

# EQUAL COMMERCIAL TIRE APPLICATION CHART

TIRE PERFORMANCE

## TRUCK TIRES

Tire Size		Wheel Position		Tire Size		Wheel Position		Tire Size		Wheel Position	
		Single	Dual			Single	Dual			Single	Dual
7.50	R18	E-4 oz.	D-6 oz.	11.00	R22	A-12 oz.	B+E=14 oz.	315/80	R22.5	A-12 oz.	B+E=14 oz.
8.00	R19.5	D-6 oz.	C-8 oz.	9.00	R22.5	C-8 oz.	B-10 oz.	365/80	R22.5	B+E=14 oz.	
9.00	R19.5	D-6 oz.	C-8 oz.	10.00	R22.5	B-10 oz.	A-12 oz.	445/50	R22.5	W-16 oz.	
18.00	R19.5	B+C=18 oz.		11.00	R22.5	B-10 oz.	A-12 oz.	455/50	R22.5	W-16 oz.	
225/70	R19.5	D-6 oz.	C-8 oz.	12.00	R22.5	A-12 oz.	B+E=14 oz.	385/65	R22.5	A-12 oz. hwy	W-16oz. flotation
245/70	R19.5	D-6 oz.	C-8 oz.	275/50	R22.5	B-10 oz.	A-12 oz.	425/65	R22.5	B+C=18 oz.	
265/70	R19.5	D-6 oz.	C-8 oz.	235/70	R22.5	D-6 oz.	C-8 oz.	435/45	R22.5	B+E=14 oz.	
275/70	R19.5	C-8 oz.	B-10 oz.	255/70	R22.5	C-8 oz.	B-10 oz.	445/55	R22.5	W-16 oz.	
285/70	R19.5	C-8 oz.	B-10 oz.	11/70	R22.5	B-10 oz.	A-12 oz.	445/65	R22.5	B+C=18 oz.	
295/70	R19.5	C-8 oz.	B-10 oz.	265/70	R22.5	C-8 oz.	B-10 oz.	495/45	R22.5	B+C=18 oz.	
305/70	R19.5	B-10 oz.	A-12 oz.	295/60	R22.5	B-10 oz.	A-12 oz.	15.00	R22.5	A-12 oz. hwy	W-16oz. flotation
280/75	R19.5	C-8 oz.	B-10 oz.	275/70	R22.5	B-10 oz.	A-12 oz.	16.50	R22.5	B+C=18 oz.	
445/65	R19.5	B+C=18 oz.		305/70	R22.5	B-10 oz.	A-12 oz.	18.00	R22.5	B+C=18 oz.	
525/65	R20.5	B+B+C=26 oz.		365/70	R22.5	B+E=14 oz.		11.00	R24	A-12 oz.	B+E=14 oz.
615/65	R20.5	A+A+B=34 oz.		315/70	R22.5	B-10 oz.	A-12 oz.	12.00	R24	B+E=14 oz.	
7.50	R20	C-8 oz.	B-10 oz.	245/75	R22.5	C-8 oz.	B-10 oz.	14.00	R24	B+C=18 oz.	
8.25	R20	C-8 oz.	B-10 oz.	265/75	R22.5	C-8 oz.	B-10 oz.	285/75	R24.5	B-10 oz.	A-12 oz.
9.00	R20	B-10 oz.	A-12 oz.	285/75	R22.5	B-10 oz.	A-12 oz.	305/75	R24.5	A-12 oz.	B+E=14 oz.
10.00	R20	B-10 oz.	A-12 oz.	295/75	R22.5	B-10 oz.	A-12 oz.	315/75	R24.5	A-12 oz.	B+E=14 oz.
11.00	R20	A-12 oz.	B+E=14 oz.	315/75	R22.5	A-12 oz.	B+E=14 oz.	275/80	R24.5	B-10 oz.	A-12 oz.
12.00	R20	A-12 oz.	B+E=14 oz.	345/75	R22.5	A-12 oz.		295/80	R24.5	B-10 oz.	A-12 oz.
12.50	R20	A-12 oz.	B+E=14 oz.	350/75	R22.5	B+E=14 oz.		11.00	R24.5	B-10 oz.	A-12 oz.
13/80	R20	A-12 oz.	B+E=14 oz.	235/80	R22.5	D-6 oz.	C-8 oz.	12.00	R24.5	A-12 oz.	B+E=14 oz.
14/80	R20	B+E=14 oz.	W-16 oz.	255/80	R22.5	C-8 oz.	B-10 oz.				
14.00	R20	W-16 oz.		275/80	R22.5	B-10 oz.	A-12 oz.				
16.00	R20	B+B=20 oz.		295/80	R22.5	A-12 oz.	B+E=14 oz.				
10.00	R22	B-10 oz.	A-12 oz.	305/85	R22.5	A-12 oz.	B+E=14 oz.				

In case of truck or trailer tire/wheel rotation; i.e. drive axle to steer axle, the use of single wheel EQUAL quantity is recommended.

## COMMERCIAL LIGHT TRUCK TIRES

Tire Size		Wheel Position		Tire Size		Wheel Position	
		Single	Dual			Single	Dual
195/70	R15	F-3 oz.	F-3 oz.	315/70	R17.5	C-8 oz.	C-8 oz.
195/65	R16	F-3 oz.	F-3 oz.	195/60	R17.5	F-3 oz.	F-3 oz.
305/70	R16	D-6 oz.	D-6 oz.	205/60	R17.5	F-3 oz.	F-3 oz.
225/75	R16	F-3 oz.	F-3 oz.	225/60	R17.5	E-4 oz.	E-4 oz.
245/75	R16	E-4 oz.	E-4 oz.	8.00	R17.5	E-4 oz.	E-4 oz.
265/75	R16	E-4 oz.	E-4 oz.	8.50	R17.5	E-4 oz.	E-4 oz.
285/75	R16	D-6 oz.	D-6 oz.	9.00	R17.5	D-6 oz.	D-6 oz.
295/75	R16	D-6 oz.	D-6 oz.	10.00	R17.5	C-8 oz.	C-8 oz.
315/75	R16	C-8 oz.	C-8 oz.	11.00	R17.5	B-10 oz.	B-10 oz.
215/85	R16	F-3 oz.	F-3 oz.	14.00	R17.5	A-12 oz.	A-12 oz.
225/85	R16	E-4 oz.	E-4 oz.	195/70	R17.5	F-3 oz.	F-3 oz.
235/85	R16	E-4 oz.	E-4 oz.	215/70	R17.5	E-4 oz.	E-4 oz.
245/85	R16	E-4 oz.	E-4 oz.	235/70	R17.5	E-4 oz.	E-4 oz.
255/85	R16	D-6 oz.	D-6 oz.	205/75	R17.5	E-4 oz.	E-4 oz.
265/85	R16	D-6 oz.	D-6 oz.	215/75	R17.5	E-4 oz.	D-6oz heavy trailer
305/85	R16	C-8 oz.	C-8 oz.	225/75	R17.5	E-4 oz.	E-4 oz.
7.50	R16	F-3 oz.	F-3 oz.	235/75	R17.5	D-6 oz.	D-6 oz.
8.25	R16	E-4 oz.	E-4 oz.	205/80	R17.5	E-4 oz.	E-4 oz.
11.00	R16	C-8 oz.	C-8 oz.	225/80	R17.5	E-4 oz.	E-4 oz.
245/75	R17	E-4 oz.	E-4 oz.	225/90	R17.5	D-6 oz.	D-6 oz.
265/70	R17	E-4 oz.	E-4 oz.	245/70	R18	D-6 oz.	D-6oz heavy trailer
235/80	R17	E-4 oz.	E-4 oz.	275/65	R18	D-6 oz.	D-6 oz.
315/70	R17	D-6 oz.	D-6 oz.				

These tire sizes apply only to light truck tires (must be LT rated) for commercial vehicles with dual wheel positions or a load capacity of 2,000 lbs. or more.

For light truck tires available in a heavy duty plyload rating (10+), use the next EQUAL package size up (additional 2 oz.). Example: A 215/75 R 17.5 light truck tire requires an E package (4 oz.) for normal application. For heavy duty rated tires a D package (6 oz.) is recommended.

## AG TIRES

Tire Size	Wheel Position
14 x 14 x 20	B+B = 20 oz.
42 x 12 x 20	B+B = 20 oz.
42 x 25 x 20	A+A = 24 oz.
44 x 41 x 20	B+B+A = 32 oz.
48 x 25 x 20	B+B+B = 30 oz.
48 x 31 x 20	B+B+A = 32 oz.
66 x 43 x 25	4B's+A = 52 oz.

## CRANE TIRES

Tire Size	Wheel Position
14.0 x 24	B+B = 20 oz.
20.5 x 25	B+B+B = 30 oz.
17.5 x 24	A+B+B = 32 oz.
17.5 x 45	A+A = 24 oz.

## LIGHT TRUCK MUDDER TIRES

Tire		Wheel Position		Tire		Wheel Position		Tire		Wheel Position	
		Start	Range			Start	Range			Start	Range
33x10.50	15	4 oz.	4-6 oz.	34x9	16	4 oz.	4-6 oz.	44x18.5	16.5	10 oz.	10-12 oz.
33x11.50	15	4 oz.	4-6 oz.	34x12.5	16	6 oz.	6-8 oz.	44x19.5	16.5	10 oz.	10-12 oz.
33x12.50	15	6 oz.	6-8 oz.	35x12.50	16	6 oz.	6-8 oz.	49x21	16.5	12 oz.	12-14 oz.
33x14	15	6 oz.	6-8 oz.	35x14.50	16	6 oz.	6-8 oz.	33x12.5	17	6 oz.	6-8 oz.
33x14.5	15	6 oz.	6-8 oz.	36x13	16	6 oz.	6-8 oz.	35x12.5	17	6 oz.	6-8 oz.
33x15.5	15	6 oz.	6-8 oz.	36x14	16	6 oz.	6-8 oz.	37x12.50	17	6 oz.	6-8 oz.
34x9.5	15	4 oz.	4-6 oz.	36x14.50	16	6 oz.	6-8 oz.	38x15.50	17	8 oz.	8-10 oz.
34x12.5	15	6 oz.	6-8 oz.	38x15.50	16	8 oz.	8-10 oz.	38.5x14.50	17	8 oz.	8-10 oz.
35x12.5	15	6 oz.	6-8 oz.	38.5x11.00	16	6 oz.	6-8 oz.	39.5x15	17	8 oz.	8-10 oz.
35x14.5	15	6 oz.	6-8 oz.	38.5x14.5	16	8 oz.	8-10 oz.	42x15	17	8 oz.	8-10 oz.
35x15	15	6 oz.	6-8 oz.	39.5x15	16	8 oz.	8-10 oz.	44x21	17	10 oz.	10-12 oz.
35x16	15	8 oz.	8-10 oz.	40x14.5	16	8 oz.	8-10 oz.	33x12.50	18	6 oz.	6-8 oz.
36x14.5	15	6 oz.	6-8 oz.	42x15	16	8 oz.	8-10 oz.	35x12.50	18	6 oz.	6-8 oz.
36x15.5	15	8 oz.	8-10 oz.	44x21	16	10 oz.	10-12 oz.	37x13.5	18	6 oz.	6-8 oz.
36x16.5	15	8 oz.	8-10 oz.	255/85	16	4 oz.	4-6 oz.	38x15.50	18	8 oz.	8-10 oz.
37x12.5	15	6 oz.	6-8 oz.	325/80	16	6 oz.	6-8 oz.	38.5x14.50	18	8 oz.	8-10 oz.
38x12.5	15	6 oz.	6-8 oz.	33x12.50	16.5	6 oz.	6-8 oz.	33x12.50	20	6 oz.	6-8 oz.
38.5x11	15	6 oz.	6-8 oz.	33x14.00	16.5	6 oz.	6-8 oz.	35x12.50	20	6 oz.	6-8 oz.
38.5x15.5	15	8 oz.	8-10 oz.	33x15.50	16.5	6 oz.	6-8 oz.	38.5x14.50	20	8 oz.	8-10 oz.
38.5x16	15	8 oz.	8-10 oz.	34x9.50	16.5	4 oz.	4-6 oz.	39.5x15	20	8 oz.	8-10 oz.
38.5x16.5	15	8 oz.	8-10 oz.	35x12.5	16.5	6 oz.	6-8 oz.	44x21	20	10 oz.	10-12 oz.
39x15	15	8 oz.	8-10 oz.	35x14.50	16.5	6 oz.	6-8 oz.	38x15.50	20	8 oz.	8-10 oz.
39.5x15	15	8 oz.	8-10 oz.	35x15	16.5	6 oz.	6-8 oz.	39.5x15	20	8 oz.	8-10 oz.
39.5x18	15	8 oz.	8-10 oz.	35x16	16.5	8 oz.	8-10 oz.	35x12.50	22	6 oz.	6-8 oz.
40x17	15	8 oz.	8-10 oz.	36x12.50	16.5	6 oz.	6-8 oz.				
42x15	15	8 oz.	8-10 oz.	36x14.50	16.5	6 oz.	6-8 oz.				
44x18.5	15	10 oz.	10-12 oz.	37x12.50	16.5	6 oz.	6-8 oz.				
44x19.5	15	10 oz.	10-12 oz.	38x12.50	16.5	6 oz.	6-8 oz.				
44x21	15	10 oz.	10-12 oz.	38x15.50	16.5	8 oz.	8-10 oz.				
Q78	15	4 oz.	4-6 oz.	38.5x15	16.5	8 oz.	8-10 oz.				
33x11.50	16	4 oz.	4-6 oz.	38.5x16	16.5	8 oz.	8-10 oz.				
33x12.5	16	6 oz.	6-8 oz.	39.5x15	16.5	8 oz.	8-10 oz.				
33x13	16	6 oz.	6-8 oz.	39.5x18	16.5	8 oz.	8-10 oz.				
33x13.50	16	6 oz.	6-8 oz.	42x15	16.5	8 oz.	8-10 oz.				

There are a number of variables that contribute to vibration in "mudder" tires. Before installing EQUAL, please check the following:  
 • Proper drive line angle • Tire pressure • Lift kit • Run-out of tires  
 • Run-out of wheels • Extreme side wall flex • Tread ripple  
 • Lug pattern that may cause an acoustical vibration  
 These factors will play a role in the vibration of the vehicle and EQUAL will not correct these conditions. We provide a start quantity and a quantity range\* for the following tire sizes based upon our field testing. However, we cannot guarantee the elimination of vibration in all cases due to the previously mentioned variables.

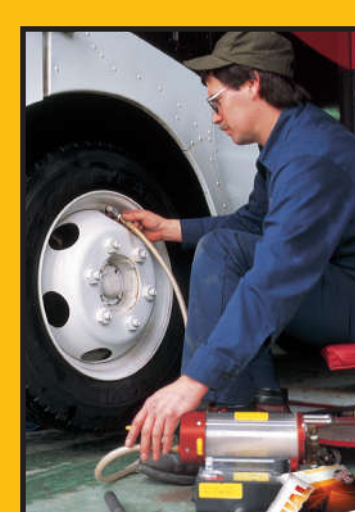
\*1 oz. packages are available to obtain the correct quantity range.

For EQUAL quantities for tire sizes not listed, please visit [www.equalchart.com](http://www.equalchart.com) or contact IMI at 1-800-233-7086.



### Application for Unmounted Tires:

1. Apply bead lubricant.
2. Drop bag in tire before mounting. Do not open the bag.
3. Mount tire on wheel.
4. Insert Air-X Filtered Valve Core into the valve stem.
5. Inflate/adjust air pressure of tire.
6. Use metal sealing or flow-through cap on valve stem.
7. Place yellow EQUAL I.D. ring on valve stem.



### Application for Mounted Tires:

1. Remove all lead weights.
2. Open and close the ball valve at the filler cap end of the Equalizer.
3. Remove fill cap. Pour EQUAL into the open chamber. Replace fill cap. Both ball valves should still be closed.
4. Remove valve core. Deflate tire to 30% of max. recommended air pressure. Attach Equalizer hose assembly to valve stem. Attach air supply line to the air supply connection of Equalizer and adjust air regulator so as not to exceed recommended tire air pressure.
5. Open the ball valve on the hose assembly. Slowly open valve at the air supply line. EQUAL clears the chamber in about 30 seconds - the tire is re-inflated at the same time.
6. Close air supply ball valve and then hose assembly ball valve. Remove hose from valve stem. Open and close the ball valve at the filler cap to release any remaining pressure within the chamber.
7. Insert Air-X Filtered Valve Core into the valve stem.
8. Adjust air pressure of tire. Give one quick burst of air to clear EQUAL out of the valve stem before and after checking air pressure.
9. Use metal sealing or flow-through cap on valve stem.
10. Place yellow EQUAL I.D. ring on valve stem.

**IMI** 25 Penncraft Ave • Suite C • Chambersburg, PA 17201  
 800-233-7086 • [www.imiproducts.com](http://www.imiproducts.com)



The EQUAL Smooth Ride Guarantee provides a full refund of the product purchase price if the application does not result in a smooth ride. EQUAL Tire Performance must be installed according to manufacturer's recommendations. This Guarantee extends to tire and wheel assemblies which are within manufacturer's specifications for radial and lateral runout and vehicles which are within accepted manufacturer's mechanical tolerances. Recommended installation procedures are available in writing from any Certified EQUAL Dealer, or from IMI. If not fully satisfied, contact IMI at 1-800-233-7086.  
 \*The EQUAL Smooth Ride Guarantee does not apply to EQUAL quantities quoted for tire sizes not on the chart.  
 \*The EQUAL Smooth Ride Guarantee does not apply to mudder-tire quantities.