AUFINE®

INFINITE FORWARD PLEASURE

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About Us »

AUFINE Group is located in beautiful costal city Qingdao.Relying on accurate market-oriented R&D relief, strict quality control, sound marketing and perfect service system, AUFINE is committed to provide the best tyre, best service and valuable brand to the world.

The major products of AUFINE include truck and bus radial tyres, passenger car tyres, which have passed DOT, ECE, REACH, ISO9001, S-MARK, CCC, GCC, BIS, SMARTWAY, INMETRO, SASO, SONCAP, LATU, NOM certifications. AUFINE tyre distribution network is over 130 countries across Europe, the Americas, Asia, Africa and Oceania.

Adhering to the mission of bringing safety, comfort and pleasure to drivers all over the world, AUFINE commits to the innovation and upgrading of products as the heart of enterprise. AUFINE people are absorbed in meeting local individual demands. AUFINE tyre takes innovation as the growing power of the brand. Moreover, AUFINE has standard process of development system and independent research and production ability to develop high performance tyres with wide base, low section and low noise.

Dedicated all the best services to clients is the invariable attitude of AUFINE. AUFINE professional sales specialists provide you with a full range of services on recommendations, orders, shipping and after sale services. Regional management of market channels, highly matchment with products and channels and inspiring incentive strategy ensure clients' salesment growth. AUFINE provides diversified promotional items to clients, specially with customized supports to local markets. Integral and regional marketing strategy leads AUFINE for the faster growth.

Between the road and the vehicle, drivers only can trust the tyres, AUFINE tyre is for safety escort. Between the clients and the brand, markets only believe high quality products and services, AUFINE tyre gives clients long-term trust.

AUFINE TYRE, INFINITE FORWARD PLEASURE!

General content »

RANGE OVERVIEW

LONG HAUL

Product designed to provide low fuel consumption and total cost of ownership optimization. The best balance between mileage and fuel efficiency is found in long distance and highway routes.

AEL2

REGIONAL

Product designed to guarantee high mileage in any condition of usage and good resistance to highly abrasive surfaces. High level of safety on all roads and in all seasons.

ADR3

AER3

ADR5

ATR2

MIX

For mixed use on roads, on construction sites and under aggressive tread-wear condition.

ADM2

WINTER

Products designed for use under critical weather conditions, snow and ice.

ADW2

AUFINE TYRE TECHNOLOGY

DLTC

DUAL LAYER TREAD COMPOUND

-High silica formulation compound

-Premium quality rubber from 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

WTW

WIDER TREAD WIDTH

-Increased tire contact area

-Optimized pressure distribution

-Higher mileage

-Better handling

-Even wear

3PMSF

THREE-PEAK MOUNTAIN SNOWFLAKE SYMBOL

-Designed with three dimensional lock technologies

-Improves the traction on ice and snow

-Excellent winter performance

UT

ULTRA-STRENGTH STEEL WIRE

-100% from BEKAERT

-Retreadability

-Stronger load capability

-Longer mileage

LONG HAUL

ENERGY AEL2

THE OPTIMUM COMBINATION BETWEEN FUEL EFFICIENCY AND HIGH MILEAGE
MAXIMUM STEERING PRECISION AND PROGRESSIVE RESPONSE

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

SIZE	LOAD INDEX/SPEED CODE	MARKINGS			
295/80R22.5	154/150(152/148) L(M)	M+S 3PMSF	C	C	73 dB
315/70R22.5	156/150(154/150) L(M)	M+S 3PMSF	C	C	73 dB
315/80R22.5	156/150(154/150) L(M)	M+S 3PMSF	C	C	73 dB
385/65R22.5	160(158) K(L)	M+S 3PMSF	C	C	73 dB

REGIONAL

ENERGY ADR3

TYRE DESIGNED FOR FITMENT OF DRIVE AXLE ENSURING COST EFFICIENCY, COMFORT AND SAFETY.

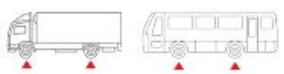
- Directional tread pattern with completely new tread block pitch sequence guarantees **high mileage, low rolling resistance, uniform wear** and **better traction**
- Increased tread width and groove depth to **enhance mileage**
- Special functional sipes provide **excellent grip** and **high mileage**
- Special open shoulder design provide **outstanding traction** and promotes **even wear**

SIZE	LOAD INDEX/SPEED CODE	MARKINGS			
295/80R22.5	154/150(152/148) L(M)	M+S 3PMSF	D	C	75 dB
315/70R22.5	154/150(152/148) L(M)	M+S 3PMSF	D	C	75 dB
315/80R22.5	156/150(154/150) L(M)	M+S 3PMSF	D	C	75 dB

ENERGY AER3

TYRES FOR FITMENT OF STEER AXLE OF TRUCK AND MINIBUS PROVIDING HIGH MILEAGE,BETTER EVEN WEAR.

- Wider tread design **promotes high mileage, good handling and even wear**
- Ejectors at the bottom of grooves prevent stones trapping thus ensuring **better durability and retreadability**
- Special functional sipes help to **reduce heating** and **enhance anti-wet ability**
- Reinforced sidewall with higher thickness and special compound ensures **high impact resistance** and **durability**

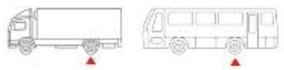


SIZE	LOAD INDEX/SPEED CODE	MARKINGS			
215/75R17.5	135/133 J	M+S 3PMSF	D	C	71 dB
235/75R17.5	143/141 J	M+S 3PMSF	D	C	71 dB
385/65R22.5	160(158) K(L)	M+S 3PMSF	D	C	71 dB

ENERGY ADR5

TYRES FOR FITMENT OF DRIVE AXLE OF TRUCK AND MINIBUS PROVIDING HIGH MILEAGE,SUPERIOR GRIP AND TRACTION IN ALL WEATHER CONDITIONS.

- Optimized tread design for a correct distribution of footprint contact pressure, able to improve **even wear** and ensure **high mileage**
- Increased tread width and groove depth to **enhance mileage**
- Special functional sipes provide **excellent grip** and **high mileage**
- Special open shoulder design provide **outstanding traction** and promotes **even wear**

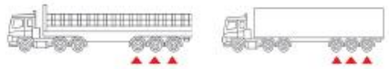


SIZE	LOAD INDEX/SPEED CODE	MARKINGS			
215/75R17.5	135/133 J	M+S 3PMSF	D	C	71 dB
235/75R17.5	143/141 J	M+S 3PMSF	D	C	71 dB

ENERGY ATR2

DESIGNED FOR FITMENT OF TRAILER AND SEMI-TRAILER TO ENSURE RESISTANCE TO LOAD, ROBUSTNESS,MILEAGE AND RETREADABILITY.

- The new tread pattern profile with optimized footprint **improves mileage and tearing resistance**
- Zig-zag shape grooves and robust ribs designed to deliver **great lateral holding** as well as **high tear resistance**
- Special functional sipes help to **reduce heating** and **enhance anti-wet ability**
- Reinforced sidewalls provide **resistance to lateral impacts and abrasion**



SIZE	LOAD INDEX/SPEED CODE	MARKINGS			
385/65R22.5	160(158) K(L)	M+S	C	C	71 dB

ENERGY ADM2

DESIGNED FOR FITMENT OF DRIVE AXLE OF VEHICLES USED IN CONSTRUCTION SITE,FEATURES HIGH RETREADABILITY AND DELIVERS RESISTANCE TO LACERATION,HIGH TRACTION ON ROUGH TERRAINS AND MUD.

- Chamfered tread block design to **reduce tread tearing**
- Compact central tread blocks to **improve resistance to tread tearing**
- Protective ridges in the base of the grooves **improve self-cleaning properties**
- Reinforced shoulder area improves **resistance to lateral impact damage**

MIX

SIZE	LOAD INDEX/SPEED CODE	MARKINGS			
315/80R22.5	156/150 K	M+S 3PMSF	D	C	75 dB
13R22.5	156/150 K	M+S 3PMSF	D	C	75 dB

WINTER

ENERGY ADW2

DESIGNED TO BE RELIABLE AND SAFE IN CRITICAL WINTER CONDITIONS,WHILE ENSURING HIGH MILEAGE,GRIP AND RETREADABILITY.

- Optimised tread is designed for **excellent mileage** and **high resistance to accidental damage**
- Dense siping provides **excellent grip** and **steering control** on wet surfaces
- Special shoulder design provides a correct distribution of footprint contact pressure to assure **even wear** and **high performance**
- Specail tread compound formulation to provide **resistance at low temperature**

SIZE	LOAD INDEX/SPEED CODE	MARKINGS			
315/80R22.5	156/150(154/150) L (M)	M+S 3PMSF	D	C	75 dB

TECHNICAL DATA

Size	Pattern	PR	Load Index	Speed Rating	Max Speed mph	Standard Rim	Overall Diameter		Section Width		Max. Tire Load Single		Max. Tire Load Dual		kPa	psi
							in	mm	in	mm	kg	lbs	kg	lbs		
295/80R22.5	AEL2	18	154/150 (152/148)	L (M)	75	9.00	41.1	1044	11.7	298	3750	8270	3350	7390	850	123
295/80R22.5	ADR3	18	154/150 (152/148)	L (M)	75	9.00	41.1	1044	11.7	298	3750	8270	3350	7390	850	123
315/70R22.5	AEL2	18	156/150 (154/150)	L (M)	75	9.00	39.9	1014	12.3	312	4000	8820	3350	7390	900	130
315/70R22.5	ADR3	16	154/150 (152/148)	L (M)	75	9.00	39.9	1014	12.3	312	3750	8270	3350	7390	900	130
315/80R22.5	AEL2	20	156/150 (154/150)	L (M)	75	9.00	42.4	1076	12.3	312	4000	8820	3350	7390	850	123
315/80R22.5	ADR3	20	156/150 (154/150)	L (M)	75	9.00	42.4	1076	12.3	312	4000	8820	3350	7390	850	123
315/80R22.5	ADW2	20	156/150 (154/150)	L (M)	75	9.00	42.4	1076	12.3	312	4000	8820	3350	7390	850	123
315/80R22.5	ADM2	20	156/150	K	68	9.00	42.4	1076	12.3	312	4000	8820	3350	7390	850	123
385/65R22.5	AEL2	20	160 (158)	K (L)	68	11.75	42.2	1072	15.3	389	4500	9920	——	——	900	130
385/65R22.5	ATR2	20	160 (158)	K (L)	68	11.75	42.2	1072	15.3	389	4500	9920	——	——	900	130
385/65R22.5	AER3	20	160 (158)	K (L)	68	11.75	42.2	1072	15.3	389	4500	9920	——	——	900	130
13R22.5	ADM2	18	156/150	K	68	9.75	44.3	1124	12.6	320	4000	8820	3350	7390	875	127
215/75R17.5	AER3	16	135/133	J	62	6.00	30.2	767	8.3	212	2180	4805	2060	4540	850	123
215/75R17.5	ADR5	16	135/133	J	62	6.00	30.2	767	8.3	212	2180	4805	2060	4540	850	123
235/75R17.5	AER3	18	143/141	J	62	6.75	31.4	797	9.2	233	2725	6005	2575	5675	875	127
235/75R17.5	ADR5	18	143/141	J	62	6.75	31.4	797	9.2	233	2725	6005	2575	5675	875	127

European Tyre Labelling

REGULATION (EC)NO 1222/2009

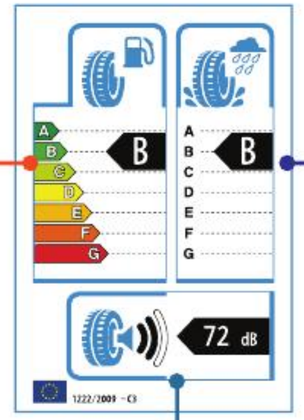
**As of 1 November 2012, New tyre label regulations are in force to help promote safer, more economical and more environmentally friendly road transport in Europe.
The new labels indicate tyre performance in three keyareas:braking in wet conditions, exterior noise and rolling resistance.**

FUEL EFFICIENCY

7 classes - from A (most efficient) to least efficient

The effect varies depending on the vehicle and driving conditions. However, **the difference between a G and an A class for a complete set of tyres could reduce fuel consumption for trucks up to 20%.***

* Source: European Commission's impact Assessment SEC (2008) 2860.



WET GRIP

7 classes - from A (best wet grip) to worst wet grip

The effect may vary depending on the vehicle and driving conditions.
However, in the case of full braking, **the difference between a G and an A class for a complete set of tyres could be up to 30% shorter braking distances.**

EXTERIOR NOISE

Exterior noise levels are split into 3 categories and measured in decibel (dB) in comparison with the new European tyre exterior noise levels to be introduced until 2016. The noise pictogram displays the categories while the black arrow next to the pictogram indicates the noise level as an absolute value.

Note that external tyre rolling noise is not related to interior vehicle noise

1 black sound wave (=3dB already less than the future European limit)

2 black sound waves (= already compliant with the future European limit)

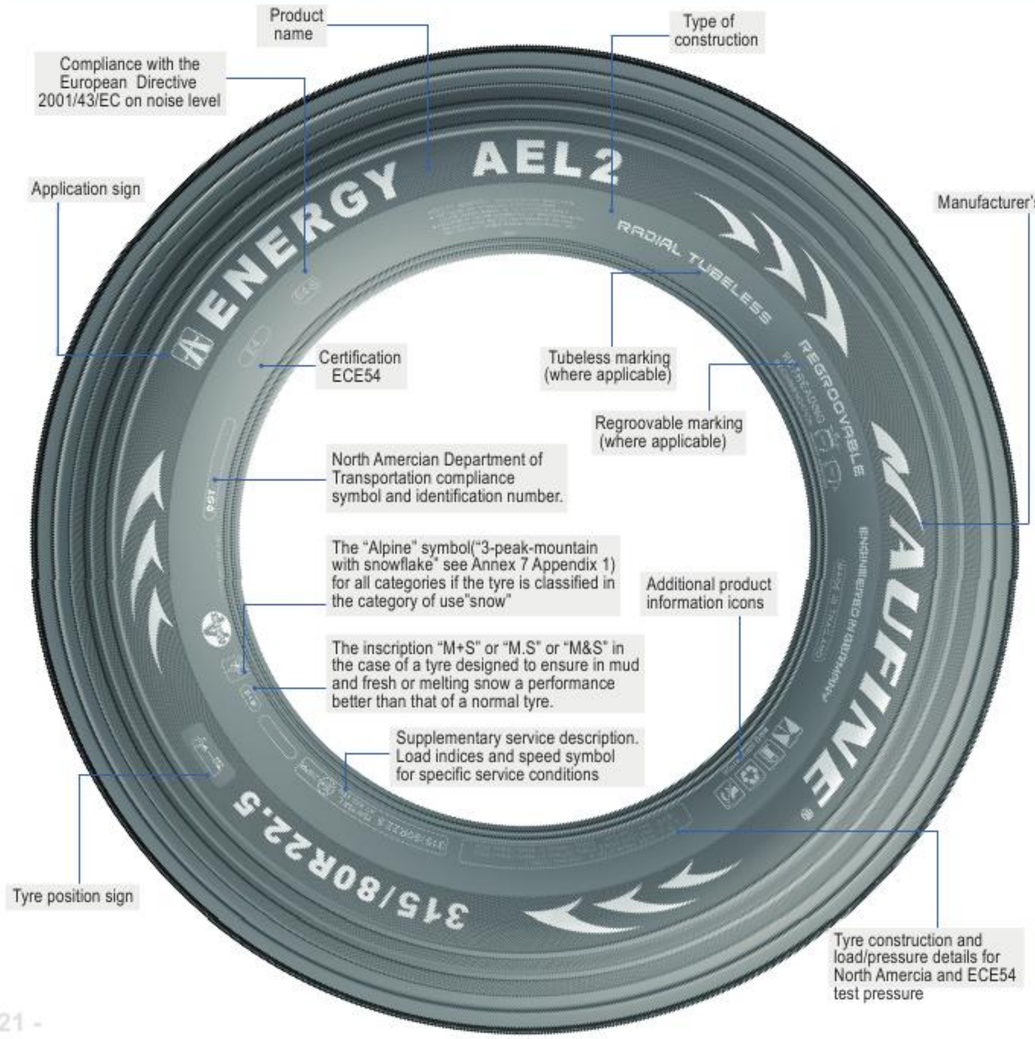
3 black sound waves (= compliant with the current European limit)

OB LIGATION:
The Regulation requires that tyres* produced after 30 June 2012 and on sale in the EU from November 2012 will show grade of Rolling Resistance, Wet Grip and Noise in all technical promotion materials.

* Some tyres are excluded, such as retread, professional off-road or studded tyres.

TYRE MARKINGS

Nominal aspect ratio or series (H/S*100)					
315/80	R	22.5	156/150	L	
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



PATTERN NAMING METHOD

Brand&Series	Position	Application
A=AUFINE **ENERGY**=Series name	**D**=Drive **T**=Trailer **E**=All position **F**=Steer	**L**=Highway application (Long haul) **R**=Regional application **M**=80% On-road use,20% Off-road use **H**=High load used in mine

RECOMMENDATIONS FOR THE SAFE USE OF AUFINE RADIAL TRUCK TYRES

Important instructions for safe inflation

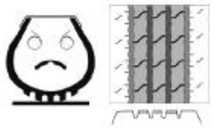
Tyre pressure directly influences tyre life and safety

Over-inflation reduces:

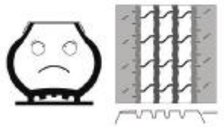
- Comfort
- Grip
- Braking distance
- Tyre life span, particularly on drive axle tyres.
- Safety

Under-inflation leads to:

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



Over-inflation



Under-inflation

Effect of inflation pressure on tyre life

Recommended inflation pressure

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

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)

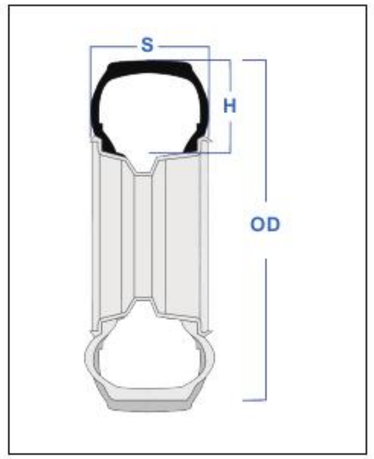
The linear distance between the outsides of the sidewalls of an inflated tyre excluding elevations due to labelling (marking), design application indicators, protective bands or ribs.

(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 FORM	INTO	MULTIPLY BY
mm inch	Inch mm	0.03937 25.4
Kg ibs	lbs kg	2.2046 0.4536
Bar Kg/cm2	Kg/cm2 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

AUFINE TYRE

FEEL THE ENERGY