



INFINITE FORWARD PLEASURE

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AUFINE TRUCK TYRES

SMART SERIES



PATTERN SELECTION GUIDE



Steer / All position



Trailer



Steer / All position



Drive



Trailer



Steer / All position



Drive



Drive



Steer / All position



Drive





4BS

FOUR BELTS STRUCTURE

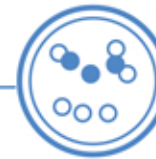
- Enhanced even wear
- Longer mileage
- Better handling and more comfortable



WTW

WIDER TREAD WIDTH

- Increased tire contact area
- Optimized pressure distribution
- Higher mileage
- Better handling
- Even wear



DLTC

DUAL LAYER TREAD COMPOUND

- High silica formulation compound
- Premium quality rubber from Malaysia and Thailand
- Carbon black from CABOT
- High mileage
- Low heat generation for better rolling resistance and integrity
- Better resistance at low temperature
- Even wear



FRC

FULLY RUBBERIZED CORD FOR BELT

- Oxidation prevention
- Long casing life



BWC

BEAD WRAPPED CHAFER

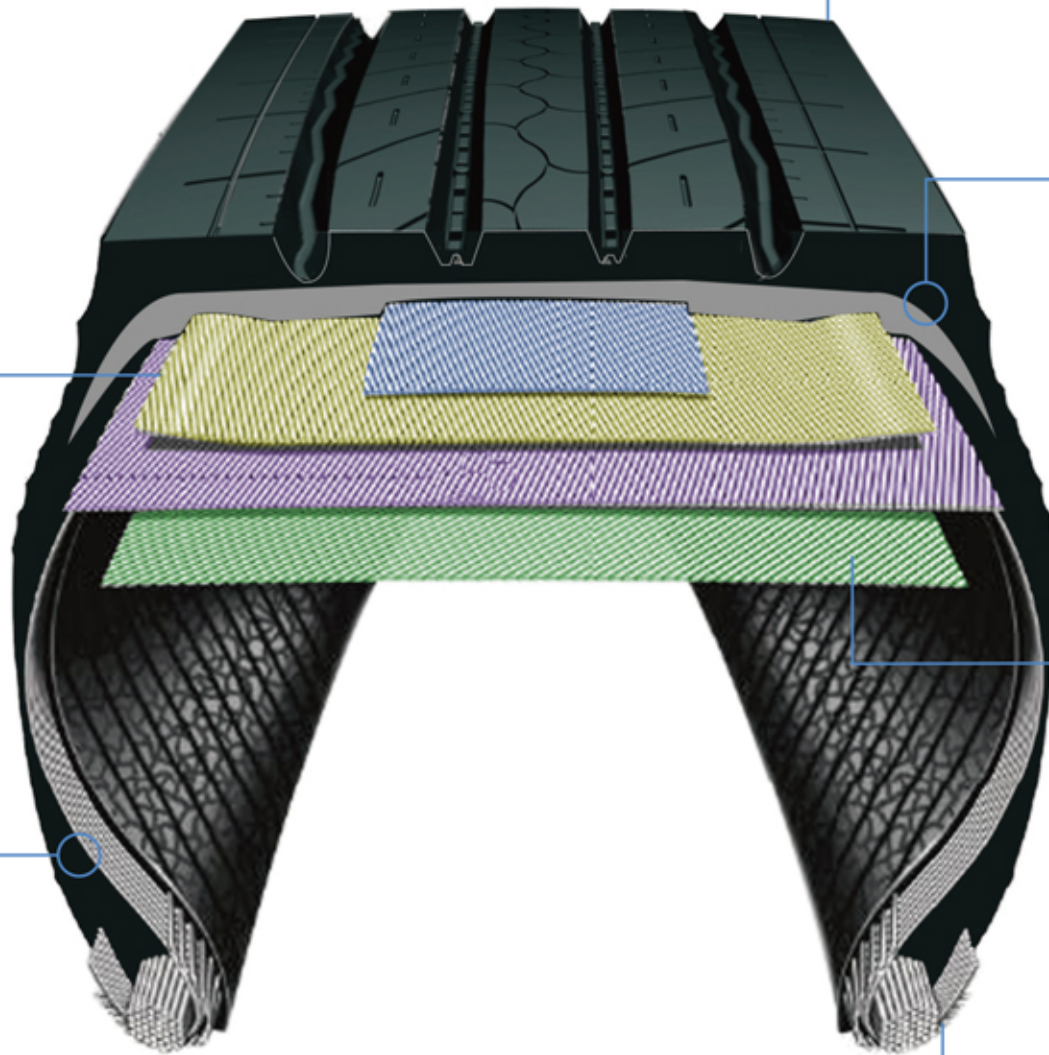
- Greater resistance
- Better retreadability



UT

ULTRA-STRENGTH STEEL WIRE

- 100% from BEKAERT
- Regroovable
- Stronger load capability
- Longer mileage



► MATERIAL SOURCING



Natural Rubber:
Thailand / Malaysia

Steel Cord: BEKAERT

Carbon Black: Cabot

► Tyre Inspection



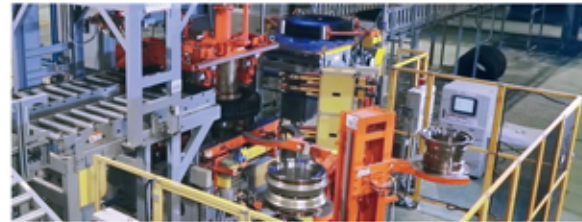
Specification records of each tire



X-ray machine



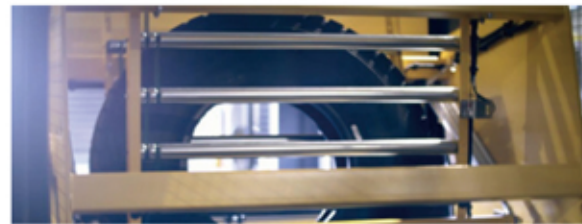
Appearance inspector



Uniformity tester



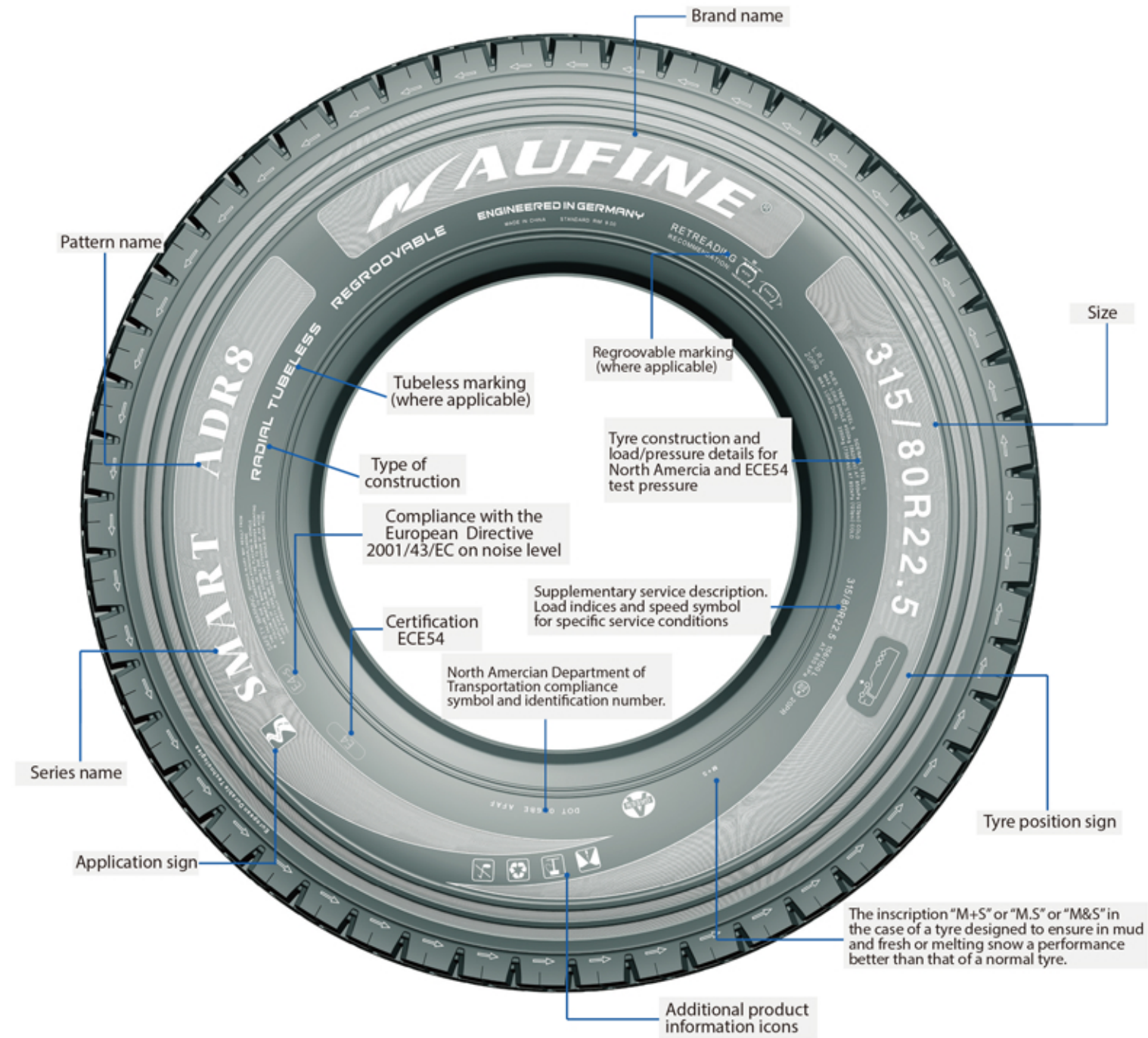
Dynamic balance tester



Laser shearography detector

TYRE MARKINGS

Nominal aspect ratio or series (H/S*100)					
295/80	R	22.5	154/150	J	
Nominal section width (or width code)	Construction code	Nominal rim diameter (Code)	Load indices (single / dual)	Speed symbol	Ply rating. Indicates different versions (load capacity/ inflation pressure) of tyres having the same size designation
11.00	R	20	149/146	J	16PR





LONG HAUL



AEL5



AEL15



AEL17



ATL5



SMART AEL5



SMART AEL15



- The new product image of bionic design gives **good visual impact**
- Increased tread width for a correct distribution of footprint contact pressure, able to improve **even wear** and ensure **high mileage**.
- Optimized pattern pitch distribution, especially with stepped design, provides **stronger handling wet grip** and **low-noise performance**.
- The special shoulder contour ensures optimal **even wear** and **higher mileage**.



Size	PR	Load Range	Load Index	Speed Rating	Max Speed mph	Tread Depth		Standard Rim	Max. Tire Load Single				Max. Tire Load Dual			
						32nds	mm		lbs.	psi	kg.	kPa	lbs.	psi	kg.	kPa
295/80R22.5	18	J	154/150 (152/148)	L (M)	75	20.8	16.5	9.00	8270	123	3750	850	7390	123	3350	850
315/80R22.5	20	L	156/150 (154/150)	L (M)	75	19.5	15.5	9.00	8820	123	4000	850	7390	123	3350	850
385/65R22.5	24	N	164(162)	J (K)	62	20.8	16.5	11.75	11000	138	5000	950	—	—	—	—
385/55R22.5	24	N	164(162)	J (K)	62	19.5	15.5	12.25	11000	138	5000	950	—	—	—	—



- Robust longitudinal ribs grant **wet grip, road holding** and **steering precision, shorter braking distance**.
- Stress relief sipes **fight the initiation and spread of irregular wear** on the main ribs by absorbing rib edge stresses within the footprint.
- Wider shoulder design for extra **protection from curb damage**.
- The special shoulder contour ensures optimal **even wear** and **higher mileage**.



Size	PR	Load Range	Load Index	Speed Rating	Max Speed mph	Tread Depth		Standard Rim	Max. Tire Load Single				Max. Tire Load Dual			
						32nds	mm		lbs.	psi	kg.	kPa	lbs.	psi	kg.	kPa
11R22.5	16	H	148/145	M	81	18.4	14.6	8.25	6940	123	3150	850	6395	123	2900	850
11R24.5	16	H	149/146	M	81	18.4	14.6	8.25	7160	120	3250	830	6610	120	3000	830
215/75R17.5	16	H	135/133	J	62	15.2	12.1	6.00	4805	125	2180	865	4540	125	2060	865
235/75R17.5	18	J	143/141	J	62	15.2	12.1	6.75	6005	125	2725	865	5675	125	2575	865



SMART AEL17



- Wider tread design and better wear resistance compound provide **longer mileage and excellent durability.**
- The characteristic groove design reinforces **stability and rapid drainage.**
- Longitudinal ribs design provides **excellent handling performance.**
- Special shoulder tread contour design allows a correct distribution of footprint contact pressure and ensures **optimal even wear and higher pressure.**



Size	PR	Load Range	Load Index	Speed Rating	Max Speed mph	Tread Depth		Standard Rim	Max. Tire Load Single				Max. Tire Load Dual			
						32nds	mm		lbs.	psi	kg.	kPa	lbs.	psi	kg.	kPa
9.5R17.5	18	J	143/141	J	62	17.1	13.6	6.75	6005	127	2725	875	5675	127	2575	875

SMART ATL5



- Innovative tread design with circumferential waterdrop sipes below the three central tread grooves, ensures **excellent grip and stability** on both wet and dry surfaces.
- Increased running surface provides better ground contact area for **higher mileage.**
- Zigzag groove designed to deliver **great lateral holding** as well as **high tear resistance.**
- Widened shoulder **prevents irregular shoulder wear.**



Size	PR	Load Range	Load Index	Speed Rating	Max Speed mph	Tread Depth		Standard Rim	Max. Tire Load Single				Max. Tire Load Dual			
						32nds	mm		lbs.	psi	kg.	kPa	lbs.	psi	kg.	kPa
385/65R22.5	24	N	164 (162)	J (K)	62	17.0	13.5	11.75	11000	138	5000	950	—	—	—	—

REGIONAL



SMART AER5



- Robust tread pattern design improves **cut resistance** and **durability**.
- Tread width and groove depth enhance **robustness** and **longer mileage**.
- The tough ties between blocks provide **powerful traction** in on and off road services.
- Optimized shoulder design extends **tread life**.



Size	PR	Load Range	Load Index	Speed Rating	Max Speed mph	Tread Depth		Standard Rim	Max. Tire Load Single				Max. Tire Load Dual			
						32nds	mm		lbs.	psi	kg.	kPa	lbs.	psi	kg.	kPa
10.00R20	18	J	149/146	K	68	20.8	16.5	7.5	7160	120	3250	830	6610	120	3000	830
11.00R20	18	J	152/149	K	68	20.8	16.5	8.0	7830	135	3550	930	7160	135	3250	930



SMART AER7



- Increased tread width promotes **mileage**.
- 4 grooves combined with wave and zig-zag shape grant **road holding** and **steering precision**.
- Special transversal sipes promote **wet grip** and **shorter braking distance**.
- Ejectors at the bottom of grooves prevent stones trapping thus ensuring **better durability**.



Size	PR	Load Range	Load Index	Speed Rating	Max Speed mph	Tread Depth		Standard Rim	Max. Tire Load Single				Max. Tire Load Dual			
						32nds	mm		lbs.	psi	kg.	kPa	lbs.	psi	kg.	kPa
225/80R17.5	16	H	123/122	L	75	19.5	15.5	6.75	3415	102	1550	700	3305	102	1500	700

SMART FR10



- Special tread design with high wear-resistance formula improves crown rigidity and reduces rolling resistance for fuel efficiency.
- The ribbed design provides excellent handling and drainage performance.
- Special shoulder design provides excellent transformation performance.
- Adopt high wear -resistant formula to improve service life.



Size	PR	Load Range	Load Index	Speed Rating	Max Speed mph	Tread Depth		Standard Rim	Max. Tire Load Single				Max. Tire Load Dual			
						32nds	mm		lbs.	psi	kg.	kPa	lbs.	psi	kg.	kPa
275/80R22.5	18	J	149/146	M	81	18.4	14.6	8.25	7160	123	3250	850	6610	123	3000	850



SMART ADR6



- Optimized distribution of footprint contact pressure, able to improve even wear and ensure high mileage.
- Special 3D sipes in tread block provides enhanced grip and traction performance in dry and wet conditions.
- Increased tread width and groove depth to enhance mileage.
- Robust shoulder design ensures resistance to tears and lacerations.



Size	PR	Load Range	Load Index	Speed Rating	Max Speed mph	Tread Depth		Standard Rim	Max. Tire Load Single				Max. Tire Load Dual			
						32nds	mm		lbs.	psi	kg.	kPa	lbs.	psi	kg.	kPa
295/80R22.5	20	L	154/149	L	75	25.2	20.0	9.00	8270	123	3750	850	7160	123	3250	850

SMART ADR7



- Special tread pattern with completely new tread block pitch sequence guarantees **high mileage, low rolling resistance, uniform wear and better traction.**
- Increased tread width and groove depth to **enhance mileage.**
- Special open shoulder design provides **outstanding traction** and promotes **even wear.**
- Transversal grooves with optimized geometry offer **excellent even wear** and **easy stone ejection.**



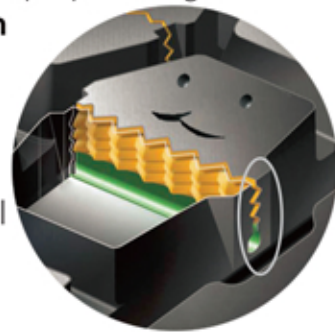
Size	PR	Load Range	Load Index	Speed Rating	Max Speed mph	Tread Depth		Standard Rim	Max. Tire Load Single				Max. Tire Load Dual			
						32nds	mm		lbs.	psi	kg.	kPa	lbs.	psi	kg.	kPa
12R22.5	18	J	152/149	L	75	28.0	22.2	9.00	7830	135	3550	930	7160	135	3250	930
11R22.5	18	J	149/146	L	75	25.7	20.4	8.25	7160	135	3250	930	6610	135	3000	930



SMART ADR8



- Directional wide pattern with deeper groove design effectively improves **high mileage, uniform wear** and **better traction**.
- Optimized distribution of footprint contact pressure, be able to improve **even wear** and **ensure high mileage**.
- Special 3D sipes in tread block provides **enhanced grip and traction performance** in dry and wet conditions.
- Double-wave and raindrop sipes design ensures **strong traction** on wet road surface.
- Pump sipes on block provides **greater resistance** to accidental damage.



Size	PR	Load Range	Load Index	Speed Rating	Max Speed mph	Tread Depth		Standard Rim	Max. Tire Load Single				Max. Tire Load Dual			
						32nds	mm		lbs.	psi	kg.	kPa	lbs.	psi	kg.	kPa
295/80R22.5	18	J	154/150 (152/148)	L (M)	75	25.8	20.5	9.00	8270	123	3750	850	7160	123	3250	850
315/80R22.5	20	L	156/150 (154/150)	L (M)	75	27.7	22	9.00	8820	123	4000	850	7390	123	3350	850
315/70R22.5	20	L	156/150 (154/150)	L (M)	75	25.2	20	9.00	8820	130	4000	900	7390	130	3250	900

SMART ADR113



- Directional tread design enhances **snow and ice traction**.
- 3D siping design for **excellent stability** and **powerful traction** in dry and slippery conditions.
- Open shoulder design effectively **drain water** and **improves grip**.
- Special compound formulation to provide **resistance at low temperature**.



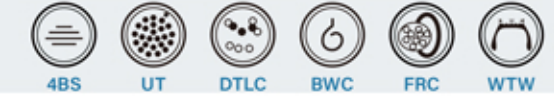
Size	PR	Load Range	Load Index	Speed Rating	Max Speed mph	Tread Depth		Standard Rim	Max. Tire Load Single				Max. Tire Load Dual			
						32nds	mm		lbs.	psi	kg.	kPa	lbs.	psi	kg.	kPa
11R22.5	16	H	146/143	M	81	28.3	22.5	8.25	6610	120	3000	830	6005	120	2725	830
11R24.5	16	H	149/146	M	81	28.3	22.5	8.25	7160	120	3250	830	6610	120	3000	830



SMART ADR117



SMART DR10



- Long-distance wear-resistant formula design and application, suitable for all seasons
- Extra-wide tread helps provide stability while helping to improve handling and mileage.
- Full 28/32nds tread depth helps provide long original tread life.
- Wide, open shoulder grooves help deliver additional traction balanced with tread life.



Size	PR	Load Range	Load Index	Speed Rating	Max Speed mph	Tread Depth		Standard Rim	Max. Tire Load Single				Max. Tire Load Dual			
						32nds	mm		lbs.	psi	kg.	kPa	lbs.	psi	kg.	kPa
11R22.5	16	H	146/143	L	75	28.3	22.5	8.25	6610	120	3000	830	6005	120	2725	830



- Big block pattern design delivers **extended treadlife, superb traction** and **exceptional durability.**
- Wide and deep transversal grooves provide **road holding** and **traction on slippery surface.**
- Robust shoulder design ensures **resistance to tears and lacerations.**
- High wear-resistant formula enhances **wear resistance** and ensure **longer span life.**



Size	PR	Load Range	Load Index	Speed Rating	Max Speed mph	Tread Depth		Standard Rim	Max. Tire Load Single				Max. Tire Load Dual			
						32nds	mm		lbs.	psi	kg.	kPa	lbs.	psi	kg.	kPa
235/75R17.5	18	J	143/141	J	62	17.1	13.6	6.75	6005	125	2725	865	5675	125	2575	865
275/80R22.5	18	J	149/146	M	81	21.9	17.4	8.25	7160	123	3250	850	6610	123	3000	850



SMART DR30



Increased tread width and groove depth enhance **longer mileage**.

Asymmetrical block pattern design offers **excellent driving force, less skidding and safer driving**.

Robust shoulder blocks optimized sectional traversal grooves ensure **low rolling resistance**.

Special open shoulder design provides **outstanding traction** and promotes **even wear**.



Size	PR	Load Range	Load Index	Speed Rating	Max Speed mph	Tread Depth		Standard Rim	Max. Tire Load Single				Max. Tire Load Dual			
						32nds	mm		lbs.	psi	kg.	kPa	lbs.	psi	kg.	kPa
295/60R22.5	18	J	150/147 (149/146)	K (L)	68	21.9	17.4	9.00	7390	130	3350	900	6780	130	3075	900
315/60R22.5	18	J	152/148	L	75	22.6	17.9	9.00	7830	13	3550	900	6940	13	3150	900

SMART ATR9



Wide footprint tread design promotes **mileage**.

Optimized zig-zag central grooves promote **steering precision** and provide **strong handling ability** on both wet and dry roads.

Lateral grooves with built-in stone ejectors prevent **stone trapping** and enhance **tear resistance**, thus extending **the lifespan** of tires.

Widened tread shoulder design reduces rubber movement ensuring **optimal even wear**.



Size	PR	Load Range	Load Index	Speed Rating	Max Speed mph	Tread Depth		Standard Rim	Max. Tire Load Single				Max. Tire Load Dual			
						32nds	mm		lbs.	psi	kg.	kPa	lbs.	psi	kg.	kPa
385/65R22.5	24	N	164(162)	J(K)	62	21.4	17	11.75	11000	138	5000	950	—	—	—	—
385/55R22.5	24	N	164(162)	J(K)	62	19.5	15.5	12.25	11000	138	5000	950	—	—	—	—



SMART TR88



- Robust longitudinal ribs grant wet grip, road holding and steering precision, shorter braking distance.
- Special functional sipes provide excellent grip and high mileage.
- The special shoulder tread contour allows a correct distribution of footprint contact pressure and ensures optimal even wear and higher mileage.
- Reinforced sidewall with higher thickness and special compound ensures high impact resistance and durability.



Size	PR	Load Range	Load Index	Speed Rating	Max Speed mph	Tread Depth		Standard Rim	Max. Tire Load Single				Max. Tire Load Dual			
						32nds	mm		lbs.	psi	kg.	kPa	lbs.	psi	kg.	kPa
295/60R22.5	18	J	150/147	K	68	18.4	14.6	9.70	7390	130	3350	900	6780	130	3075	900
315/60R22.5	20	L	153/150	L	75	18.4	14.6	9.70	8050	130	3650	900	7390	130	3350	900

URBAN BUS



AU20



SMART AU20



- 4 longitudinal grooves design provides good handling performance.
- Optimize sipes design provides better wet skid resistance.
- Special tread wear-resistant formula design to ensure wear mileage.
- Strengthen carcass steel wire design, use safer.



Size	PR	Load Range	Load Index	Speed Rating	Max Speed mph	Tread Depth		Standard Rim	Max. Tire Load Single				Max. Tire Load Dual			
						32nds	mm		lbs.	psi	kg.	kPa	lbs.	psi	kg.	kPa
235/75R17.5	18	J	143/141	J	62	17.1	13.6	6.75	6005	127	2725	875	5675	127	2575	875



ADW113



ADW117

WINTER



SMART ADW113



- Directional tread design enhances **snow and ice traction.**
- 3D siping design for **excellent stability** and **powerful traction** in dry and slippery conditions.
- Open shoulder design effectively **drain water** and **improves grip.**
- Special compound formulation to provide **resistance at low temperature.**



Size	PR	Load Range	Load Index	Speed Rating	Max Speed mph	Tread Depth		Standard Rim	Max. Tire Load Single				Max. Tire Load Dual			
						32nds	mm		lbs.	psi	kg.	kPa	lbs.	psi	kg.	kPa
11R22.5	16	H	146/143	M	81	28.3	22.5	8.25	6610	120	3000	830	6005	120	2725	830
11R24.5	16	H	149/146	M	81	28.3	22.5	8.25	7160	120	3250	830	6610	120	3000	830

SMART ADW117



- 3 dimensional siping technology helps provide exceptional traction on dry and slippery surfaces. Over 1,300 biting edges combine to help provide excellent levels of traction the 3 dimensional sipes lock together for the stability normally associated with solid tread blocks.
- Extra-wide tread helps provide stability while helping to improve handling and mileage.
- Full 28/32nds tread depth helps provide long original tread life.
- Wide, open shoulder grooves help deliver additional traction balanced with tread life.



Size	PR	Load Range	Load Index	Speed Rating	Max Speed mph	Tread Depth		Standard Rim	Max. Tire Load Single				Max. Tire Load Dual			
						32nds	mm		lbs.	psi	kg.	kPa	lbs.	psi	kg.	kPa
11R22.5	16	H	146/143	L	75	28.3	22.5	8.25	6610	120	3000	830	6005	120	2725	830



MIX



SMART AEM5



- Unique tread formula effectively improves **puncture resistance**.
- The grip angle of the tire reduces rolling resistance for improved **fuel economy**.
- The special groove design ensures **driving stability** and improves **self-cleaning capabilities**.
- The strengthened shoulder ribs and protrusions within the grooves improve **scratch resistance** and **uniform wear**.



AEM5 ADM6++ ADM818 ADM9 ADM68 ADM111 DM61

Size	PR	Load Range	Load Index	Speed Rating	Max Speed mph	Tread Depth		Standard Rim	Max. Tire Load Single				Max. Tire Load Dual			
						32nds	mm		lbs.	psi	kg.	kPa	lbs.	psi	kg.	kPa
10.00R20	18	J	149/146	J	68	22.6	17.9	7.5	7160	135	3250	930	6610	135	3000	930
12.00R20	22	M	158/155 (156/153)	F (J)	50	22.6	17.9	8.5	9370	140	4250	970	8540	140	3875	970



SMART ADM6++



- Transverse block pattern design provides **excellent driving performance.**
- The bottom of groove is reinforced with small ribs to **reduces stone retention** and **protect the tire casing.**
- Balanced contour design provides **longer durability.**
- Tread compound formulation improves **puncture, cut and scratch resistance.**



Size	PR	Load Range	Load Index	Speed Rating	Max Speed mph	Tread Depth		Standard Rim	Max. Tire Load Single				Max. Tire Load Dual			
						32nds	mm		lbs.	psi	kg.	kPa	lbs.	psi	kg.	kPa
12.00R20	24	N	160/157	D	40	27.0	21.4	8.5	9920	140	4500	970	9090	140	4125	970

SMART ADM818



- The directional pattern combined with the deep groove design can effectively improve the driving force and traction performance of the tire.
- The large-angle groove wall design can effectively prevent stones from being trapped in the groove, avoid cracks at the bottom of the groove, and further increase the service life of the tire.
- The reinforced skeleton material ensures the superior load-carrying performance of the product and makes driving safer.
- Special tread formula design, strong puncture resistance.



Size	PR	Load Range	Load Index	Speed Rating	Max Speed mph	Tread Depth		Standard Rim	Max. Tire Load Single				Max. Tire Load Dual			
						32nds	mm		lbs.	psi	kg.	kPa	lbs.	psi	kg.	kPa
315/80R22.5	22	M	160/157 (157/154)	J(K)	62	29.0	22.6	9.00	9920	138	4500	950	9090	138	4125	950



SMART ADM9



- Directional mixed pattern design provides extremely good traction.
- Wide and deep transversal grooves provide **better road holding and traction on slippery surfaces.**
- Open shoulder structure effectively disperses heat.
- Cut and chip resistant compound makes the tire **more durable and longer tire life.**



Size	PR	Load Range	Load Index	Speed Rating	Max Speed mph	Tread Depth		Standard Rim	Max. Tire Load Single				Max. Tire Load Dual			
						32nds	mm		lbs.	psi	kg.	kPa	lbs.	psi	kg.	kPa
225/80R17.5	16	H	123/122	L	75	19.5	15.5	6.75	3415	102	1550	700	3305	102	1500	700

SMART ADM68



- Increased under tread to **reduce the possibility of accidental casing damage.**
- Wide and deep transversal grooves provide **better road holding and traction on slippery surfaces.**
- Robust shoulder blocks, massive central rib and optimized sectional transversal grooves ensure **resistance to tears and lacerations.**
- Cut and chip resistant compound makes the tire **more durable and longer tire life.**



Size	PR	Load Range	Load Index	Speed Rating	Max Speed mph	Tread Depth		Standard Rim	Max. Tire Load Single				Max. Tire Load Dual			
						32nds	mm		lbs.	psi	kg.	kPa	lbs.	psi	kg.	kPa
9.5R17.5	18	J	143/141	J	62	20.0	15.9	6.75	6005	127	2725	875	5675	127	2575	875



SMART ADM111



- Increased tread width and groove depth design for on and off road services, features **high resistance** to laceration, **high traction** on rough terrains and mud, **mileage** and **acoustic comfort** on asphalted road.
- Great Wall shaped edges design **enhances grip** for slippery surfaces.
- Continuous stone ejectors fight stone retention and drilling to **preserving the casing**, thus ensuring **high durability performance**.
- House shaped blocks shoulder design grants **excellent lateral grip** in slippery conditions.



Size	PR	Load Range	Load Index	Speed Rating	Max Speed mph	Tread Depth		Standard Rim	Max. Tire Load Single				Max. Tire Load Dual			
						32nds	mm		lbs.	psi	kg.	kPa	lbs.	psi	kg.	kPa
11R24.5	16	H	149/146	L	75	32.0	25.4	8.25	7160	120	3250	830	6610	120	3000	830

SMART DM61



- Increased tread width promotes **mileage**
- Directional tread pattern for better **traction, acoustic comfort and even wear**
- Reinforced sidewall with higher thickness and special compound ensures **high impact resistance and durability**
- Special tread compound formulation to provide **resistance to aggressions and abrasion**



Size	PR	Load Range	Load Index	Speed Rating	Max Speed mph	Tread Depth		Standard Rim	Max. Tire Load Single				Max. Tire Load Dual			
						32nds	mm		lbs.	psi	kg.	kPa	lbs.	psi	kg.	kPa
315/80R22.5	22	M	160/157 (157/154)	J (K)	62	27.3	21.7	9.00	9920	138	4500	950	9090	138	4125	950

OFF ROAD



AEH7



AEH9



SMART AEH7



- The aggressive multi-lug tread design provides **powerful grip** and **exceptional traction**.
- Optimized groove design **prevents stone trapping** and grants **highest mileage**.
- Tough bar between blocks optimized to ease **self-cleaning**, thus ensuring better **traction and even wear**.
- Special tread compounds improve **resistance to cuts, chips, tearing and irregular wear**.



Size	PR	Load Range	Load Index	Speed Rating	Max Speed mph	Tread Depth		Standard Rim	Max. Tire Load Single				Max. Tire Load Dual			
						32nds	mm		lbs.	psi	kg.	kPa	lbs.	psi	kg.	kPa
225/80R17.5	16	H	123/122	J	62	22.7	18	6.75	3415	102	1550	700	3305	102	1500	700

SMART AEH9



- Big block pattern design provides **excellent driving and gripping performance**.
- Self-cleaning, open shoulder tread design help enhance **traction and flotation capabilities** on varied terrains.
- Reinforced carcass and bead design provide **high quality and performance** under heavy load conditions.



Size	PR	Load Range	Load Index	Speed Rating	Max Speed mph	Tread Depth		Standard Rim	Max. Tire Load Single				Max. Tire Load Dual			
						32nds	mm		lbs.	psi	kg.	kPa	lbs.	psi	kg.	kPa
11R22.5	18	J	149/146	F	50	28.0	22.2	8.25	7160	135	3250	930	6610	135	3000	930
12R22.5	20	L	154/151	F	50	29.9	23.7	9.00	8270	140	3750	970	7610	140	3450	970
295/80R22.5	20	L	154/149	F	50	26.5	21.0	9.00	8270	123	3750	850	7160	123	3250	850

RECOMMENDATIONS FOR THE SAFE USE OF AUFINE RADIAL TRUCK TYRES

Important instructions for safe inflation

Tyre pressure directly influences tyre life and safety

Over-inflation reduces:

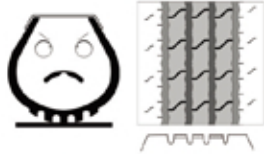
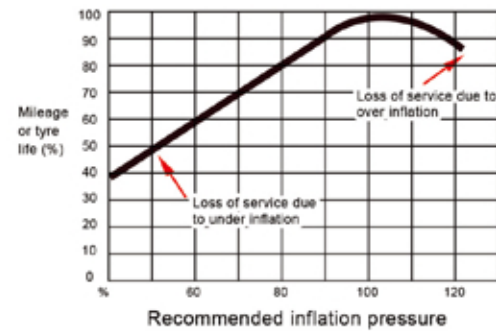
- Comfort
- Grip
- Braking distance
- Tyre life span, particularly on drive axle tyres.
- Safety

Under-inflation leads to:

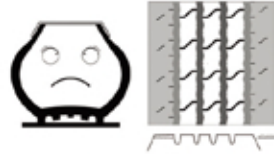
- Reduced vehicle handling and safety
- A reduction in casing retreadability
- An increase of rolling resistance consequently.



Effect of inflation pressure on tyre life



Over-inflation



Under-inflation

ADVICE BEFORE INFLATION

1. Weigh your vehicle and its load, axle by axle, to determine tyre pressure.
2. Measure the pressure when cold (when the vehicle has been stationary for several hours): pressures must be checked at regular intervals and during each service.
3. Important safety instruction: pressure increases when the vehicle is in motion, never reduce the pressure of a hot tyre.

METHOD OF INFLATION



- With inflation cage**
- Place the tyre vertically in the inflation cage
 - Read the cage user manual.



- Without inflation cage**



Caution:

Driving with insufficient pressure can damage your tyres. After having driven with an underinflated tyre, do not re-inflate tyre: have your tyres fully checked over by an expert.

TECHNICAL TABLES LEGEND

(S) SECTION WIDTH (MM)

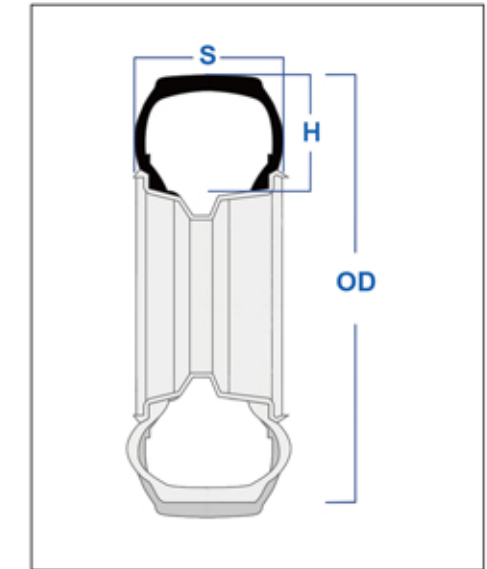
The linear distance between the outsides of the sidewalls of an inflated tyre excluding elevations due to labelling (marking), design application indicators, protective bands or ribs.

(H) SECTION HEIGHT (MM)

Half difference between the overall diameter and the nominal rim diameter.

(OD) OVERALL DIAMETER (MM)

The diameter of an inflated tyre at the outermost surface of the tread.



CONVERSION FACTORS

TO CONVERT FROM	INTO	MULTIPLY BY
mm inch	Inch mm	0.03937 25.4
Kg ibs	lbs kg	2.2046 0.4536
Bar Kg/cm ²	Kg/cm ² bar	1.01972 0.98066
Bar lbs./sq.inch(psi)	lbs./sq.inch(psi) bar	14.5033 0.06895
bar	kpa	100
lbs./sq.inch(psi)	kpa	6.895
Bar lbs./sq.inch(psi)	lbs./sq.inch(psi) bar	0.62137 1.60935

SPEED SYMBOLS [KM/H&MPH]

SYMBOL	E	F	G	J	K	L	M
KM/H	70	80	90	100	110	120	130
M.P.H.	43	50	56	62	68	75	81

SIZE LINE-UP

PATTERN SIZE	AEL5	AEL15	AEL17	ATL5	AER5	AER7	FR10	ADR6	ADR7	ADR8	ADR113	ADR117	DR10	DR30
	P9	P10	P11	P12	P14	P15	P16	P17	P18	P19	P20	P21	P22	P23
7.50R16LT														
8.25R16LT														
8.25R20														
9.00R20														
9.5R17.5			●											
10.00R20					●									
11.00R20					●									
11R22.5		●						●		●	●	●		
11R24.5		●								●				
12.00R20														
12R22.5								●						
215/75R17.5		●												
225/80R17.5					●									
235/75R17.5		●											●	
275/80R22.5							●						●	
295/60R22.5														●
295/80R22.5	●							●		●				
315/60R22.5														●
315/70R22.5										●				
315/80R22.5	●									●				
385/65R22.5	●			●										

PATTERN SIZE	ATR9	TR88	AU20	ADW113	ADW117	AEM5	ADM6++	ADM818	ADM9	ADM68	ADM111	DM61	AEH7	AEH9
	P24	P25	P27	P29	P30	P32	P33	P34	P35	P36	P37	P38	P41	P42
7.50R16LT														
8.25R16LT														
8.25R20														
9.00R20														
9.5R17.5										●				
10.00R20						●								
11.00R20														
11R22.5				●	●			●						●
11R24.5				●				●			●			
12.00R20						●	●							
12R22.5														●
215/75R17.5														
225/80R17.5									●				●	
235/75R17.5			●											
275/80R22.5														
295/60R22.5														
295/80R22.5														●
315/60R22.5														
315/70R22.5														
315/80R22.5												●		
385/65R22.5	●	●												