.00	499	1098

TIRE SIZE			RIM DIAMETER	RIM WIDTH	KGS	LBS
18.4		- 24	24	16.00	417	917
19.5		- 24	24	17.00	395	869
19.5 L		R 24	24	17.00	496	1092
20		R 24	24	16.00	648	1426
21 L		- 24	24	18.00	478	1052
22		- 24	24	16.00	524	1152
48	x 20.00	- 24 NHS	24	15.00	349	768
320	/ 70	R 24	24	10.00	136	299
320	/ 75	R 24	24	10.00	136	299
360	/ 70	R 24	24	11.00	177	390
380	/ 70	R 24	24	12.00	201	442
380	/ 85	R 24	24	13.00	297	653
385	/ 95	R 24	24	10.00	301	663
400	/ 70	- 24 IND	24	13.00	261	574
400	/ 70	R 24	24	13.00	261	574
400	/ 80	- 24	24	N/A	270	595
400	/ 80	- 24 IND	24	13.00	242	533
420	/ 70	R 24	24	13.00	249	548
440	/ 70	R 24	24	15.00	307	675
440	/ 70	R 24	24	14.00	325	714
440	/ 80	R 24	24	14.00	385	846
460	/ 70	R 24	24	14.00	355	782
500	/ 70	R 24	24	16.00	414	911
500	/ 70	R 24	24	16.00	443	974
540	/ 70	R 24	24	18.00	537	1181
555	/ 70	R 24	24	16.00	531	1168
560	/ 65	D 24	24	13.00	490	1077
H54	x 21.0	- 24	24	13.00	386	849
24.5 INCH WHEELS						
11		- 24.5	24.5	8.25	136	299
11		R 24.5	24.5	8.25	128	282
12		- 24.5	24.5	9.00	158	348
12		R 24.5	24.5	9.00	148	326
13.5		- 24.5	24.5	10.50	181	398
13.5		R 24.5	24.5	10.50	190	417
245	/ 75	- 24.5	24.5	7.75	94	207
245	/ 75	R 24.5	24.5	7.75	98	216
275	/ 80	R 24.5	24.5	8.25	126	277
285	/ 75	- 24.5	24.5	8.25	123	270
285	/ 75	R 24.5	24.5	8.25	112	247
25 INCH WHEELS						
11.00		- 25 ML	25	8.50	229	503
12.00		- 25 NHS	25	8.50	174	383
12.00		R 25 NHS	25	8.50	194	426
13.00		- 25 NHS	25	10.00	231	508
13.00		R 25 NHS	25	10.00	241	531
14.00		- 25 ML	25	10.00	326	718
14.00		R 25 NHS	25	10.00	292	643
15.5		- 25	25	12.00	248	546
15.5		R 25	25	12.00	274	603
16.00		- 25	25	11.25	432	950
16.00		R 25	25	11.25	420	925
17.5		- 25	25	14.00	364	800
17.5		R 25	25	14.00	360	792
18.00		- 25	25	13.00	477	1050
18.00		R 25	25	13.00	588	1293
20	/ 65	- 25	25	16.00	347	764
20.5		- 25	25	17.00	489	1075
20.5		R 25	25	17.00	510	1123
21.00		- 25	25	15.00	729	1604

TIRE SIZE			RIM DIAMETER	RIM WIDTH	KGS	LBS
21.00		R 25	25	15.00	810	1782
22.00		- 25	25	N/A	568	1250
22	/	65 R 25	25	14.00	440	967
23.5		- 25	25	19.50	634	1394
23.5		R 25	25	19.50	614	1350
24.00		- 25	25	17.00	973	2140
24.00		R 25	25	17.00	1080	2376
25	/	65 - 25	25	20.00	588	1293
25	/	65 R 25	25	20.00	616	1355
26.5		- 25	25	22.00	859	1889
26.5		R 25	25	22.00	958	2108
29.5		- 25	25	25.00	1159	2550
29.5		R 25	25	25.00	1183	2602
30	/	65 - 25	25	24.00	910	2003
30	/	65 R 25	25	24.00	955	2102
35	/	65 - 25	25	28.00	1328	2922
61	x	18.00 - 25	25	13.00	618	1360
65	x	25 - 25	25	19.50	757	1665
66	x	43.00 - 25 NHS	25	36.00	1505	3310
66	x	44.00 - 25 NHS	25	36.00	1474	3243
67	x	34.00 - 25 NHS	25	30.00	1192	2622
385	/	95 R 25	25	10.00	296	652
395	/	80 R 25	25	12.00	264	580
445	/	80 R 25	25	14.00	347	763
445	/	95 R 25	25	11.25	416	915
505	/	95 R 25	25	13.00	567	1247
525	/	80 R 25	25	17.00	505	1111
550	/	65 R 25	25	17.00	481	1059
555	/	70 R 25	25	17.00	544	1197
575	/	95 R 25	25	15.00	779	1713
600	/	65 R 25	25	N/A	591	1301
605	/	80 R 25	25	19.50	709	1559
625	/	70 R 25	25	19.50	652	1435
650	/	65 R 25	25	19.50	716	1576
705	/	70 R 25	25	22.00	968	2130
750	/	65 R 25	25	25.00	1012	2227
755	/	70 R 25	25	25.00	1145	2519
850	/	65 R 25	25	25.00	1375	3026
1000	/	50 R 25	25	30.00	1458	3207
26 INCH WHEELS						
12.4		- 26	26	11.00	166	365
13.6		- 26	26	12.00	207	455
14.9		- 26	26	12.00	275	604
14.9		R 26	26	13.00	270	594
16.00		- 26	26	15.50	466	1026
16.9		- 26	26	15.00	356	783
16.9		R 26	26	15.00	352	774
18.00		- 26 TG	26	16.00	567	1248
18.4		- 26	26	16.00	437	962
18.4		R 26	26	16.00	438	964
23.1		- 26	26	20.00	708	1558
28 L		- 26	26	25.00	848	1865
28 L		R 26	26	25.00	936	2059
54	x	31.00 - 26 NHS	26	26.00	643	1414
66	x	43.00 - 26 NHS	26	36.00	1386	3050
67	x	34.00 - 26 NHS	26	30.00	1158	2548
480	/	70 R 26	26	15.00	355	781
480	/	80 - 26 IND	26	15.00	520	1144
480	/	80 R 26 IND	26	15.00	520	1144
620	/	75 R 26	26	20.00	773	1701

TIRE SIZE			RIM DIAMETER	RIM WIDTH	KGS	LBS
28 INCH WHEELS						
11.2	-	28	28	10.00	150	330
11.25	-	28 SL	28	10.00	209	460
12.4	-	28	28	11.00	190	419
13.6	-	28	28	12.00	234	515
13.6	R	28	28	12.00	268	589
14.9	-	28	28	13.00	289	635
14.9	R	28	28	13.00	289	636
16.9	-	28	28	15.00	373	821
16.9	R	28	28	15.00	431	948
18.4	-	28	28	16.00	458	1007
18.4	R	28	28	16.00	487	1071
20.8	R	28	28	16.00	651	1433
21 L	-	28	28	18.00	626	1376
380 / 70	R	28	28	12.00	225	494
380 / 85	R	28	28	12.00	331	728
420 / 70	R	28	28	13.00	277	610
420 / 85	R	28	28	N/A	337	741
440 / 80	R	28	28	N/A	370	813
440 / 80	R	28	28	14.00	430	945
480 / 70	R	28	28	15.00	374	822
500 / 70	R	28 IND	28	16.00	486	1070
600 / 65	R	28	28	N/A	415	913
29 INCH WHEELS						
24.00	-	29	29	17.00	1051	2313
24.00	R	29	29	17.00	1169	2571
26.5	-	29	29	22.00	932	2050
26.5	R	29	29	22.00	1041	2290
29.5	-	29	29	25.00	1200	2640
29.5	R	29	29	25.00	1346	2962
33.25	-	29	29	27.00	1550	3409
33.25	R	29	29	27.00	1725	3796
20 / 65	-	29	29	16.00	384	844
25 / 65	-	29	29	20.00	644	1417
30 / 65	-	29	29	24.00	931	2048
30 / 65	R	29	29	24.00	1041	2291
35 / 65	-	29	29	28.00	1439	3166
775 / 65	R	29	29	27.00	1090	2399
800 / 65	R	29	29	27.00	1177	2590
875 / 65	R	29	29	27.00	1460	3211
30 INCH WHEELS						
6.00	-	30	30	5.00	41	90
7.2	-	30	30	6.00	52	115
12.4	-	30	30	12.00	268	589
14.9	R	30	30	13.00	303	667
16.9	-	30	30	15.00	390	859
16.9	R	30	30	15.00	397	874
18.4	-	30	30	16.00	479	1053
23.1	-	30	30	20.00	769	1692
67 / 34.00	-	30	30	30.00	896	1972
67 x 34.00	-	30 NHS	30	30.00	1095	2410
67 / 37.00	-	30	30	28.00	1095	2410
380 / 85	R	30	30	12.00	300	659
420 / 70	-	30	30	N/A	295	648
420 / 70	R	30	30	13.00	303	667
420 / 90	R	30	30	13.00	468	1030
480 / 70	R	30	30	15.00	392	863
520 / 70	R	30	30	16.00	466	1026
540 / 65	R	30	30	18.00	558	1228
600 / 70	R	30	30	18.00	765	1682

TIRE SIZE			RIM DIAMETER	RIM WIDTH	KGS	LBS
32 INCH WHEELS						
9.5	-	32	32	8.00	109	240
12.4	-	32	32	11.00	250	549
24.5	-	32	32	21.00	905	1992
30.5 L	-	32	32	27.00	1152	2534
30.5 L	R	32	32	27.00	1179	2593
33 L	-	32	32	27.00	1282	2820
33.5 L	-	32	32	31.00	1823	4010
DH35.5 L	-	32	32	44.00	1152	2534
38 L	-	32	32	31.00	1791	3941
40.5 L	-	32	32	35.00	2112	4647
68 x 50.00	-	32 NHS	32	44.00	2135	4736
650 / 75	R	32	32	20.00	955	2101
800 / 65	R	32	32	25.00	1250	2750
900 / 60	R	32	32	27.00	1686	3710
1050 / 50	R		32	33.00	1819	4002
VA73 x 44.00	-	32	32	36.00	2264	4980
33 INCH WHEELS						
18.00	-	33	33	13.00	624	1372
18.00	R	33	33	13.00	695	1528
21.00	-	33	33	15.00	905	1990
27.00	-	33	33	22.00	1581	3478
27.00	R	33	33	22.00	1757	3866
30.00	-	33	33	22.00	1975	4346
33.5	-	33	33	28.00	1765	3883
33.5	R	33	33	28.00	1967	4327
37.5	-	33	33	32.00	2286	5030
37.5	R	33	33	32.00	2545	5599
21 / 90	R	33	33	13.00	866	1905
30 / 65	-	33	33	24.00	1074	2363
35 / 65	-	33	33	28.00	1457	3205
35 / 65	R	33	33	28.00	1626	3578
875 / 65	R	33	33	N/A	1727	3799
34 INCH WHEELS						
11.2	-	34	34	10.00	373	821
14.9	R	34	34	13.00	384	844
16.9	-	34	34	15.00	425	935
16.9	R	34	34	15.00	492	1082
18.4	-	34	34	16.00	516	1136
18.4	R	34	34	16.00	603	1326
20.8	-	34	34	18.00	667	1468
20.8	R	34	34	18.00	774	1703
23.1	R	34	34	20.00	831	1828
250 / 95	R	34	34	8.00	151	332
290 / 95	R	34	34	9.00	215	473
320 / 85	R	34	34	10.00	256	564
380 / 85	R	34	34	12.00	349	767
400 / 80	R	34	34	16.00	374	822
420 / 85	R	34	34	13.00	388	853
480 / 70	R	34	34	15.00	503	1106
480 / 75	R	34	34	15.00	395	869
480 / 80	R	34	34	N/A	486	1069
480 / 85	R	34	34	15.00	591	1301
520 / 70	R	34	34	16.00	405	891
520 / 70	R	34	34	16.00	598	1315
540 / 65	R	34	34	18.00	561	1234
650 / 75	R	34	34	20.00	799	1758
650 / 75	R	34	34	20.00	1027	2259
710 / 75	R	34	34	23.00	1283	2822

TIRE SIZE		RIM DIAMETER	RIM WIDTH	KGS	LBS
35 INCH WHEELS					
21.00	- 35	35	15.00	884	1945
21.00	R 35	35	15.00	984	2165
24.00	- 35	35	17.00	1170	2573
24.00	R 35	35	17.00	1300	2861
29.5	- 35	35	25.00	1343	2954
29.5	R 35	35	25.00	1499	3298
33.25	- 35	35	27.00	1716	3776
33.25	R 35	35	27.00	1913	4209
37.25	- 35	35	31.00	2231	4909
37.25	R 35	35	31.00	2485	5467
36 INCH WHEELS					
9.5	- 36	36	8.00	123	270
11.2	- 36	36	10.00	181	399
12.00	- 36	36	11.00	286	630
12.4	- 36	36	11.00	229	504
13.9	- 36	36	12.00	260	572
14.9	- 36	36	12.00	334	735
31.5	- 36	36	26.50	1379	3033
38 INCH WHEELS					
11.2	- 38	38	10.00	189	416
12.4	- 38	38	11.00	239	525
13.6	- 38	38	12.00	292	643
14.9	- 38	38	13.00	358	787
15.5	- 38	38	14.00	335	737
15.5	R 38	38	14.00	341	750
16.9	- 38	38	15.00	460	1011
16.9	R 38	38	15.00	460	1175
18.4	- 38	38	16.00	561	1234
18.4	R 38	38	16.00	651	1433
20.8	- 38	38	18.00	744	1637
20.8	R 38	38	18.00	834	1834
33 L	- 38	38	27.00	1422	3129
35.5 L	- 38	38	31.00	1685	3706
38 L	- 38	38	31.00	1984	4364
40.5 L	- 38	38	35.00	2332	5131
290 / 90	R 38	38	9.00	240	528
320 / 85	R 38	38	10.00	230	505
380 / 80	R 38	38	12.00	362	796
460 / 85	R 38	38	N/A	618	1360
480 / 70	R 38	38	15.00	478	1052
480 / 80	R 38	38	15.00	644	1417
520 / 70	R 38	38	16.00	552	1215
520 / 85	R 38	38	16.00	833	1833
580 / 70	R 38	38	18.00	707	1555
710 / 70	R 38	38	23.00	1225	2696
800 / 70	R 38	38	25.00	1775	3906
39 INCH WHEELS					
30.00	- 39	39	22.00	2814	6190
33.5	- 39	39	28.00	1940	4268
33.5	R 39	39	28.00	2163	4758
37.5	- 39	39	32.00	2502	5505
37.5	R 39	39	32.00	2788	6133
38.00	- 39	39	32.00	1895	4170
40 / 65	- 39	39	32.00	2210	4862
40 / 65	R 39	39	32.00	2474	5442
40.5 / 75	R 39	39	32.00	3691	8120

TIRE SIZE	RIM DIAMETER	RIM WIDTH	KGS	LBS
41.25 / 70 - 39	39	32.00	2527	5560
45 / 65 - 39	39	36.00	3130	6885
45 / 65 R 39	39	36.00	3130	6885
41 INCH WHEELS				
96 x 40 - 41	41	N/A	2182	4800
42 INCH WHEELS				
9.5 - 42	42	8.00	180	395
12.4 - 42	42	11.00	266	585
18.4 - 42	42	16.00	602	1324
18.4 R 42	42	16.00	700	1539
20.8 - 42	42	18.00	770	1693
20.8 R 42	42	18.00	894	1966
290 / 90 R 42	42	20.00	260	572
320 / 80 R 42	42	N/A	213	468
320 / 90 R 42	42	10.00	323	711
480 / 80 R 42	42	15.00	695	1529
520 / 85 R 42	42	16.00	888	1954
580 / 70 R 42	42	18.00	893	1964
620 / 70 R 42	42	20.00	996	2191
650 / 65 R 42	42	20.00	1009	2219
710 / 70 R 42	42	23.00	1361	2994
900 / 50 R 42	42	34.90	1515	3333
43 INCH WHEELS				
24.00 - 43	43	17.00	1327	2920
45 INCH WHEELS				
40 / 65 - 45	45	32.00	2217	4878
45 / 65 - 45	45	32.00	2978	6552
45 / 65 R 45	45	36.00	3205	7052
50 / 65 - 45	45	40.00	4413	9708
55 / 65 - 45	45	44.00	5558	12228
1150 / 65 R 45	45	N/A	4008	8818
46 INCH WHEELS				
13.6 - 46	46	12.00	333	732
13.6 R 46	46	12.00	348	765
14.9 R 46	46	12.00	408	898
18.4 R 46	46	16.00	692	1523
320 / 90 R 46	46	10.00	353	776
340 / 85 R 46	46	11.00	372	819
380 / 90 R 46	46	12.00	509	1120
420 / 80 R 46	46	13.00	531	1169
480 / 80 R 46	46	15.00	706	1553
520 / 70 R 46	46	16.00	994	2008
620 / 70 R 46	46	20.00	1064	2340
48 INCH WHEELS				
230 / 95 R 48	48	N/A	141	310
230 / 95 R 48	48	7.00	178	392
250 / 95 R 48	48	8.00	168	369
49 INCH WHEELS				
18.00 - 49	49	13.00	815	1792
18.00 R 49	49	13.00	908	1998
21.00 - 49	49	15.00	1101	2423
21.00 R 49	49	15.00	1227	2700
24.00 - 49	49	17.00	1445	3180
24.00 R 49	49	17.00	1609	3540
27.00 - 49	49	19.50	2045	4499

TIRE SIZE		RIM DIAMETER	RIM WIDTH	KGS	LBS
27.00	R 49	49	19.50	2148	4726
31 / 80	R 49	49	22.00	2645	5818
31 / 90	R 49	49	19.50	2801	6162
50 INCH WHEELS					
250 / 95	R 50	50	8.00	221	486
320 / 90	R 50	50	10.00	354	779
380 / 90	R 50	50	12.00	517	1137
480 / 80	R 50	50	15.00	752	1654
51 INCH WHEELS					
24.00	- 51	51	17.00	1575	3466
27.00	- 51	51	19.50	2700	5940
30.00	- 51	51	22.00	2535	5578
30.00	R 51	51	22.00	2825	6216
33.00	- 51	51	24.00	3132	6891
33.00	R 51	51	24.00	3489	7676
36.00	- 51	51	26.00	3951	8693
36.00	R 51	51	26.00	3906	8593
36.00	- 51 DT	51	26.00	4100	9019
36.00	R 51 DT	51	26.00	4397	9674
37.5	- 51	51	32.00	3285	7226
37.5	R 51	51	32.00	3295	7248
50 / 65	- 51	51	40.00	4450	9789
50 / 65	R 51	51	40.00	4988	10973
55 / 65	- 51	51	44.00	5971	13136
60 / 65	- 51	51	48.00	7366	16205
65 / 65	- 51	51	52.00	8950	19691
67	- 51	51	45.00	10818	23800
53 INCH WHEELS					
39 / 90	R 53	53	26.00	4329	9523
54 INCH WHEELS					
12.4	R 54	54	11.00	368	809
230 / 115	R 54	54	8.00	315	693
320 / 90	R 54	54	10.00	378	831
380 / 90	R 54	54	12.00	549	1208
56.5 INCH WHEELS					
27	- 56.5	56.5	20.00	1285	2828
30	- 56.5	56.5	22.00	1751	3852
57 INCH WHEELS					
37.00	R 57	57	27.00	5025	11054
40.00	- 57	57	29.00	5438	11963
40.00	R 57	57	29.00	6050	13311
42 / 90	R 57	57	27.00	6344	13957
46 / 90	R 57	57	29.00	7765	17083
49.5	- 57	57	36.00	8387	18451
50 / 80	R 57	57	34.00	8176	17988
55 / 80	R 57	57	55.00	6895	15170
58 INCH WHEELS					
320 / 90	R 58	58	10.00	398	875
59 INCH WHEELS					
33	- 59.5	59.5	23.50	2254	4958
36	- 59.5	59.5	27.00	2889	6356
39	- 59.5	59.5	27.00	3608	7937

TIRE SIZE				RIM DIAMETER	RIM WIDTH	KGS	LBS
LSW SIZES							
23	x	8.50	- 360	14.2	7.00	28	62
23	x	10.50	- 360	14.2	8.00	35	77
26	x	12	D 380	15.0	10.00	55	121
265			- 521	20.5	8.25	40	89
305			- 546	21.5	9.75	60	133
350			- 597	23.5	10.50	103	227
15			- 625	24.6	10.00	159	350
18			- 625	24.6	15.00	183	402
355	/	55	D 625	24.6	11.75	110	243
385			- 648	25.5	12.25	168	370
445	/	50	D 710	27.95	15.00	256	563
330			- 851	33.5	10.00	180	395
375			- 851	33.5	12.00	171	377
BICYCLE TIRES							
16	x	1.75	- 16	16	0.98	2	4
16	x	2.125	- 16	16	1.06	3	6
20	x	1.75		16.31	0.98	1	2
20	x	2.125		16.31	1.06	2	5
24	x	1.25		24	0.78	1	3
24	x	1.375		24	0.78	2	4
24	x	1.75		24	0.98	3	6
24	x	2.125		24	1.06	4	9

Use this space to record unlisted weights.

FORMULA

The tire weight charts presented may be used to determine the **approximate amount** (weight in pounds) of Rely• Products that will be needed to fill any of a wide range of standard size tires. For any tire not listed in the chart using the following formula may approximate the fill weight.

$$\text{Approximate Fill Weight} = 2.47 \times \text{Section Height} \times \text{Section Width} \times (\text{Section Height} + \text{Rim Diameter}) \times 0.036$$

$$\text{SH} = \text{SECTION HEIGHT (OUTSIDE DIAMETER)} - \text{RIM DIAMETER} \div 2$$

The tire weight charts, as well as the above formula, will produce only approximate weights due to normal variances among individual tires with respect to internal volumes and final pressure. The exact weight of the tire fill can only be determined by subtracting the weight of each unfilled tire from the weight of the tire after filling.

When using the Lincoln Powerfill 2000 series pump, equipped with pneumatic stroke counter, record the number of strokes shown. The fill weight of each tire can be approximated using the following formula.

$$\text{Fill Weight} = \text{Number of strokes} \times 0.90$$

10 strokes = 9 lbs.

For the Lincoln Pumps equipped with the digital counter, simply record the numbers shown.
The digital counter reads in pounds – not strokes.

For the Intelli-Pumps equipped with the digital counter, simply record the numbers shown.
The digital counter reads in pounds – not strokes.

When using Graco Pump, the fill weight of each tire can be approximate using the following formula:

$$\text{Fill Weight} = \text{Number of strokes} \times 0.84$$

10 strokes = 8.4 lbs.

Again, keep in mind that these formulas will only give an **approximate weight**. The most accurate method of determining the fill weight is to weigh the tire both before and after processing.

WEIGHT ESTIMATION GUIDE



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