

Air-Seal Nigeria Vehicle & Tyre Application Guide

Search-friendly conversion of the Air-Seal metric application chart into common Nigerian vehicle, tyre and equipment categories. Always verify the tyre sidewall before applying sealant.

Passenger car

Vehicle / equipment	Common tyre size	On-road	Off-road	Basis / note
Toyota Corolla 2003-2008	195/65R15	0.47 L	~1.77 L	Mapped: closest 205/75R15 / 6.00-15 family
Toyota Corolla 2009-2013	195/65R15	0.47 L	~1.77 L	Mapped: closest 205/75R15 / 6.00-15 family
Toyota Corolla 2014-2019	205/55R16	0.47 L	~2.13 L	Mapped: closest 225/75R16 in 16-in rim group
Toyota Camry 2002-2006 Big Daddy	205/65R15	0.59 L	~1.77 L	Mapped: closest 205/75R15
Toyota Camry 2007-2011 Muscle	215/60R16	0.47 L	~2.13 L	Mapped: closest 225/75R16
Toyota Camry 2012-2017	215/55R17	0.59 L	~2.13 L	Mapped: closest 8.25-17/225 family
Toyota Camry 2018-2024	235/45R18	0.71 L	~2.72 L	Mapped: closest 10.00-18
Honda Accord 2003-2007 End of Discussion	205/65R15	0.59 L	~1.77 L	Mapped: closest 205/75R15
Honda Accord 2008-2012 Evil Spirit	225/50R17	0.59 L	~2.37 L	Mapped: closest 225/70R17.5/8.25-17
Honda Accord 2013-2017	235/45R18	0.71 L	~2.72 L	Mapped: closest 10.00-18
Honda Civic 2006-2011	205/55R16	0.47 L	~2.13 L	Mapped: closest 225/75R16
Hyundai Elantra 2011-2016	205/55R16	0.47 L	~2.13 L	Mapped: closest 225/75R16
Kia Rio	185/65R15	0.47 L	~1.54 L	Mapped: closest 175/85R15
Kia Cerato	205/55R16	0.47 L	~2.13 L	Mapped: closest 225/75R16
Nissan Altima 2007-2012	215/60R16	0.47 L	~2.13 L	Mapped: closest 225/75R16
Mercedes-Benz C-Class W204	225/45R17	0.59 L	~2.37 L	Mapped: closest 225/75R17.5
Mercedes-Benz E-Class W212	245/45R17	0.71 L	~2.48 L	Mapped: closest 255/70R17.5
BMW 3 Series E90/F30	225/45R17	0.59 L	~2.37 L	Mapped: closest 225/75R17.5

SUV

Vehicle / equipment	Common tyre size	On-road	Off-road	Basis / note
Toyota RAV4 2006-2012	225/65R17	0.59 L	~2.37 L	Mapped: closest 225/75R17.5
Toyota RAV4 2013-2018	225/65R17	0.59 L	~2.37 L	Mapped: closest 225/75R17.5
Toyota Highlander 2008-2013	245/65R17	0.71 L	~2.48 L	Mapped: closest 255/70R17.5
Toyota Highlander 2014-2019	245/60R18	0.83 L	~2.84 L	Mapped: closest 10.50/80R18
Toyota Prado 120	265/65R17	0.83 L	~2.60 L	Mapped: closest 255/70R17.5/265 family
Toyota Prado 150	265/65R17	0.83 L	~2.60 L	Mapped: closest 255/70R17.5/265 family
Toyota Land Cruiser 100	275/70R16	0.71 L	~2.60 L	Mapped: closest 280/70R16
Toyota Land Cruiser 200	285/60R18	0.95 L	~3.19 L	Mapped: closest 12.00/12.50R18
Lexus RX330/RX350 2004-2009	235/55R18	0.71 L	~2.72 L	Mapped: closest 10.00-18
Lexus RX350 2010-2015	235/55R19	0.83 L	~2.84 L	Mapped: closest 245/70R19.5
Lexus GX470/GX460	265/65R17	0.83 L	~2.60 L	Mapped: closest 255/70R17.5/265 family
Lexus LX570	285/60R18	0.95 L	~3.19 L	Mapped: closest 12.00/12.50R18
Nissan Pathfinder	265/65R17	0.83 L	~2.60 L	Mapped: closest 255/70R17.5/265 family
Mitsubishi Pajero	265/65R17	0.83 L	~2.60 L	Mapped: closest 255/70R17.5/265 family
Ford Explorer	245/60R18	0.83 L	~2.84 L	Mapped: closest 10.50/80R18
Range Rover Sport	275/45R20	1.42 L	~3.67 L	Mapped: closest 275/70R22.5 / 20-in group
Toyota Fortuner	265/65R17	0.83 L	~2.60 L	Mapped: closest 255/70R17.5/265 family

SUV/utility

Vehicle / equipment	Common tyre size	On-road	Off-road	Basis / note
Toyota Land Cruiser 70/76	265/75R16	0.47 L	2.48 L	Direct: 265/75-16 in source chart

Pickup

Vehicle / equipment	Common tyre size	On-road	Off-road	Basis / note
Toyota Hilux 2005-2015	265/65R17	0.83 L	~2.60 L	Mapped: closest 255/70R17.5/265 family
Toyota Hilux 2016-2024	265/65R17	0.83 L	~2.60 L	Mapped: closest 255/70R17.5/265 family

Vehicle / equipment	Common tyre size	On-road	Off-road	Basis / note
Toyota Hilux off-road fitment	265/70R17	0.83 L	~2.60 L	Mapped: closest 255/70R17.5/265 family
Ford Ranger	265/65R17	0.83 L	~2.60 L	Mapped: closest 255/70R17.5/265 family
Nissan Navara	255/70R16	0.47 L	~2.37 L	Mapped: closest 255/85R16
Isuzu D-Max	255/65R17	0.83 L	~2.48 L	Mapped: closest 255/70R17.5
Mitsubishi L200	245/70R16	0.47 L	~2.25 L	Mapped: closest 245/75R16

Light commercial

Vehicle / equipment	Common tyre size	On-road	Off-road	Basis / note
Toyota Hiace Hummer Bus	195R15C	0.47 L	~1.77 L	Mapped: closest 205/75R15
Toyota Hiace 2005-2018	215/70R15C	0.59 L	~1.89 L	Mapped: closest 215/75R15
Toyota Hiace 2019-2024	235/65R16C	0.47 L	~2.25 L	Mapped: closest 235/85R16

Bus

Vehicle / equipment	Common tyre size	On-road	Off-road	Basis / note
Toyota Coaster	7.50R16	0.59 L	1.89 L	Direct: 7.50/8.00-16 group

Truck

Vehicle / equipment	Common tyre size	On-road	Off-road	Basis / note
Mitsubishi Canter	7.50R16	0.59 L	1.89 L	Direct: 7.50/8.00-16 group
Isuzu NPR	7.50R16	0.59 L	1.89 L	Direct: 7.50/8.00-16 group

Van

Vehicle / equipment	Common tyre size	On-road	Off-road	Basis / note
Mercedes-Benz Sprinter	225/75R16C	0.47 L	2.13 L	Direct: 225/75-16 in source chart
Peugeot Boxer	215/75R16C	0.47 L	2.01 L	Direct: 215/85-16 close/direct family

Heavy truck

Vehicle / equipment	Common tyre size	On-road	Off-road	Basis / note
Howo/Sinotruk tipper	12.00R20	1.42 L	3.55 L	Direct: 12.00-20 in source chart
Howo/Sinotruk tractor head	315/80R22.5	1.54 L	4.14 L	Direct: 315/80-22.5 in source chart
DAF XF tractor head	315/80R22.5	1.54 L	4.14 L	Direct: 315/80-22.5 in source chart
MAN diesel truck	315/80R22.5	1.54 L	4.14 L	Direct: 315/80-22.5 in source chart
Mercedes Actros	315/80R22.5	1.54 L	4.14 L	Direct: 315/80-22.5 in source chart
Scania truck	315/80R22.5	1.54 L	4.14 L	Direct: 315/80-22.5 in source chart
Trailer / semi-trailer common axle	385/65R22.5	1.66 L	5.09 L	Direct: 385/65-22.5 in source chart
Fuel tanker steer/drive axle	315/80R22.5	1.54 L	4.14 L	Direct: 315/80-22.5 in source chart
Low-bed trailer	385/65R22.5	1.66 L	5.09 L	Direct: 385/65-22.5 in source chart

Agricultural tractor

Vehicle / equipment	Common tyre size	On-road	Off-road	Basis / note
Massey Ferguson 375 front	7.50-16	0.59 L	1.89 L	Direct: 7.50/8.00-16 group
Massey Ferguson 375 rear	18.4-30	N/A	8.16 L	Direct: 18.40-30 in source chart
Massey Ferguson 385 rear	18.4-34	N/A	9.23 L	Direct: 18.40-34 in source chart
New Holland tractor front	12.4-24	N/A	4.38 L	Direct: 12.40-24 in source chart
New Holland tractor rear	18.4-34	N/A	9.23 L	Direct: 18.40-34 in source chart
John Deere tractor rear	20.8-38	N/A	11.71 L	Direct: 20.80-38 in source chart

Construction equipment

Vehicle / equipment	Common tyre size	On-road	Off-road	Basis / note
JCB Backhoe Loader front	12.5/80-18	N/A	3.31 L	Direct: 12.5/80-18 in source chart
JCB Backhoe Loader rear	18.4-26	N/A	7.10 L	Direct: 18.40-26 in source chart
Caterpillar wheel loader	17.5-25	N/A	6.51 L	Direct: 17.50-25 in source chart
Caterpillar grader	14.00-24	N/A	4.97 L	Direct: 14.00-24 in source chart

Vehicle / equipment	Common tyre size	On-road	Off-road	Basis / note
Komatsu excavator wheeled	10.00-20	1.42 L	2.96 L	Direct: 10.00-20 in source chart

Forklift

Vehicle / equipment	Common tyre size	On-road	Off-road	Basis / note
Toyota forklift small	6.00-9	N/A	0.83 L	Direct: 6.00-9 in source chart
Toyota forklift medium	7.00-12	N/A	1.30 L	Direct: 7.00-12 in source chart
Hyster/Yale forklift	8.25-15	0.59 L	1.89 L	Direct: 8.25-15 in source chart
TCM forklift	6.50-10	N/A	0.95 L	Direct: 6.50-10 in source chart

Dealer and workshop guidance

For passenger cars and SUVs, the practical Nigerian workflow is: ask for the vehicle, confirm the sidewall tyre size, then apply the on-road quantity. For pickups, construction, agricultural and industrial use, use the off-road quantity where the vehicle operates mainly on rough terrain, sites, farms, mines or unpaved roads.

Rows marked as direct are present in the Air-Seal chart. Rows marked as mapped use the closest rim and section-width family from the chart because many low-profile passenger sizes common in Nigeria are not listed directly in the source chart.