

# #743 SchaefferSeal™ Extreme Duty Tire Sealant



1. **SchaefferSeal™ coats the entire inner liner, wheel and bead area of the tire. It is a self-healing liquid inner tube that can easily be installed through the valve stem of any air filled tire**
2. Works in all air-filled tires.
3. Prevents flat tires with a permanent seal. Seals ¼" diameter punctures in tread area, much larger punctures up to ¾" in heavy ply tires.
4. Reduces fuel costs by maintaining recommended tire pressures.
5. Reduces premature tread wear caused by under inflation by as much as 52%.
6. Prevents porosity leaks, Rim and Bead leaks.
7. Reduces internal dry rot and deterioration by keeping tire casing moist and pliable.
8. Protects against rust and corrosion with anti-corrosion agents. These agents prevent corrosion of rims and steel tire belts. The sealant formulation itself also protects against rust, corrosion and pitting on the rim.
9. Maximizes and extends tire life by maintaining proper air pressures in tires. Properly inflated tires permit the correct amount of tread area to be in contact with the surface which reduces excessive tire flexing that can lead to tire failure.
10. Works as a thermal conductor, transferring heat away from areas of higher temperatures (the tread area), to areas of lower temperature (the sidewalls).
11. Effective in very cold temperatures down to -40°F and will not freeze until -70°F.
12. Does not affect tire balance in heavy duty tires when installed properly and spreads evenly over the inside of the tire which aids tire balance and provides a smooth, constantly protected ride.
13. Seals rim weld imperfections.
14. Reduces the risk of tire blowouts. Most tire blowouts are caused by tires being extremely underinflated. When the tire becomes underinflated the sidewall cannot withstand the flexing and overheating and blows out.
15. Effective for the life of the tire.
16. Stays pH neutral for the life of the tire.
17. Ready to use, no mixing, stirring, shaking or other special preparation needed.
18. The thixotropic advantage. SchaefferSeal™ will thin down when a tire is in motion, but rapidly thickens when the motion ceases, thereby maintaining an even layer of SchaefferSeal™ on the tire inner liner. SchaefferSeal™ will not separate, freeze or ball up. Its adhesion properties provide continuous coating action.





19. Chemically inert. Can be used with nitrogen filled tires. Will not react with the rubber in the tire or a metal wheel.
20. Fibers used to make the permanent plug: cotton, rayon, nylon, and ground pieces of polyethylene. These particulates are not water soluble, therefore they will not dissolve when the tire is driven in rain or snow; the plug is permanent.
21. SchaefferSeal™ based on “Standard Methods for the Examination of Water and Wastewater” American Public Health Association, 1992; California Title 22 Code, Section #66261.24(a) (6) ‘Static Acute Bioassay Procedures For Hazardous Waste Samples’ (Polisini and Miller, 1988), California Department of Toxic Control (**CA, EPA**). SchaefferSeal™ was tested and found to be not environmentally hazardous.
22. Environmental Attorney John R. Spenser, (formerly REGION X Director of the United States Environmental Protection Agency Under two Presidents), concluded that SchaefferSeal™:
  - a. Is non-corrosive.
  - b. Is safe for disposal in landfill under the “most Strict” Washington State regulations.
  - c. Has passed the significant Washington State Bio-Assay Test.
23. SchaefferSeal™ meets or exceeds all criteria for being environmentally safe. The tests conducted on SchaefferSeal™ using the criteria specified by the United States Postal Service concluded that SchaefferSeal™ does not contain, asbestos, in any form, encapsulated or not, or any other substance which the Occupational Safety and Health Administration (**OSHA**) or the Environmental Protection Agency (**EPA**) might find harmful to Postal Service employees or the environment. SchaefferSeal™ does not contain hexavalent chromium, methyl, ethyl or isopropyl alcohol, or any material considered as hazardous by the EPA and does not present a wasted disposal problem.
24. SchaefferSeal™ according to Smithers Scientific Services, reduced inner liner temperatures suggesting that the sealant acts as a heat sink, pulling heat out of the tread area.
25. 100% water soluble for easy clean out of a tire for recapping, boot or section patching if needed.
26. Indefinite shelf life, contents never separate out. SchaefferSeal™ is a homogenous mixture with the ingredients bonded together in such a manner that it is impossible for the ingredients to settle to the bottom.



Good people. Great products.

102 Barton Street  
St. Louis, MO 63104  
(800-325-9962)  
[www.schaefferoil.com](http://www.schaefferoil.com)



**EXTREME DUTY!**

# SchaefferSeal™ Tire Sealant

- Stops Flats ■ Non Corrosive ■ Extends Tire Life

**WARNING:** Carefully read WARNING on back panel.

**SEALS TREAD PUNCTURES UP TO 5/16"!** | **NET 5 Gal. (18.9 Liters)**

## WARNING:

- SAME SIZE TIRES MAY BE FOUND IN DIFFERENT SECTIONS
- BE SURE TO CHOOSE THE SECTION WITH THE PROPER HEADING, OVER THE ROAD TIRES OR OFF ROAD TIRES

### TIRE APPLICATION GUIDE

- If needed, all high speed over the road tires should be balanced before applying SchaefferSeal™!!!
- Some high speed tires may experience a slight vibration at highway speeds.
- CAUTION: DO NOT OVER APPLY SchaefferSeal™ TO HIGH SPEED TIRES. (Tires traveling at speeds above 40 mpg/65kph.)

### READ CAREFULLY BEFORE INSTALLATION

SchaefferSeal™ MUST BE ALLOWED TO THOROUGHLY COAT THE INSIDE OF THE TIRE AND RIM BEFORE COMPLETE TIRE PROTECTION IS ACHIEVED. IT IS IMPORTANT TO EITHER DRIVE THE VEHICLE OR ROTATE THE TIRE SLOWLY SEVERAL TIMES AFTER INSTALLATION..

WORKS WITH MOST LOW TIRE PRESSURE INDICATOR SENSORS

**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 SEALANTS, AS SchaefferSeal™ IS WATER SOLUBLE AND MAY BECOME INEFFECTIVE.

See MSDS for product #743 at [www.schaefferoil.com](http://www.schaefferoil.com)

Formula for tire sizes not found on this page...Tire Height x Full Tire Width ÷ 10 = Ounces per tire

*This formula not to be used for autos, light trucks or Sport U.V.s.*

## OVER THE ROAD TIRES

**Heavy Trucks, Semis, Motor Coaches and Busses**  
(Heavy duty tires 10 Ply or Heavier / 19.5 inch Rims or Larger)

<b>14 in. Rims</b>	<b>14.5 in. Rims</b>	185 / 65 - 15	19	235 / 50 - 16	24	<b>17 in. Rims</b>	<b>18 in. Rims</b>	9.00 - 20	38	425 / 65 - 22.5	76	
225 / 50 - 14	MH 7.00 - 14.5	195 / 65 - 15	19	245 / 50 - 16	24	7.00 - 17	7.00 - 18	10.00 - 20	44	445 / 65 - 22.5	81	
245 / 50 - 14	MH 8.00 - 14.5	205 / 65 - 15	22	255 / 50 - 16	27	285 / 35 - 17	8.25 - 18	11.00 - 20	48	255 / 70 - 22.5	38	
265 / 50 - 14	MH 9.00 - 14.5	215 / 65 - 15	22	265 / 50 - 16	27	315 / 35 - 17	10.00 - 18	11.50 - 20	49	275 / 70 - 22.5	42	
255 / 55 - 14		235 / 65 - 15	24	275 / 50 - 16	30	335 / 35 - 17	335 / 30 - 18	12.00 - 20	54	245 / 75 - 22.5	36	
175 / 60 - 14		255 / 65 - 15	30	295 / 50 - 16	32	245 / 40 - 17	245 / 35 - 18	13.00 - 20	60	265 / 75 - 22.5	41	
185 / 60 - 14		185 / 70 - 15	19	205 / 55 - 16	22	275 / 40 - 17	285 / 35 - 18	14.00 - 20	70	295 / 75 - 22.5	47	
195 / 60 - 14		195 / 70 - 15	19	215 / 55 - 16	22	285 / 40 - 17	225 / 40 - 18	16.00 - 20	85	305 / 75 - 22.5	50	
205 / 60 - 14		205 / 70 - 15	22	225 / 55 - 16	24	225 / 45 - 17	245 / 40 - 18	24	275 / 35 - 20	30	235 / 80 - 22.5	35
215 / 60 - 14		215 / 70 - 15	24	235 / 55 - 16	24	235 / 45 - 17	265 / 40 - 18	27	245 / 40 - 20	27	255 / 80 - 22.5	40
225 / 60 - 14		225 / 70 - 15	24	205 / 60 - 16	22	245 / 45 - 17	265 / 40 - 18	27	295 / 40 - 20	35	275 / 80 - 22.5	44
235 / 60 - 14		195 / 50 - 15	19	215 / 60 - 16	22	255 / 45 - 17	275 / 40 - 18	30	335 / 80 - 20	56	295 / 80 - 22.5	49
245 / 60 - 14		205 / 50 - 15	22	225 / 60 - 16	24	305 / 45 - 17	295 / 45 - 18	36	365 / 80 - 20	63	315 / 80 - 22.5	54
255 / 60 - 14		215 / 50 - 15	24	235 / 60 - 16	24	315 / 45 - 17	265 / 70 - 17	35	395 / 85 - 20	74	305 / 85 - 22.5	53
265 / 60 - 14		225 / 50 - 15	30	245 / 60 - 16	24	215 / 50 - 17						
275 / 60 - 14		235 / 50 - 15	32	255 / 60 - 16	27	245 / 50 - 17						
165 / 65 - 14		195 / 55 - 15	22	225 / 70 - 16	27	255 / 50 - 17						
175 / 65 - 14		205 / 55 - 15	24	235 / 70 - 16	27	225 / 55 - 17						
185 / 65 - 14		215 / 55 - 15	24	245 / 70 - 16	30	235 / 55 - 17						
195 / 65 - 14		225 / 55 - 15	27	255 / 70 - 16	30	255 / 55 - 17						
205 / 65 - 14		235 / 55 - 15	30	265 / 70 - 16	32	265 / 55 - 17						
215 / 65 - 14		245 / 55 - 15	32	275 / 70 - 16	35	275 / 60 - 17						
225 / 60 - 14		225 / 55 - 15	19	285 / 70 - 16	36	285 / 65 - 17						
235 / 60 - 14		235 / 55 - 15	22	295 / 70 - 16	37	305 / 65 - 17						
245 / 60 - 14		245 / 55 - 15	24	205 / 60 - 16	24	305 / 65 - 17						
255 / 60 - 14		255 / 55 - 15	27	215 / 60 - 16	27	305 / 65 - 17						
265 / 60 - 14		265 / 55 - 15	30	225 / 60 - 16	27	305 / 65 - 17						
275 / 60 - 14		275 / 55 - 15	32	235 / 60 - 16	27	305 / 65 - 17						
165 / 65 - 14		285 / 55 - 15	35	245 / 60 - 16	27	305 / 65 - 17						
175 / 65 - 14		295 / 55 - 15	37	255 / 60 - 16	30	305 / 65 - 17						
185 / 65 - 14		305 / 55 - 15	40	265 / 60 - 16	32	305 / 65 - 17						
195 / 65 - 14		315 / 55 - 15	43	275 / 60 - 16	35	305 / 65 - 17						
205 / 65 - 14		325 / 55 - 15	47	285 / 60 - 16	37	305 / 65 - 17						
215 / 65 - 14		335 / 55 - 15	51	295 / 60 - 16	40	305 / 65 - 17						
225 / 60 - 14		345 / 55 - 15	55	305 / 60 - 16	44	305 / 65 - 17						
235 / 60 - 14		355 / 55 - 15	60	315 / 60 - 16	48	305 / 65 - 17						
245 / 60 - 14		365 / 55 - 15	65	325 / 60 - 16	52	305 / 65 - 17						
255 / 60 - 14		375 / 55 - 15	70	335 / 60 - 16	56	305 / 65 - 17						
265 / 60 - 14		385 / 55 - 15	75	345 / 60 - 16	60	305 / 65 - 17						
275 / 60 - 14		395 / 55 - 15	80	355 / 60 - 16	65	305 / 65 - 17						
285 / 60 - 14		405 / 55 - 15	85	365 / 60 - 16	70	305 / 65 - 17						
295 / 60 - 14		415 / 55 - 15	90	375 / 60 - 16	75	305 / 65 - 17						
305 / 60 - 14		425 / 55 - 15	95	385 / 60 - 16	80	305 / 65 - 17						
315 / 60 - 14		435 / 55 - 15	100	395 / 60 - 16	85	305 / 65 - 17						
325 / 60 - 14		445 / 55 - 15	105	405 / 60 - 16	90	305 / 65 - 17						
335 / 60 - 14		455 / 55 - 15	110	415 / 60 - 16	95	305 / 65 - 17						
345 / 60 - 14		465 / 55 - 15	115	425 / 60 - 16	100	305 / 65 - 17						
355 / 60 - 14		475 / 55 - 15	120	435 / 60 - 16	105	305 / 65 - 17						
365 / 60 - 14		485 / 55 - 15	125	445 / 60 - 16	110	305 / 65 - 17						
375 / 60 - 14		495 / 55 - 15	130	455 / 60 - 16	115	305 / 65 - 17						
385 / 60 - 14		505 / 55 - 15	135	465 / 60 - 16	120	305 / 65 - 17						
395 / 60 - 14		515 / 55 - 15	140	475 / 60 - 16	125	305 / 65 - 17						
405 / 60 - 14		525 / 55 - 15	145	485 / 60 - 16	130	305 / 65 - 17						
415 / 60 - 14		535 / 55 - 15	150	495 / 60 - 16	135	305 / 65 - 17						
425 / 60 - 14		545 / 55 - 15	155	505 / 60 - 16	140	305 / 65 - 17						
435 / 60 - 14		555 / 55 - 15	160	515 / 60 - 16	145	305 / 65 - 17						
445 / 60 - 14		565 / 55 - 15	165	525 / 60 - 16	150	305 / 65 - 17						
455 / 60 - 14		575 / 55 - 15	170	535 / 60 - 16	155	305 / 65 - 17						
465 / 60 - 14		585 / 55 - 15	175	545 / 60 - 16	160	305 / 65 - 17						
475 / 60 - 14		595 / 55 - 15	180	555 / 60 - 16	165	305 / 65 - 17						
485 / 60 - 14		605 / 55 - 15	185	565 / 60 - 16	170	305 / 65 - 17						
495 / 60 - 14		615 / 55 - 15	190	575 / 60 - 16	175	305 / 65 - 17						
505 / 60 - 14		625 / 55 - 15	195	585 / 60 - 16	180	305 / 65 - 17						
515 / 60 - 14		635 / 55 - 15	200	595 / 60 - 16	185	305 / 65 - 17						
525 / 60 - 14		645 / 55 - 15	205	605 / 60 - 16	190	305 / 65 - 17						
535 / 60 - 14		655 / 55 - 15	210	615 / 60 - 16	195	305 / 65 - 17						
545 / 60 - 14		665 / 55 - 15	215	625 / 60 - 16	200	305 / 65 - 17						
555 / 60 - 14		675 / 55 - 15	220	635 / 60 - 16	205	305 / 65 - 17						
565 / 60 - 14		685 / 55 - 15	225	645 / 60 - 16	210	305 / 65 - 17						
575 / 60 - 14		695 / 55 - 15	230	655 / 60 - 16	215	305 / 65 - 17						
585 / 60 - 14		705 / 55 - 15	235	665 / 60 - 16	220	305 / 65 - 17						
595 / 60 - 14		715 / 55 - 15	240	675 / 60 - 16	225	305 / 65 - 17						
605 / 60 - 14		725 / 55 - 15	245	685 / 60 - 16	230	305 / 65 - 17						
615 / 60 - 14		735 / 55 - 15	250	695 / 60 - 16	235	305 / 65 - 17						
625 / 60 - 14		745 / 55 - 15	255	705 / 60 - 16	240	305 / 65 - 17						
635 / 60 - 14		755 / 55 - 15	260	715 / 60 - 16	245	305 / 65 - 17						
645 / 60 - 14		765 / 55 - 15	265	725 / 60 - 16	250	305 / 65 - 17						
655 / 60 - 14		775 / 55 - 15	270	735 / 60 - 16	255	305 / 65 - 17						
665 / 60 - 14		785 / 55 - 15	275	745 / 60 - 16	260	305 / 65 - 17						
675 / 60 - 14		795 / 55 - 15	280	755 / 60 - 16	265	305 / 65 - 17						
685 / 60 - 14		805 / 55 - 15	285	765 / 60 - 16	270	305 / 65 - 17						
695 / 60 - 14		815 / 55 - 15	290	775 / 60 - 16	275	305 / 65 - 17						
70												

# OVER THE ROAD TIRES - CONTINUED

## Small Trailers and Campers

<b>8in. Rims</b> 4.8-8 10 oz 5.70-8 10 166x6.50-8 11 185x8.50-8 16 185x9.50-8 18	<b>10 in. Rims</b> 6.50-10 16 oz 7.00-10 16 7.50-10 16 20.5x8.00-10 16 20.5/10-10 15	23.5x8.50-12 20 <b>13in. Rims</b> 6.00-13 15 oz 6.50-13 15 7.00-13 15	7.35-14 15 7.75-14 15 7.90-14 16 8.25-14 20 8.55-14 20 11-14 20	15 15 16 20 20 20	<b>15in. Rims</b> 6.78-15 26 oz H78-15 28 L78-15 29 6.70-15 23 6.85-15 20 7.00-15 20 7.10-15 20 7.35-15 20 7.50-15 20 7.75-15 20	8.25-15 20 8.55-15 20 8.85-15 20 9.00-15 20 10.00-15 20 11.00-15 20 12.00-15 20	20 20 20 20 20 20 20 20 20	7.00-16 20 7.50-16 20 8.00-16 20 8.25-16 25 9.00-16 25 10.00-16 25 11.00-16 25	20 20 20 25 25 25 25	9.50-16.5 25 10.00-16.5 30 12.00-16.5 35 <b>17.5 in. Rims</b> 7.00-17.5 30 oz 8.00-17.5 30 10.00-17.5 35	25 30 35 30 oz 30 35
<b>9in. Rims</b> 6.90-9 14 oz	<b>12 in. Rims</b> 4.80-12 10 oz 5.30-12 12 6.90-12 15	<b>14 in. Rims</b> E78-14 23 oz G78-14 22 6.45-14 15 7.00-14 18	<b>14.5 in. Rims</b> 7.00-14.5 20 oz 8.00-14.5 20 9.00-14.5 20	20 oz 20 20	<b>16in. Rims</b> 6.00-16 20 oz 6.50-16 20	<b>16.5 in. Rims</b> 8.00-16.5 25 oz 8.75-16.5 25	20 oz 20	25 oz 25			

## Motorcycle / Dirt Bike Tires

<b>4in. Rims</b> 3.00-4 4 oz	<b>12 in Rims</b> 2.50-12 4 oz 3.00-12 5 25x8.00-12 20 60/100-12 4 80/100-12 6 100/90-12 8 110/100-12 9 120/80-12 9 120/90-12 10 130/70-12 10	180/80-14 18 <b>15 in Rims</b> 2.50-15 5 oz 5.10-15 12 120/70-15 10 130/90-15 13 140/80-15 13 140/90-15 14 150/80-15 15 150/90-15 15 160/80-15 16 170/60-15 16 170/70-15 17 170/80-15 18 180/70-15 18	100/80-16 9 100/90-16 9 110/70-16 10 110/90-16 11 120/80-16 11 120/90-16 12 130/60-16 12 130/70-16 12 130/90-16 13 140/70-16 13 140/90-16 15 150/80-16 15 160/80-16 17 170/70-16 17 180/60-16 18 180/70-16 19 200/60-16 20	9 9 10 11 11 12 12 12 13 13 15 15 17 17 19 20	5.10-17 12 5.30-17 14 5.60-17 15 70/100-17 6 80/80-17 7 100/80-17 9 100/90-17 10 110/70-17 10 110/80-17 11 110/100-17 11 120/60-17 11 120/65-17 11 120/70-17 11 120/80-17 12 120/90-17 12 130/60-17 12 130/70-17 13 130/80-17 13 130/90-17 14 140/70-17 14 140/80-17 15 150/60-17 15 150/70-17 15 150/80-17 16	16 17 17 18 19 20	160/60-17 16 160/70-17 17 170/60-17 17 180/55-17 18 190/50-17 19 200/50-17 20	16 17 17 18 19 20	<b>18 in. Rims</b> 2.50-18 6 oz 2.75-18 6 3.00-18 7 3.25-18 8 3.50-18 8 4.00-18 10 4.10-18 10 4.25-18 11 4.35-18 11 4.50-18 11 4.60-18 12 5.10-18 13 5.30-18 14 5.60-18 15 60/100-18 8 90/90-18 9 90/100-18 9	6 oz 6 7 8 8 10 10 11 11 11 12 13 14 15 8 9 9	100/80-18 10 100/90-18 10 100/100-18 10 110/80-18 11 110/90-18 11 110/100-18 12 120/70-18 12 120/80-18 12 120/90-18 13 120/100-18 13 130/70-18 13 130/80-18 14 130/90-18 14 140/70-18 14 140/80-18 15 150/60-18 15 150/70-18 16 160/60-18 16	10 10 10 11 11 12 12 12 13 13 13 14 14 15 15 16 16	3.60-19 9 70/100-19 7 90/90-19 9 90/100-19 9 100/90-19 10 110/80-19 11 110/90-19 12 110/100-19 12 120/70-19 12 120/90-19 13 <b>20 in. Rims</b> 90/100-20 10 oz <b>21 in. Rims</b> 2.75-21 7 oz 3.00-21 8 3.25-21 9 70/100-21 7 80/80-21 8 80/100-21 9 90/80-21 10 90/90-21 10 90/100-21 10 <b>23 in. Rims</b> 3.00-23 8 oz	9 7 9 9 10 11 12 12 12 13 10 oz 7 oz 8 9 7 8 9 10 10 8 8 oz
<b>8in. Rims</b> 3.00-8 4 oz 3.5-8 4 4.00-8 6	2.50-12 4 oz 3.00-12 5 25x8.00-12 20 60/100-12 4 80/100-12 6 100/90-12 8 110/100-12 9 120/80-12 9 120/90-12 10 130/70-12 10	180/80-14 18 <b>15 in Rims</b> 2.50-15 5 oz 5.10-15 12 120/70-15 10 130/90-15 13 140/80-15 13 140/90-15 14 150/80-15 15 150/90-15 15 160/80-15 16 170/60-15 16 170/70-15 17 170/80-15 18 180/70-15 18	100/80-16 9 100/90-16 9 110/70-16 10 110/90-16 11 120/80-16 11 120/90-16 12 130/60-16 12 130/70-16 12 130/90-16 13 140/70-16 13 140/90-16 15 150/80-16 15 160/80-16 17 170/70-16 17 180/60-16 18 180/70-16 19 200/60-16 20	9 9 10 11 11 12 12 12 13 13 15 15 17 17 19 20	5.10-17 12 5.30-17 14 5.60-17 15 70/100-17 6 80/80-17 7 100/80-17 9 100/90-17 10 110/70-17 10 110/80-17 11 110/100-17 11 120/60-17 11 120/65-17 11 120/70-17 11 120/80-17 12 120/90-17 12 130/60-17 12 130/70-17 13 130/80-17 13 130/90-17 14 140/70-17 14 140/80-17 15 150/60-17 15 150/70-17 15 150/80-17 16	16 17 17 18 19 20	160/60-17 16 160/70-17 17 170/60-17 17 180/55-17 18 190/50-17 19 200/50-17 20	16 17 17 18 19 20	<b>18 in. Rims</b> 2.50-18 6 oz 2.75-18 6 3.00-18 7 3.25-18 8 3.50-18 8 4.00-18 10 4.10-18 10 4.25-18 11 4.35-18 11 4.50-18 11 4.60-18 12 5.10-18 13 5.30-18 14 5.60-18 15 60/100-18 8 90/90-18 9 90/100-18 9	6 oz 6 7 8 8 10 10 11 11 11 12 13 14 15 8 9 9	100/80-18 10 100/90-18 10 100/100-18 10 110/80-18 11 110/90-18 11 110/100-18 12 120/70-18 12 120/80-18 12 120/90-18 13 120/100-18 13 130/70-18 13 130/80-18 14 130/90-18 14 140/70-18 14 140/80-18 15 150/60-18 15 150/70-18 16 160/60-18 16	10 10 10 11 11 12 12 12 13 13 13 14 14 15 15 16 16	3.60-19 9 70/100-19 7 90/90-19 9 90/100-19 9 100/90-19 10 110/80-19 11 110/90-19 12 110/100-19 12 120/70-19 12 120/90-19 13 <b>20 in. Rims</b> 90/100-20 10 oz <b>21 in. Rims</b> 2.75-21 7 oz 3.00-21 8 3.25-21 9 70/100-21 7 80/80-21 8 80/100-21 9 90/80-21 10 90/90-21 10 90/100-21 10 <b>23 in. Rims</b> 3.00-23 8 oz	9 7 9 9 10 11 12 12 12 13 10 oz 7 oz 8 9 7 8 9 10 10 8 8 oz
<b>10in. Rims</b> 2.5-10 4 oz 2.75-10 4 3.00-10 4 3.5-10 6 4.00-10 7 6.70-10 8 19x6.00-10 11 19x7.00-10 13 24x11.00-10 26 70/100-10 4 80/90-10 5 90/90-10 6 110/90-10 8 120/90-10 9 130/90-10 10	2.50-12 4 oz 3.00-12 5 25x8.00-12 20 60/100-12 4 80/100-12 6 100/90-12 8 110/100-12 9 120/80-12 9 120/90-12 10 130/70-12 10	180/80-14 18 <b>15 in Rims</b> 2.50-15 5 oz 5.10-15 12 120/70-15 10 130/90-15 13 140/80-15 13 140/90-15 14 150/80-15 15 150/90-15 15 160/80-15 16 170/60-15 16 170/70-15 17 170/80-15 18 180/70-15 18	100/80-16 9 100/90-16 9 110/70-16 10 110/90-16 11 120/80-16 11 120/90-16 12 130/60-16 12 130/70-16 12 130/90-16 13 140/70-16 13 140/90-16 15 150/80-16 15 160/80-16 17 170/70-16 17 180/60-16 18 180/70-16 19 200/60-16 20	9 9 10 11 11 12 12 12 13 13 15 15 17 17 19 20	5.10-17 12 5.30-17 14 5.60-17 15 70/100-17 6 80/80-17 7 100/80-17 9 100/90-17 10 110/70-17 10 110/80-17 11 110/100-17 11 120/60-17 11 120/65-17 11 120/70-17 11 120/80-17 12 120/90-17 12 130/60-17 12 130/70-17 13 130/80-17 13 130/90-17 14 140/70-17 14 140/80-17 15 150/60-17 15 150/70-17 15 150/80-17 16	16 17 17 18 19 20	160/60-17 16 160/70-17 17 170/60-17 17 180/55-17 18 190/50-17 19 200/50-17 20	16 17 17 18 19 20	<b>18 in. Rims</b> 2.50-18 6 oz 2.75-18 6 3.00-18 7 3.25-18 8 3.50-18 8 4.00-18 10 4.10-18 10 4.25-18 11 4.35-18 11 4.50-18 11 4.60-18 12 5.10-18 13 5.30-18 14 5.60-18 15 60/100-18 8 90/90-18 9 90/100-18 9	6 oz 6 7 8 8 10 10 11 11 11 12 13 14 15 8 9 9	100/80-18 10 100/90-18 10 100/100-18 10 110/80-18 11 110/90-18 11 110/100-18 12 120/70-18 12 120/80-18 12 120/90-18 13 120/100-18 13 130/70-18 13 130/80-18 14 130/90-18 14 140/70-18 14 140/80-18 15 150/60-18 15 150/70-18 16 160/60-18 16	10 10 10 11 11 12 12 12 13 13 13 14 14 15 15 16 16	3.60-19 9 70/100-19 7 90/90-19 9 90/100-19 9 100/90-19 10 110/80-19 11 110/90-19 12 110/100-19 12 120/70-19 12 120/90-19 13 <b>20 in. Rims</b> 90/100-20 10 oz <b>21 in. Rims</b> 2.75-21 7 oz 3.00-21 8 3.25-21 9 70/100-21 7 80/80-21 8 80/100-21 9 90/80-21 10 90/90-21 10 90/100-21 10 <b>23 in. Rims</b> 3.00-23 8 oz	9 7 9 9 10 11 12 12 12 13 10 oz 7 oz 8 9 7 8 9 10 10 8 8 oz

## Light Duty Tires (Autos, Light Trucks and Sport U.V.s)

This sealant should only be used as a temporary emergency fix for Light Duty High Speed Tires.

Vibration may occur at speeds over 40 mph. This water soluble sealant may be easily cleaned out, and the tire can still be plugged or patched.

15 Inch Rims or Smaller - 16 ounces

Larger than 15 Inch Rims - 24 ounces

## ATV TIRES - Over 40 MPH

Formula for tire sizes not found in this section: **Over 40 Miles per Hour** - Tire Height x Full Tire Width ÷ (divided by) 10 = Ounces per tire  
**Under 40 Miles per Hour** - Tire Height x Full Tire Width ÷ (divided by) 5 = Ounces per tire.

<b>6 in. Rims</b> 145/70-6 8 oz	20x9.00-8 18 20x10.00-8 20 20x11.00-8 22 20x12.00-8 24	20x12.00-9 24 21x7.00-9 15 21x8.00-9 17 21x12.50-9 27	20x10.00-10 20 20x11.00-10 22 20x12.00-10 24 21x7.00-10 15	20 22 24 15	23x11.00-10 25 24x8.00-10 19 24x10.50-10 25 24x11.00-10 27	25 19 25 27	23x9.00-11 21 23.5x8.00-11 19 24x8.00-11 19 24x9.00-11 22	21 19 19 22	25x8.00-12 20 25x9.50-12 24 25x10.00-12 25 25x11.00-12 28	20 24 25 28	28x12.00-12 34 205/80-12 21 270/60-12 27 <b>15.5 in. Rims</b> 27x9.00-15.5 25 oz (LSW 238-394) 27x10.00-15.5 27 (LSW 255-394)	34 21 27 25 oz 27
<b>7 in. Rims</b> 16x8.00-7 13 oz 18x7.00-7 13	20x9.00-8 18 20x10.00-8 20 20x11.00-8 22 20x12.00-8 24	21x8.00-9 17 21x12.50-9 27 22x8.00-9 18 22x10.00-9 22 22x11.00-9 24 22x12.00-9 27	21x8.00-10 17 21x9.00-10 19 21x10.00-10 21 21x11.00-10 23	17 19 22 24	24x11.50-10 28 24x12.00-10 29 25x9.50-10 24 25x10.00-10 25	28 29 24 25	24x9.50-11 22 24x10.00-11 24 25x8.00-11 20 25x9.50-11 24	22 24 20 24	26x8.00-12 23 26x9.00-12 26 26x10.00-12 26 26x10.50-12 27	31 24 26 27		
<b>8 in. Rims</b> 16x6.00-8 10 oz 18x9.00-8 16 18x9.50-8 17 18x10.00-8 18 18x10.50-8 19 18x11.00-8 20 18x19.50-8 35 19x7.00-8 13 19x8.00-8 15 19x9.50-8 18 20x7.00-8 14	21x9.00-8 19 21x10.00-8 21 21x11.00-8 23 21x12.00-8 25 21x12.50-8 27 22x10.00-8 22 22x11.00-8 24 22x11.50-8 24 22x12.00-8 27 22x12.50-8 28 22.5x10.00-8 23	22x12.50-9 28 24x11.00-9 27 25x12.00-9 30 25x12.50-9 31 25x13.00-9 33 25x13.50-9 34	21x12.50-10 27 22x7.00-10 16 22x8.00-10 18 22x10.00-10 22 22x11.00-10 24 22x12.00-10 27 22x12.50-10 28 23x7.00-10 16 23x8.00-10 19 23x10.00-10 23	28 27 30 31 33 34	25x11.00-10 27 25x12.00-10 30 25x12.50-10 31 25x13.50-10 34 26x12.00-10 31 27x12.00-10 32	27 28 31 34 31 32	26x12.00-11 29 26x12.50-11 32 26x12.00-11 29 27x8.00-12 31 27x9.00-12 24 27x10.00-12 27 27x11.00-12 30 27x12.00-12 32	29 32 29 31 24 27 30 32	28x8.00-12 22 28x9.00-12 25 28x10.00-12 28 28x11.00-12 31	22 25 28 31		
<b>9 in. Rims</b> 18x10.50-9 19 oz 20x10.00-9 20 20x11.00-9 22	22x12.50-9 28 24x11.00-9 27 25x12.00-9 30 25x12.50-9 31 25x13.00-9 33 25x13.50-9 34	22x12.50-9 28 24x11.00-9 27 25x12.00-9 30 25x12.50-9 31 25x13.00-9 33 25x13.50-9 34	22x12.50-10 28 23x7.00-10 16 23x8.00-10 19 23x10.00-10 23	28 16 19 23	23x7.00-11 15 oz 22x10.00-11 22 23x8.00-11 19	15 oz 22 19	23x8.00-12 18 oz 23x10.00-12 23 24x8.00-12 19 24x9.00-12 22 24x11.00-12 26 24x11.50-12 28	18 oz 23 19 22 26 28				



For questions or comments:  
 1.800.325.9962  
**Schaeffer Manufacturing Company**  
 102 Barton Street, St. Louis, MO  
 63104  
[www.schaefferoil.com](http://www.schaefferoil.com)

# OFF ROAD TIRES

Formula for tire sizes not found in this section... Tire Height x Full Tire Width ÷ (divided by) 5 = Ounces per tire

<b>4 in. Rims</b>	21 x 8.00 - 9	34	27 x 10.00 - 12	54	7.00 - 16	48	<b>20 in. Rims</b>	18.40 - 24	220	875 / 65 - 29	522	<b>39 in. Rims</b>	33.50 - 39	750 oz.
2.50 - 4	21 x 9.00 - 9	38	145 / 80 - 12	25	7.20 - 16	50	7.00 - 20	19.40 - 24	228	<b>30 in. Rims</b>	4.00 - 30	30 oz.	37.50 - 39	790
2.80 - 4	22 x 7.00 - 9	31	155 / 80 - 12	27	7.50 - 16	56	7.50 - 20	19.50L - 24	230	6.00 - 30	50	38.00 - 39	785	
4.10 - 4	22 x 10.00 - 9	44	<b>14 in. Rims</b>		8.00 - 16	62	8.00 - 20	21.00L - 24	250	7.20 - 30	60	40 / 65 - 39	728	
9 x 3.50 - 4	22 x 11.00 - 9	48	4.00 - 14	25 oz.	8.25 - 16	64	8.25 - 20	21.00L - 24	260	9.50 - 30	100	40.50 / 75 - 39	808	
11 x 4.00 - 4	22 x 12.00 - 9	53	6.00 - 14	36	8.30 - 16	64	9.00 - 20	48 x 20.00 - 24	192	14.90 - 30	186	41.25 / 70 - 39	800	
<b>5 in. Rims</b>	24 x 13.00 - 9	62	7.00 - 14	40	9.00 - 16	70	9.50 - 20	320 / 75 - 24	111	16.90 - 30	224	43.50 - 39	880	
3.40 - 5	25 x 11.00 - 9	55	7.50 - 14	45	9.50 - 16	74	10.00 - 20	420 / 70 - 24	160	17.00 - 30	230	45 / 65 - 39	878	
4.10 - 5	25 x 12.00 - 9	60	8.00 - 14	48	10.00 - 16	78	10.30 - 20	540 / 65 - 24	225	18.00 - 30	240	<b>42 in. Rims</b>	9.50 - 42	170 oz.
4.10 / 3.50 - 5	25 x 13.00 - 9	65	8.50 - 14	50	11.00 - 16	90	10.50 - 20	11.00 - 24.5	130 oz.	18.40 - 30	250	12.40 - 42	174	
10 x 4.50 - 5	<b>10 in Rims</b>		9.00 - 14	55	11.20 - 16	90	11.00 - 20	12.00 - 24.5	140	21.00 - 30	270	18.40 - 42	300	
10.5 x 5.00 - 5	3.00 - 10	16 oz.	9.50 - 14	60	11.50 - 16	96	11.20 - 20	13.50 - 24.5	144	23.10 - 30	346	18.90 - 42	310	
11 x 3.50 - 5	3.50 - 10	18	9.5L - 14	64	11.50 - 16	96	11.50 - 20	67 x 34.00 - 30		360 / 85 - 30	170	20.80 - 42	330	
11 x 4.00 - 5	4.50 - 10	20	11.00 - 14	65	12.50 - 16	98	12.50 - 20	380 / 85 - 30	202	420 / 90 - 30	202	480 / 80 - 42	279	
11 x 4.50 - 5	6.50 - 10	35	11L - 14	74	12.5L - 16	98	12.50 - 20	480 / 70 - 30	218	520 / 85 - 42	322	580 / 70 - 42	346	
11 x 6.00 - 5	7.00 - 10	35	13.00 - 14	80	13.60 - 16	102	13.00 - 20	540 / 65 - 30	251	620 / 70 - 42	381	620 / 70 - 42	381	
11 x 7.00 - 5	7.50 - 10	38	23 x 8.50 - 14	39	18.4 - 16	180	16.00 - 20	11.00 - 25	130	650 / 75 - 32	369	650 / 65 - 42	394	
11 x 7.50 - 5	9.00 - 10	44	25 x 8.50 - 14	43	33 x 9.50 - 16	63	18.00 - 20	12.00 - 25	138	710 / 70 - 42	464	900 / 50 - 42	562	
13 x 5.00 - 5	15L - 10	60	78 - 14	36	215 / 85 - 16	53	24.00 - 20	13.00 - 25	146	98 oz.	104	<b>43 in. Rims</b>	24.00 - 43	500 oz.
<b>6 in. Rims</b>	18 x 9.50 - 10	34	<b>15 in. Rims</b>		225 / 75 - 16	53	38 x 14.00 - 20	15.00 - 25	156	16.00 - 25	170	24.00 - 43	500 oz.	
4.00 - 6	18 x 9.80 - 10	35	4.00 - 15	26 oz.	235 / 85 - 16	56	38 x 18.00 - 20	15.50 - 25	165	17.50 - 25	215	<b>45 in. Rims</b>	45 / 65 - 45	932 oz.
4.10 - 6	18 x 10.00 - 10	36	5.00 - 15	30	245 / 75 - 16	60	41 x 14.00 - 20	16.00 - 25	170	18.00 - 25	215	62 / 45 - 45	1346	
4.10 / 3.50 - 6	18 x 10.50 - 10	38	5.50 - 15	32	255 / 85 - 16	68	42 x 25.00 - 20	20.50 - 25	260	20.50 - 25	260	<b>43 in. Rims</b>	24.00 - 43	500 oz.
5.30 - 6	20 x 7.50 - 10	30	5.70 - 15	34	265 / 75 - 16	68	44 x 18.00 - 20	21.00 - 25	270	21.00 - 25	270	<b>45 in. Rims</b>	45 / 65 - 45	932 oz.
6.90 / 6.00 - 6	20 x 8.00 - 10	32	5.90 - 15	36	<b>16.1 in. Rims</b>		44 x 41.00 - 20	22.00 - 25	276	22.00 - 25	276	62 / 45 - 45	1346	
8.00 - 6	20 x 10.00 - 10	40	6.00 - 15	38	13.50 - 16.1	128 oz.	47 x 25.00 - 20	22 / 65 - 25	236	22 / 65 - 25	236	<b>46 in. Rims</b>	13.60 - 46	210 oz.
12 x 6.00 - 6	20 x 11.00 - 10	44	6.40 - 15	40	14L - 16.1	130	48 x 25.00 - 20	23 / 80 - 25	284	23 / 80 - 25	284	13.60 - 46	210 oz.	
12 x 8.00 - 6	20 x 12.00 - 10	48	6.70 - 15	42	14.5 / 75 - 16.1	110	48 x 26.50 - 20	23 / 90 - 25	305	23 / 90 - 25	305	14.90 - 46	236	
12 x 11.00 - 6	20 x 14.00 - 10	56	7.00L - 15	52	16.5L - 16.1	160	48 x 31.00 - 20	23.50 - 25	312	24.00 - 25	370	18.40 - 46	312	
13 x 5.00 - 6	20.50 - 10	35	7.50 - 15	52	18.4 - 16.1	186	50 x 20.00 - 20	25 / 55 - 25	263	25 / 55 - 25	263	230 / 95 - 46	117	
13 x 6.00 - 6	20.5 x 7.00 - 10	29	7.5L - 15	54	19L - 16.1	186	<b>21 in. Rims</b>	26.50 - 25	380	26.50 - 25	380	320 / 90 - 46	177	
13 x 6.50 - 6	20.5 x 8.00 - 10	33	7.60 - 15	54	21.5L - 16.1	220	27.25 - 21	29.50 - 25	447	29.50 - 25	447	340 / 85 - 46	188	
14 x 4.50 - 6	21 x 7.00 - 10	29	8.15 - 15	56	35 x 19.00 - 16.1	133	<b>22 in. Rims</b>	30 / 65 - 25	384	30 / 65 - 25	384	380 / 90 - 46	223	
14 x 6.00 - 6	21 x 8.00 - 10	34	8.25 - 15	56	38 x 20.00 - 16.1	152	7.50 - 22	33.25 - 25	460	33.25 - 25	460	420 / 80 - 46	245	
14 x 8.00 - 6	21 x 9.00 - 10	38	8.50 / 90 - 15	62	42 x 16.53 - 16.1	139	8.50 - 22	54 x 37.00 - 25	400	54 x 37.00 - 25	400	480 / 80 - 46	295	
15 x 6.00 - 6	21 x 12.50 - 10	53	9.00 - 15	62	45 x 18.42 - 16.1	166	10.00 - 22	61 x 18.00 - 25	220	61 x 18.00 - 25	220	520 / 85 - 46	338	
16.00 x 4.50 - 6	22 x 7.00 - 10	31	9.50 - 15	66	45 x 21.5L - 16.1	194	11.00 - 22	66 x 43.00 - 25	568	66 x 43.00 - 25	568	620 / 70 - 46	400	
145 / 70 - 6	22 x 8.00 - 10	35	9.5L - 15	66	<b>16.5 in. Rims</b>		12.00 - 22	66 x 44.00 - 25	580	66 x 44.00 - 25	580	<b>48 in. Rims</b>	230 / 95 - 48	120 oz.
<b>7 in. Rims</b>	22 x 9.00 - 10	40	9.70 - 15	68	10.00 - 15	78	<b>22.5 in. Rims</b>	67 x 34.00 - 25	456	67 x 34.00 - 25	456	230 / 95 - 48	120 oz.	
4.50 - 7	22 x 10.00 - 10	44	10.00 - 15	76	11.00 - 15	78	8.00 - 22.5	385 / 95 - 25	167	385 / 95 - 25	167	<b>43 in. Rims</b>	18.00 - 49	360 oz.
4.80 - 7	22 x 11.00 - 10	48	11.00 - 15	78	12.00 - 15	86	9.00 - 22.5	445 / 80 - 25	190	445 / 80 - 25	190	21.00 - 49	440	
<b>8 in. Rims</b>	23 x 7.00 - 10	32	11L - 15	78	30.5 x 12.50 - 16.5	76	10.00 - 22.5	525 / 80 - 25	209	525 / 80 - 25	209	24.00 - 49	580	
ALL GOLF CARS 20 oz.	23 x 8.00 - 10	37	12.2L - 15	80	31 x 11.50 - 16.5	71	11.00 - 22.5	555 / 65 - 25	239	555 / 65 - 25	239	27.00 - 49	612	
4.00 - 8	23 x 9.00 - 10	41	12.5L - 15	80	33 x 12.50 - 16.5	83	11.50 - 22.5	605 / 80 - 25	308	605 / 80 - 25	308	<b>50 in. Rims</b>	250 / 95 - 50	138 oz.
4.30 - 8	23 x 10.00 - 10	46	13.50 - 15	90	33 x 14.50 - 16.5	96	12.00 - 22.5	660 / 34 - 25	227	660 / 34 - 25	227	320 / 90 - 50	187	
4.80 - 8	24 x 11.00 - 10	53	14.50L - 15	100	35 x 14.50 - 16.5	101	12.50 - 22.5	67 x 34.00 - 25	456	67 x 34.00 - 25	456	360 / 90 - 50	235	
5.00 - 8	25 x 8.00 - 10	40	18.25 - 15	120	36.5 x 12.50 - 16.5	91	13.00 - 22.5	385 / 95 - 25	167	385 / 95 - 25	167	480 / 80 - 50	310	
5.70 - 8	25 x 11.00 - 10	55	25 x 7.50 - 15	38	14L - 16.7	120 oz.	15.00 - 22.5	445 / 80 - 25	190	445 / 80 - 25	190	<b>51 in. Rims</b>	24.00 - 51	640 oz.
6.00 - 8	25 x 12.00 - 10	60	25 x 9.00 - 15	45	<b>17 in. Rims</b>		15.50 - 22.5	445 / 95 - 25	209	445 / 95 - 25	209	27.00 - 51	650	
11 x 4.00 - 8	27 x 9.00 - 10	49	25 x 10.50 - 15	53	7.00 - 17	42 oz.	16.00 - 22.5	525 / 80 - 25	246	525 / 80 - 25	246	30.00 - 51	746	
16 x 5.00 - 8	27 x 15.00 - 10	81	25 x 12.50 - 15	63	7.50 - 17	46	16.50 - 22.5	555 / 65 - 25	239	555 / 65 - 25	239	33.00 - 51	854	
16 x 5.50 - 8	<b>10.5 in. Rims</b>		25 x 15.00 - 15	63	8.25 - 17	48	16.50 - 22.5	605 / 80 - 25	308	605 / 80 - 25	308	36.00 - 51	1120	
16 x 6.50 - 8	23 x 10.5 - 10	46	27 x 7.50 - 15	41	<b>17 in. Rims</b>		17.00 - 22.5	660 / 34 - 25	227	660 / 34 - 25	227	37.00 - 51	1210	
16 x 7.50 - 8	23 x 11.00 - 10	53	27 x 8.50 - 15	46	7.00 - 17	42 oz.	17.50 - 22.5	670 / 34 - 25	232	670 / 34 - 25	232	37.50 - 51	1254	
16.5 x 6.50 - 8	23 x 12.00 - 10	57	27 x 9.50 - 15	51	7.50 - 17	46	18.00 - 22.5	680 / 34 - 25	232	680 / 34 - 25	232	49 / 75 - 51	1220	
18 x 6.00 - 8	23 x 13.00 - 10	63	27 x 10.50 - 15	57	8.25 - 17	48	18.50 - 22.5	690 / 34 - 25	232	690 / 34 - 25	232	50 / 65 - 51	1160	
18 x 6.50 - 8	23 x 14.00 - 10	69	28 x 9.00 - 15	50	<b>17.5 in. Rims</b>		19.00 - 22.5	710 / 34 - 25	232	710 / 34 - 25	232	<b>52 in. Rims</b>	37.50 - 52	1,100 oz.
18 x 6.60 - 8	23 x 15.00 - 10	75	28 x 10.00 - 15	55	7.00 - 17.5	42 oz.	19.50 - 22.5	720 / 34 - 25	232	720 / 34 - 25	232	<b>54 in. Rims</b>	37.50 - 54	197 oz.
18 x 7.00 - 8	24 x 8 - 11	43	28 x 12.00 - 15	67	8.00 - 17.5	46	20.00 - 22.5	730 / 34 - 25	232	730 / 34 - 25	232	<b>56.5 in. Rims</b>	27.00 - 56.5	600 oz.
18 x 7.50 - 8	24 x 9 - 11	43	28 x 13.00 - 15	73	10.00 - 17.5	50	20.50 - 22.5	740 / 34 - 25	232	740 / 34 - 25	232	30.00 - 56.5	720	
18 x 8.50 - 8	24 x 9.50 - 10	48	29 x 8.00 - 15	46	14.00 - 17.5	70	21.00 - 22.5	750 / 34 - 25	232	750 / 34 - 25	232	<b>57 in. Rims</b>	37.00 - 57	1,144 oz.
18 x 9.00 - 8	24 x 10 - 11	48	29 x 9.50 - 15	55	10.00 - 17.5	70	21.50 - 22.5	760 / 34 - 25	232	760 / 34 - 25	232	40.00 - 57	1,242	
18 x 9.50 - 8	25 x 8 - 11	40	29 x 10.00 - 15	58	12.50 - 17.5	72	22.00 - 22.5	770 / 34 - 25	232	770 / 34 - 25	232	44.00 - 57	1,322	
18 x 10.00 - 8	25 x 9 - 11	43	29											