Tire Application Guide

The Ultimate Sealant
And Premium Tire Guard

READ CAREFULLY BEFORE INSTALLATION

Orange Armor must be allowed to thoroughly coat the inside of the tire and rim before complete tire protection is achieved.

It is necessary to drive the vehicle or rotate the tire slowly several times after installation.

Orange Armor works with most low tire pressure indicator sensors.

Orange Armor is not recommended for use with low tire pressure equalizer systems.

NOTE: Do not install in tires containing water, anti-freeze, calcium chloride, or any other liquid ballast or other sealant. This may cause Orange Armor to become ineffective.

OFF ROAD TIRES

Formula for tire sizes not found in this section: Tire Height x Full Tire Width + (divided by) 10 = Ounces per Tire

4 IN. RIMS	**OZ**
2.50 - 4	6
2.80 - 4	8
4.10 - 4	8
9 x 3.50 - 4	8
11 x 4.00 - 4	9
5 IN. RIMS	**OZ**
3.40 - 5	8
4.10 - 5	12
4.10/3.50 - 5	10
10 x 4.50 - 5	9
10.5 x 5.00 - 5	11
11 x 3.50 - 5	8
11 x 4.00 - 5	9
11 x 4.50 - 5	10
11 x 6.00 - 5	13
11 x 7.00 - 5	15
11 x 7.50 - 5	17
13 x 5.00 - 5	13
6 IN. RIMS	**OZ**
4.00 - 6	12
4.10 - 6	12
4.10/3.50 - 6	12
5.30 - 6	20
6.90/6.00 - 6	25
8.00 - 6	22
12 x 6.00 - 6	14
12 x 8.00 - 6	19
12 x 11.00 - 6	26
13 x 5.00 - 6	13
13 x 6.00 - 6	16
13 x 6.50 - 6	17
14 x 4.50 - 6	13
14 x 6.00 - 6	17
14 x 8.00 - 6	22
15 x 6.00 - 6	18
16.00x4.50 - 6	14
145/70 - 6	16
7 IN. RIMS	**OZ**
4.50 - 7	16
4.80 - 7	16
8 IN. RIMS	**OZ**
4.00 - 8	16
4.30 - 8	17
4.80 - 8	18
5.00 - 8	21
5.70 -8	22

6.00 - 8	22
11 x 4.00 - 8	10
16 x 5.00 - 8	16
16 x 5.50 - 8	18
16 x 6.50 - 8	21
16 x 7.50 - 8	24
16.5 x 6.50 - 8	21
18 x 6.00 - 8	22
18 x 6.50 - 8	23
18 x 6.60 - 8	24
18 x 7.00 - 8	25
18 x 7.50 - 8	27
18 x 8.50 - 8	31
18 x 9.00 - 8	32
18 x 9.50 - 8	34
18 x 10.00 - 8	36
18 x 11.00 - 8	40
18.50 - 8	24
18.5 x 8.50 - 8	31
19 x 8.00 - 8	30
19 x 9.00 - 8	34
19 x 9.50 - 8	36
20 x 7.00 - 8	28
20 x 8.00 - 8	32
20 x 9.00 - 8	36
20 x 10.00 - 8	40
20 x 11.00 - 8	44
20.5 x 7.00 - 8	29
20.5x 10.00 - 8	41
21 x 11.00 - 8	46
21 x 12.00 - 8	50
22 x 9.00 - 8	40
22 x 10.00 - 8	44
22 x 11.00 - 8	48
22 x 12.00 - 8	53
23 x 10.00 - 8	46
25 x 13.00 - 8	65
9 IN. RIMS	**OZ**
4.00 - 9	18
4.80/4 - 9	18
6.00 - 9	24
6.90 - 9	26
18 x 9.00 - 9	32
18 x 11.00 - 9	39
20 x 7.00 - 9	28
20 x 11.00 - 9	44
21 x 8.00 - 9	34

21 x 9.00 - 9	38
22 x 7.00 - 9	31
22 x 10.00 - 9	44
22 x 11.00 - 9	48
22 x 12.00 - 9	53
24 x 13.00 - 9	62
25 x 11.00 - 9	55
25 x 12.00 - 9	60
25 x 13.00 - 9	65
10 IN. RIMS	**OZ**
3.00 - 10	16
3.50 - 10	18
4.50 - 10	20
6.50 - 10	35
7.00 - 10	35
7.50 - 10	38
9.00 - 10	44
15L - 10	60
18 x 9.50 -10	34
18 x 9.80 -10	35
18 x 10.00 - 10	36
18 x 10.50 - 10	38
18 x 11.00 - 10	40
20 x 7.50 -10	30
20 x 8.00 -10	32
20 x 10.00 - 10	40
20 x 11.00 - 10	44
20 x 12.00 - 10	48
20 x 14.00 - 10	56
20.50 - 10	35
20.5 x 7.00 - 10	29
20.5 x 8.00 - 10	33
21 x 7.00 -10	29
21 x 8.00 -10	34
21 x 9.00 -10	38
21 x 12.50 - 10	53
22 x 7.00 -10	31
22 x 8.00 -10	35
22 x 9.00 -10	40
22 x 10.00 - 10	44
22 x 11.00 - 10	48
23 x 7.00 -10	32
23 x 8.00 -10	37
23 x 9.00 -10	41
23 x 10.00 - 10	46
24 x 11.00 - 10	53
25 x 8.00 - 10	40

25 x 11.00 - 10	55
25 x 12.00 - 10	60
27 x 9.00 -10	49
27 x 15.00 - 10	81
10.5 IN. RIMS	**OZ**
23 - 10.5	46
11 IN. RIMS	**OZ**
22 x 7 - 11	31
23 x 8 - 11	37
23.5 x 8 - 11	38
24 x 8 - 11	38
24 x 9 - 11	43
24 x 10 - 11	48
25 x 8 - 11	40
12 IN. RIMS	**OZ**
3.00 - 12	18
3.50 - 12	20
4.00 - 12	22
4.50 - 12	22
4.80 - 12	24
5.00 - 12	24
5.30 - 12	26
5.70 - 12	28
6.00 - 12	28
6.90 - 12	32
7.00 - 12	36
7.50 - 12	38
8.30 - 12	40
10.00 - 12	44
20 x 6.00 -12	24
22 x 7.50 -12	33
22 x 8.00 -12	35
23x 7.50 -12	35
23 x 8.00 -12	37
23 x 8.50 -12	39
23 x 9.00 -12	41
23 x 9.50 -12	44
23 x 10.00 - 12	46
23 x 10.50 - 12	48
23.5 x 11.00 - 12	52
24 x 9.00 -12	43
24 x 12.00 - 12	58
24 x 13.00 - 12	62
25 x 8.00 -12	40
25 x 10.00 - 12	50
26 x 12.00 - 12	62
26. x 14.00 - 12	74

27 x 10.00 - 12	54
145/80 - 12	25
155/80 - 12	27
14 IN. RIMS	**OZ**
4.00 - 14	25
6.00 - 14	36
7.00 - 14	40
7.50 - 14	45
8.00 - 14	48
8.50 - 14	50
9.00 - 14	55
9.50 - 14	60
9.5L - 14	64
11.00 - 14	65
11L - 14	74
13.00 - 14	80
23 x 8.50 - 14	39
25 x 8.50 - 14	43
70 - 14	36
78 - 14	36
15 IN. RIMS	**OZ**
4.00 - 15	26
5.00 - 15	30
5.50 - 15	32
5.70 - 15	34
5.90 - 15	36
6.00 - 15	38
6.40 - 15	40
6.70 - 15	42
7.00L - 15	52
7.50 - 15	52
7.5L - 15	54
7.60 - 15	54
8.15 - 15	56
8.25 - 15	69
8.5/90 - 15	52
9.00 - 15	62
9.50 - 15	66
9.5L - 15	66
9.70 - 15	68
10.00 - 15	76
11.00 - 15	78
11L - 15	78
12.2L - 15	80
12.5L - 15	80
13.50 - 15	90
14.50L - 15	100

18.25 - 15	120
25 x 7.50 - 15	38
25 x 9.00 - 15	45
25 x 10.50 - 15	53
25 x 12.50 - 15	63
27x 7.50 - 15	41
27 x S.50 - 15	46
27 x 9.50 - 15	51
27 x 10.50 - 15	57
28 x 9.00 - 15	50
28 x 12.00 - 15	67
28 x 13.00 - 15	73
29 x 8.00 - 15	46
29 x 9.50 - 15	55
29 x 10.00 - 15	58
29 x 10.50 - 15	61
29 x 12.00 - 15	70
29 x 12.50 - 15	73
29 x 14.00 - 15	81
29 x 15.50 - 15	90
29 x 18.50 - 15	107
30 x 8.00 - 15	48
30 x 9.50 - 15	57
31 x 10.50 - 15	63
31 x 11.50 - 15	71
31 x 12.50 - 15	78
31 x 13.50 - 15	84
31 x 15.50 - 15	96
32 x 11.50 - 15	74
32 x 12.00 - 15	77
32 x 14.50 - 15	93
32 x 15.00 - 15	96
33 x 12.50 - 15	83
33 x 21.50 - 15	142
35 x 12.50 - 15	88
35 x 15.00 - 15	105
36 x 11.00 - 15	79
36 x 13.50 - 15	97
38 x 16.00 - 15	122
250 - 15	66
300 - 15	92
16 IN. RIMS	**OZ**
4.00 - 16	32
4.50 - 16	32
5.00 - 16	36
5.50 - 16	37
6.00 - 16	42

6.50 - 16	46
7.00 - 16	48
7.20 - 16	50
7.50 - 16	56
8.00 - 16	60
8.25 - 16	62
8.30 - 16	64
9.00 - 16	70
9.50 - 16	74
10.00 - 16	78
11.00 - 16	90
11L - 16	90
11.20 - 16	90
11.50 - 16	96
12.40 - 16	98
12.50 - 16	98
12.5L - 16	98
13.60 - 16	102
18.4 - 16	180
33 x 9.50 - 16	63
215/85 - 16	53
225/75 - 16	53
225/85 - 16	56
235/85 - 16	60
245/75 - 16	60
255/85 - 16	68
265/75 - 16	68
16.1 IN. RIMS	**OZ**
13.50 - 16.1	128
14L - 16.1	130
14.5175 - 16.1	110
16.5L - 16.1	160
18.4 - 16.1	186
19L - 16.1	186
21.5L - 16.1	220
35 x 19.00 - 16.1	133
38 x 20.00 - 16.1	152
42 x 16.53 - 16.1	139
45 x 18.42 - 16.1	166
45 x 21.5L - 16.1	194
16.5 IN. RIMS	**OZ**
10 - 16.5	78
12 - 16.5	86
30.5x12.50 - 16.5	76
31 x 11.50 - 16.5	71
33 x 12.50 - 16.5	83
33 x 14.50 - 16.5	96

35x 14.50-16.5	101
36.5x12.50 -16.5	91
16.7 IN. RIMS	**OZ**
14L - 16.7	120
17 IN. RIMS	**OZ**
7.00 - 17	42
7.50 - 17	46
8.25 - 17	48
17.5 IN. RIMS	**OZ**
7.00 - 17.5	42
8.00 - 17.5	46
10.00 - 17.5	50
14.00 - 17.5	70
36 x 16.00 - 17.5	115
225/75 - 17.5	56
235/75 - 17.5	59
18 IN. RIMS	**OZ**
4.00 - 18	26
6.00 - 18	28
7.00 - 18	46
7.50 - 18	60
10.00 - 18	64
10.50 - 18	66
10.5/80 - 18	73
11.00 - 18	68
12.5 - 18	70
12.5/80 - 18	95
13.0 - 18	72
19 IN. RIMS	**OZ**
4.00 - 19	28
6.00 - 19	32
19.5 IN. RIMS	**OZ**
7.00 - 19.5	80
8.00 - 19.5	84
9.00 - 19.5	86
9.50 - 19.5	88
15.00 - 19.5	120
16.50 - 19.5	138
18.00 - 19.5	162
19.50 - 19.5	170
40 x 19.00 - 19.5	152
245/70 - 19.5	65
265/70 - 19.5	73
285/70 - 19.5	81
305/70 - 19.5	89
20 IN. RIMS	**OZ**
7.00 - 20	74

OFF ROAD TIRES (CONT.)

Formula for tire sizes not found in this section: Tire Height x Full Tire Width + (divided by) 10 = Ounces per Tire

7.50 - 20	76	295/75 - 22.5	95	20.50 - 25	265	380/85 - 28	164	**34 IN. RIMS**	**OZ**	43.50 - 39	880	**54 IN. RIMS**	**OZ**
8.00 - 20	78	295/80 - 22.5	98	21.00 - 25	270	420/70 - 28	173	11.20 - 34	150	45/65 - 39	878	320/90 - 54	197
8.25 - 20	80	315/80 - 22.5	108	22.00 - 25	276	440/80 - 28	198	12.40 - 34	170	**42 IN. RIMS**	**OZ**	**56.5 IN. RIMS**	**OZ**
9.00 - 20	88	365/70 - 22.5	125	22/65 - 25	236	480/70 - 28	211	14.90 - 34	196	9.50 - 42	170	27.00 - 56.5	600
9.50 - 20	90	385/65 - 22.5	131	23/80 - 25	284	540/65 - 28	242	16.90 - 34	234	12.40 - 42	174	30.00 - 56.5	720
10.00 - 20	92	425/65 - 22.5	152	23/90 - 25	305	600/65 - 28	284	18.40 - 34	250	18.40 - 42	300	**57 IN. RIMS**	**OZ**
10.30 - 20	94	445/65 - 22.5	162	23.50 - 25	312	**29 IN. RIMS**	**OZ**	18.50 - 34	260	18.90 - 42	310	37.00 - 57	1,144
10.50 - 20	98	**23.5 IN. RIMS**	**OZ**	24.00 - 25	370	21.00 - 29	290	20.80 - 34	316	20.80 - 42	330	40.00 - 57	1,242
11.00 - 20	100	23.00 - 23.5	240	25/55 - 25	263	24.00 - 29	330	23.10 - 34	368	480/80 - 42	279	44.00 - 57	1,322
11.20 - 20	100	**24 IN. RIMS**	**OZ**	25/65 - 25	288	24.50 - 29	340	250/95 - 34	106	520/85 - 42	322	46/90 - 57	1,286
11.50 - 20	102	7.00 - 24	72	26.50 - 25	380	26.50 - 29	396	290/95 - 34	130	580/70 - 42	346	49.50 - 57	1,415
12.00 - 20	106	7.20 - 24	74	29.50 - 25	447	29.50 - 29	440	320/85 - 34	143	620/70 - 42	381	50/80 - 57	1,370
12.50 - 20	110	7.50 - 24	76	30/65 - 25	384	30.00 - 29	445	380/85 - 34	182	650/65 - 42	394	52/80 - 57	1,460
13.00 - 20	128	8.30 - 24	78	33.25 - 25	460	30/65 - 29	408	480/70 - 34	234	710/70 - 42	464	53.5/85 - 57	1,583
14.00 - 20	146	9.00 - 24	80	54 x 37.00 - 25	400	875/65 - 29	522	520/70 - 34	263	900/50 - 42	562	55.5/80 - 57	1,620
16.00 - 20	160	9.50 - 24	86	61 x 18.00 - 25	220	**30 IN. RIMS**	**OZ**	600/65 - 34	313	**43 IN. RIMS**	**OZ**	65/65 - 57	1,840
18.00 - 20	170	11.00 - 24	120	66 x 43.00 - 25	568	4.00 - 30	30	650/75 - 34	380	24.00 - 43	500	**59.5 IN. RIMS**	**OZ**
24.00 - 20	210	11.20 - 24	120	66 x 44.00 - 25	580	6.00 - 30	50	710/75 - 34	435	**45 IN. RIMS**	**OZ**	33 - 59.5	850
38 x 14.00 - 20	106	11.25 - 24	134	67 x 34.00 - 25	456	7.20 - 30	60	**35 IN. RIMS**	**OZ**	45/65 - 45	932	36 - 59.5	990
38 x 18.00 - 20	137	11.40 - 24	140	385/95 - 25	167	9.50 - 30	100	18.00 - 35	340	65/45 - 45	1346	39 - 59.5	1,140
41 x 14.00 - 20	115	11.50 - 24	142	445/80 - 25	190	14.90 - 30	186	21.00 - 35	360	**46 IN. RIMS**	**OZ**	**63 IN. RIMS**	**OZ**
42 x 25.00 - 20	210	12.00 - 24	144	445/95 - 25	209	16.90 - 30	224	22.50 - 35	400	13.60 - 46	210	53/80 - 63	1,580
44 x 18.00 - 20	158	12.40 - 24	148	525/80 - 25	246	17.00 - 30	230	24.00 - 35	450	14.90 - 46	236	59/80 - 63	1,920
44 x 41.00 - 20	360	13.00 - 24	150	555/65 - 25	239	18.00 - 30	240	29.50 - 35	494	18.40 - 46	312		
47 x 25.00 - 20	235	13.60 - 24	154	605/80 - 25	308	18.40 - 30	250	33.25 - 35	594	230/95 - 46	117		
48 x 25.00 - 20	240	14.00 - 24	170	660/34 - 25	227	21.00 - 30	270	37.25 - 35	726	320/90 - 46	177		
48 x 26.50 - 20	254	14.90 - 24	178	670/34 - 25	232	23.10 - 30	346	**36 IN. RIMS**	**OZ**	340/85 - 46	188		
48 x 31.00 - 20	298	15.00 - 24	180	**26 IN. RIMS**	**OZ**	67 x 34.00 - 30	456	9.50 - 36	112	380/90 - 46	223		
50 x 20.00 - 20	200	16.00 - 24	195	12.40 - 26	150	380/85 - 30	170	11.20 - 36	140	420/80 - 46	245		
21 IN. RIMS	**OZ**	16.50 - 24	200	13.60 - 26	160	420/90 - 30	202	12.40 - 36	160	480/80 - 46	295		
27.25 - 21	319	16.90 - 24	204	14.90 - 26	172	480/70 - 30	218	13.60 - 36	180	520/85 - 46	338		
22 IN. RIMS	**OZ**	17.50L - 24	204	16.90 - 26	230	540/65 - 30	251	13.90 - 36	200	620/70 - 46	400		
7.50 - 22	70	18.00 - 24	206	18.00 - 26	280	**32 IN. RIMS**	OZ.	14.90 - 36	220	**48 IN. RIMS**	**OZ**		
8.50 - 22	80	18.30 - 24	208	18.40 - 26	298	8.30 - 32	98	16.90 - 36	250	230/95 - 48	120		
10.00 - 22	94	18.40 - 24	220	23.10 - 26	310	9.50 - 32	104	18.00 - 36	270	**49 IN. RIMS**	**OZ**		
11.00 - 22	96	19.40 - 24	228	24.00 - 26	328	12.40 - 32	148	**38 IN. RIMS**	**OZ**	18.00 - 49	360		
12.00 - 22	100	19.50L - 24	230	28.00 - 26	350	16.90 - 32	240	11.20 - 38	142	21.00 - 49	440		
22.5 IN. RIMS	**OZ**	21.00 - 24	250	28L - 26	360	24.50 - 32	380	12.40 - 38	164	24.00 - 49	580		
8.00 - 22.5	76	21.00L - 24	260	54 x 31.00 - 26	332	30.00 - 32	470	12.50 - 38	170	27.00 - 49	612		
9.00 - 22.5	78	48 x 20.00 - 24	192	66 x 43.00 - 26	567	30.50 - 32	480	13.60 - 38	186	**50 IN. RIMS**	**OZ**		
10.00 - 22.5	94	320/75 - 24	111	67 x 34.00 - 26	456	30.5L - 32	480	14.90 - 38	210	250/95 - 50	138		
11.00 - 22.5	96	420/70 - 24	160	620/75 - 26	313	33.50 - 32	520	15.50 - 38	212	320/90 - 50	187		
11.50 - 22.5	98	540/65 - 24	225	**28 IN. RIMS**	**OZ**	35.50 - 32	602	16.90 - 38	248	380/90 - 50	235		
12.00 - 22.5	100	**24.5 IN. RIMS**	**OZ**	11.00 - 28	118	68 x 50.00 - 32	680	18.40 - 38	284	480/80 - 50	310		
12.50 - 22.5	102	11.00 - 24.5	130	11.20 - 28	118	73 x 44.00 - 32	642	20.80 - 38	334	**51 IN. RIMS**	**OZ**		
13.00 - 22.5	104	12.00 - 24.5	140	11.25 - 28	120	73 x 50.00 - 32	730	520/70 - 38	279	24.00 - 51	640		
15.00 - 22.5	106	13.50 - 24.5	144	11.90 - 28	128	650/75 - 32	369	580/70 -38	327	27.00 - 51	650		
15.50 - 22.5	108	**25 IN. RIMS**	**OZ**	12.40 - 28	138	800/65 - 32	471	600/65 - 38	332	30.00 - 51	746		
16.00 - 22.5	110	7.5 - 25	90	13.60 - 28	156	**33 IN. RIMS**	oz.	650/65 - 38	373	33.00 - 51	854		
16.50 - 22.5	112	11.00 - 25	130	14.90 - 28	178	18.00 - 33	294	710/70 - 38	442	36.00 - 51	1,120		
18.00 - 22.5	126	12.00 - 25	138	15.00 - 28	180	21.00 - 33	370	**39 IN. RIMS**	**OZ**	37.00 - 51	1,210		
245/75 - 22.5	73	13.00 - 25	146	16.90 - 28	188	27.00 - 33	460	33.50 - 39	750	37.50 - 51	1,254		
255/70 - 22.5	75	14.00 - 25	156	17.00 - 28	190	30.00 - 33	490	37.50 - 39	780	49/75 - 51	1,220		
255/80 - 22.5	79	15.50 - 25	165	18.40 - 28	240	33.50 - 33	604	38.00 - 39	785	50/65 - 51	1,160		
265/75 - 22.5	81	16.00 - 25	170	21.00 - 28	274	35/65 - 33	550	40/65 - 39	728	**52 IN. RIMS**	**OZ**		
275/70 - 22.5	83	17.50 - 25	215	21L - 28	276	37.50 - 33	728	40.50/75 - 39	808	37.50 - 52	1,100		
275/80 - 22.5	88	18.00 - 25	260	380/70 - 28	150			41.25/70 - 39	800				