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PLT TIRE
CATALOG 2025

Enterprise Profile

JINYU Tire Group Co., Ltd. was founded in 1995, and is a professional R&D company as well as a quality manufacturing enterprise in the tire industry. JINYU employees more than 6,000 people worldwide. The company is equipped with advanced tire production technologies, processes and machinery. JINYU has excellent research and development capabilities and a professional management team. All of this provides a sound, total quality management system for the markets that the company serves. JINYU has three plants, two located in China and one in Vietnam, with a total production capacity of 10 million tires per year. The company has sales centers in North America, Europe, Vietnam and other countries around the world providing local support for its customers. JINYU's network covers more than 100 countries worldwide including regions such as the United States, Europe, Asia, Africa, the Middle East and others.

JINYU Certificates

The company has obtained certificates like CCC, DOT, ECE, INMETRO, ISO/TS16949, GCC, SONCAP, TBS, SARS and so on. The company's laboratory has been certified by CNAS and ISO/IEC 17025 and obtained many national Patents.

Research and Development

The company believes proving excellent quality is a way of life and takes every opportunity to instill this value throughout the entire enterprise. As proof of this commitment, a considerable investment has been made in R&D over the last 30 years. The R&D center not only utilizes advanced equipment but also commits to operating efficiently and maintaining a strong teamwork culture. The team is hyper-focused on marketing, product planning, formula research and development, as well as, structure design and product testing.

Enterprise Mission

Concentrate on rubber tire technology and service development and application;
Commit ourselves to providing customers the best value and experience.

Enterprise Vision

To be the best tire supplier, trusted globally and able to provide the best value and experience to customers and end-users.

JINYU firmly adheres to the enterprise spirit, "Common interests above all else" and the company's target of "Providing the customers with excellent quality products and a high level of service." We insist on focusing on our customer's demands, committing to our promises, operating ethically, and developing scientifically to maximize the common benefit of consumers, distributors, suppliers, employees, shareholders, communities, governments, enterprises and other related parties.

"Common interests above all else"!

ENTERPRISE

INTRODUCTION

INITIAL TIRE LINEUP



C5 P03 **COMFORT**

Technical Profile
Speed Symbols: V, W, Y
Tread Widths: 185-235
Series: 45-65
Rim Sizes: 15-18



A5 P07 **ALL SEASON** **TOURING**

Technical Profile
Speed Symbols: H, V
Tread Widths: 185-245
Series: 50-65
Rim Sizes: 15-20
UTQG: 740 A A
Limited Mileage Warranty: 75K miles



S5 P11 **SUV** **SPORT**

Technical Profile
Speed Symbols: V, W, Y
Tread Widths: 225-285
Series: 45-55
Rim Sizes: 18-20



H5 P15 **HT** **COMFORT**

Technical Profile
Speed Symbols: S, T, H, V
Tread Widths: 215-275
Series: 50-75
Rim Sizes: 15-20
UTQG: 700 A A
Limited Mileage Warranty: PC-65K miles, LT-50K miles



X5 P19 **AT**

Technical Profile
Speed Symbols: Q, V
Tread Widths: 225-315
Series: 50-85
Rim Sizes: 15-20
UTQG: 640 A B
Limited Mileage Warranty: PC-60K, LT-50K



Size	Series	Rim Size	A5 ALL SEASON TOURING	C5 COMFORT	H5 COMFORT	S5 SUV SPORT	X5 AT	A5 SPORT	S5 SPORT
245/35R20	35	20						95W XL	(95Y) XL
255/35R20	35	20							97Y XL
275/40R20	40	20				106Y XL		106Y XL	
245/45R20	45	20				103Y XL		103W XL	
255/45R20	45	20				105Y XL		105Y XL	
275/45R20	45	20				110Y XL			
245/50R20	50	20	102V						
255/50R20	50	20			105V				
265/50R20	50	20			107V		107V		
285/50R20	50	20				116W XL			
235/55R20	55	20	102V						
255/55R20	55	20			110V				
275/55R20	55	20	113H		113H		113H		
275/60R20	60	20			115H		115H		
LT275/65R20	65	20					10PR 126/123S		
235/35R19	35	19						91Y XL	
255/35R19	35	19						96Y XL	
225/40R19	40	19						93Y XL	93Y XL
235/40R19	40	19						96W XL	(96Y) XL
245/40R19	40	19						98W XL	98Y XL
255/40R19	40	19							100Y XL
225/45R19	45	19							96Y XL
235/45R19	45	19				99Y XL			
245/45R19	45	19						102W XL	102Y XL
255/45R19	45	19				104Y XL			
255/50R19	50	19				107Y XL			
225/55R19	55	19	99V			103V XL			
235/55R19	55	19	105V XL			105W XL			
245/55R19	55	19			103V				
255/60R19	60	19			109H				
255/35R18	35	18						94Y XL	
265/35R18	35	18						97Y XL	
225/40R18	40	18						92Y XL	92Y XL
235/40R18	40	18						95W XL	95Y XL
245/40R18	40	18						97Y XL	97Y XL
215/45R18	45	18							93Y XL
225/45R18	45	18						95W XL	95Y XL
235/45R18	45	18						98W XL	98Y XL
245/45R18	45	18						100Y XL	100Y XL
225/50R18	50	18	95V	99W XL					
235/50R18	50	18	97V			101Y XL			
215/55R18	55	18	95H	99V XL					
225/55R18	55	18	98V	102Y XL					
235/55R18	55	18	100V			104W XL			
255/55R18	55	18			109V				
225/60R18	60	18	100H						
235/60R18	60	18	107V XL		103V				
245/60R18	60	18			105H				
265/60R18	60	18			110H		114H XL		
235/65R18	65	18	106V		106V				
255/65R18	65	18			111H				
265/65R18	65	18	114H		114H		114T		
275/65R18	65	18	116H		116H		116H		
LT275/65R18	65	18					10PR 123/120S		
LT265/70R18	70	18			10PR 124/121S		10PR 124/121S		
LT275/70R18	70	18					10PR 125/122S		
205/40R17	40	17					84W XL	84Y XL	
215/40R17	40	17						87Y XL	
245/40R17	40	17						95Y XL	
205/45R17	45	17					88W XL	88Y XL	
215/45R17	45	17					91W XL	91Y XL	
225/45R17	45	17					94W XL	94Y XL	
235/45R17	45	17					97W XL	97Y XL	
245/45R17	45	17					99Y XL	99Y XL	
205/50R17	50	17	89V	93Y XL					

● lanuch in 2025 ● lanuch in 2026



Size	Series	Rim Size	A5 ALL SEASON TOURING	C5 COMFORT	H5 COMFORT	S5 SUV SPORT	X5 AT	A5 SPORT	S5 SPORT
215/50R17	50	17	93V	95Y XL					
225/50R17	50	17	94V	98Y XL					
235/50R17	50	17	96V						
205/55R17	55	17		95W XL					
215/55R17	55	17	94V	98W XL					
225/55R17	55	17	97V	101Y XL					
235/55R17	55	17	99V	104W XL					
215/60R17	60	17	96H	96V					
225/60R17	60	17	99H	103V XL					
235/60R17	60	17	102H						
215/65R17	65	17	99H						
225/65R17	65	17	102H		102H				
235/65R17	65	17			104H				
245/65R17	65	17	107H		107H			111T XL	
255/65R17	65	17			110T				
265/65R17	65	17	112T		112T			116T XL	
245/70R17	70	17	110T		110T			114T XL	
255/70R17	70	17			112T				
265/70R17	70	17	115T		115T			115T	
LT245/70R17	70	17			10PR 119/116S			10PR 119/116S	
LT265/70R17	70	17			10PR 121/118S			10PR 121/118S	
LT285/70R17	70	17			10PR 123/120S			10PR 121/118S	
LT315/70R17	70	17						10PR 126/123S	
LT245/75R17	75	17			10PR 121/118S			10PR 121/118S	
LT235/80R17	80	17			10PR 120/117S			10PR 120/117R	
195/45R16	45	16		84W XL					
205/45R16	45	16		87W XL					
215/45R16	45	16		90W XL					
195/50R16	50	16		88V XL					
205/50R16	50	16	87V						
195/55R16	55	16	87V	91V XL					
205/55R16	55	16	91V	94W XL					
215/55R16	55	16	97H XL	97W XL					
225/55R16	55	16		99W XL					
205/60R16	60	16	92V	96W XL					
215/60R16	60	16	95V	99V XL					
225/60R16	60	16	98H						
205/65R16	65	16	95H						
215/65R16	65	16	98H	102V XL					
225/65R16	65	16	100H						
235/65R16	65	16	103H						
235/65R16C	65	16			10PR 121/119S				
215/70R16	70	16			100H				
225/70R16	70	16			103H				
235/70R16	70	16			106T			109T XL	
245/70R16	70	16			107T			111T XL	
255/70R16	70	16			111T			115T XL	
265/70R16	70	16			112T			112T	
275/70R16	70	16			114H				
245/75R16	75	16			111T			111T	
265/75R16	75	16			116T			116T	
LT225/75R16	75	16			10PR 115/112S			10PR 115/112S	
LT245/75R16	75	16			10PR 120/116S			10PR 120/116S	
LT265/75R16	75	16			10PR 123/120S			10PR 123/120S	
LT285/75R16	75	16						10PR 126/123R	
LT235/85R16	85	16						10PR 120/116S	
195/50R15	50	15		86V XL					
195/55R15	55	15		85V					
195/60R15	60	15	88H	88V					
205/60R15	60	15		95V XL					
185/65R15	65	15	88H	92H XL					
195/65R15	65	15	91H	91V					
205/65R15	65	15	94H	94V					
235/75R15	75	15			109T			109T XL	
31×10.50R15LT	80	15						6PR 109Q	

● lanuch in 2025 ● lanuch in 2026

C5 COMFORT

Safety made to last with consistent and excellent wet braking performance.

Quite good comfort feeling, with very consistent forces across all different on-road inputs.


Summer


Low-RR


Fuel Efficiency


Comfortable


Wet Braking


Handling



Technical Profile >>>

Speed Symbols: H, V, W, Y

Series: 45-65

Tread Widths: 185 - 235

Rim Sizes: 15-18

RR : B-C

WG : A-B

Noise : B

High >>>
Performance


Sedan


Hatchback car

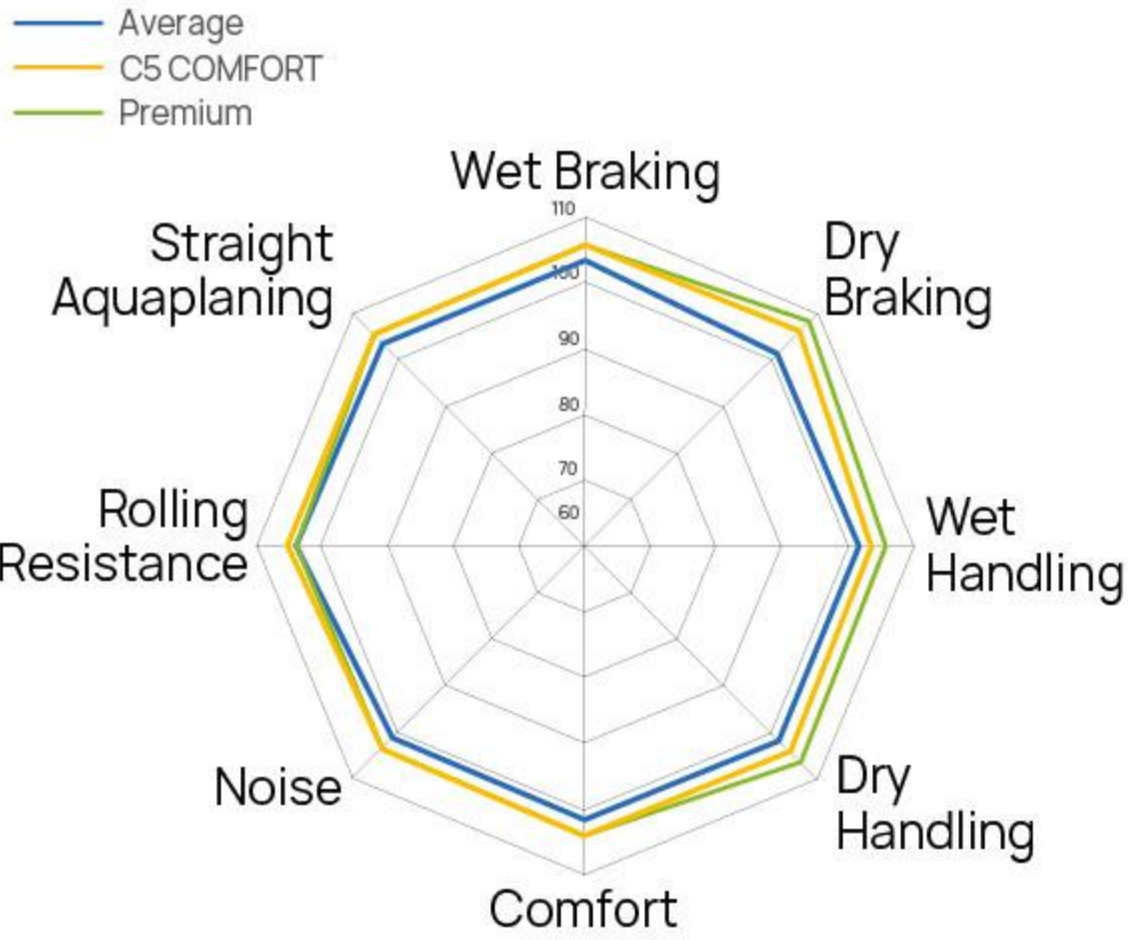




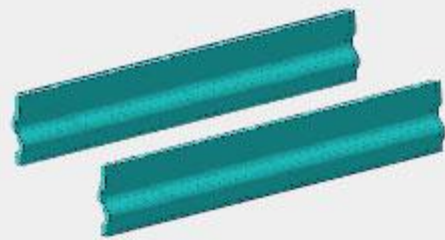
Matte Embossed Logo
The tire features a matte embossed Logo for a premium look.



Performance Ratings



Remark: Test size: 215/55R17 Vehicle: Volkswagen AG Model Passat TSI 190hp Engine 2.0 turbo
Temperature: 21°C SHANDONG IDIADA AUTOMOBILE AND TIRE TESTING FIELD



3D Sipes Design
Optimised longitudinal and transverse stiffness of the pattern block ensuring handling response in every directions.



Considerable Grip
Allowing the tires to provide excellent ride capability, even as the tire wears down throughout its life cycle.

Improved Pattern Block Grounding Shape
To enhance handling and grip.



Noise-optimised Shoulder Design
To reduce air turbulence and control air compression in the groove.



New Pitch Arrangement Design
To reduce pattern noise
Improved pattern block grounding shape to enhance handling and grip.



Further Noise Reduction
Optimised groove misalignment, special groove cut-outs for noise reduction.

Multi Angler Grooves
Variety of trench wall angles for driving flexibility and water dispersion.

C5 COMFORT

Rim Size	Series	Size	LI & SR	XL	STD Rim	Rim Width Min	Rim Width Max	Tread Depth (mm)	Max Load (lbs)	Max Pressure (psi)	Overall Diameter
18	50	225/50R18	99W	XL	7	6	8	7.1	1709	50	683
	55	215/55R18	99V	XL	7	6	7.5	7.1	1709	50	693
	55	225/55R18	102Y	XL	7	6	8	7.1	1874	50	705
17	50	205/50R17	93Y	XL	6.5	5.5	7.5	7.1	1433	50	638
	50	215/50R17	95Y	XL	7	6	7.5	7.1	1521	50	648
	50	225/50ZR17	98Y	XL	7	6	8	7.1	1653	50	658
	55	205/55R17	95W	XL	6.5	5.5	7.5	7.1	1521	50	658
	55	215/55R17	98W	XL	7	6	7.5	7.1	1653	50	668
	55	225/55R17	101Y	XL	7	6	8	7.1	1819	50	680
	55	235/55R17	103W	XL	7.5	6.5	8.5	7.1	1929	50	690
	60	215/60R17	96V		6.5	6	7.5	7.1	1565	44	690
	60	225/60R17	103V	XL	6.5	6	8	7.1	1929	50	702
16	45	195/45R16	84W	XL	6.5	6	7.5	7.1	1102	50	582
	45	205/45R16	87W	XL	7	6.5	7.5	7.1	1201	50	590
	45	215/45R16	90W	XL	7	7	8	7.1	1323	50	600
	50	195/50R16	88V	XL	6	5.5	7	7.1	1235	50	602
	55	195/55R16	91V	XL	6	5.5	7	7.1	1356	50	620
	55	205/55R16	94W	XL	6.5	5.5	7.5	7.1	1477	50	632
	55	215/55R16	97W	XL	7	6	7.5	7.1	1609	50	642
	55	225/55R16	99W	XL	7	6	8	7.1	1709	50	654
	60	205/60R16	96W	XL	6	5.5	7.5	7.1	1565	50	652
	60	215/60R16	99V	XL	6.5	6	7.5	7.1	1709	50	664
	65	215/65R16	102V	XL	6.5	6	7.5	7.1	1874	50	686
15	50	195/50R15	86V	XL	6	5.5	7	7.1	1168	50	577
	55	195/55R15	85V		6	5.5	7	7.1	1135	44	595
	60	195/60R15	88V		6	5.5	7	7.1	1235	44	615
	60	205/60R15	95V	XL	6	5.5	7.5	7.1	1521	50	627
	65	185/65R15	92H	XL	5.5	5	6.5	7.1	1389	50	621
	65	195/65R15	91V		6	5.5	7	7.1	1356	44	635
	65	205/65R15	94V		6	5.5	7.5	7.1	1477	44	647

A5 ALL SEASON TOURING

The A5 Touring tire is an All-Season tire that delivers a long-lasting, comfortable ride by offering confidence inspired handling and stability, day in and day out. It offers a limited 70K Mileage Warranty.



All Season



Comfortable



Wet Braking



Dry Braking



Fuel Efficiency

M+S



Technical Profile >>>

Speed Symbols: H, V

Series: 50-65

Tread Widths: 185-245

Rim Sizes: 15-20

UTQG: 740 A A

Limited Mileage Warranty: 75K miles

Touring >>>



Sedans



Minivans



Crossovers

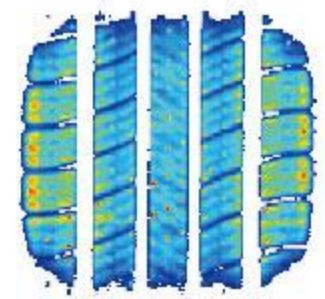


SUVs





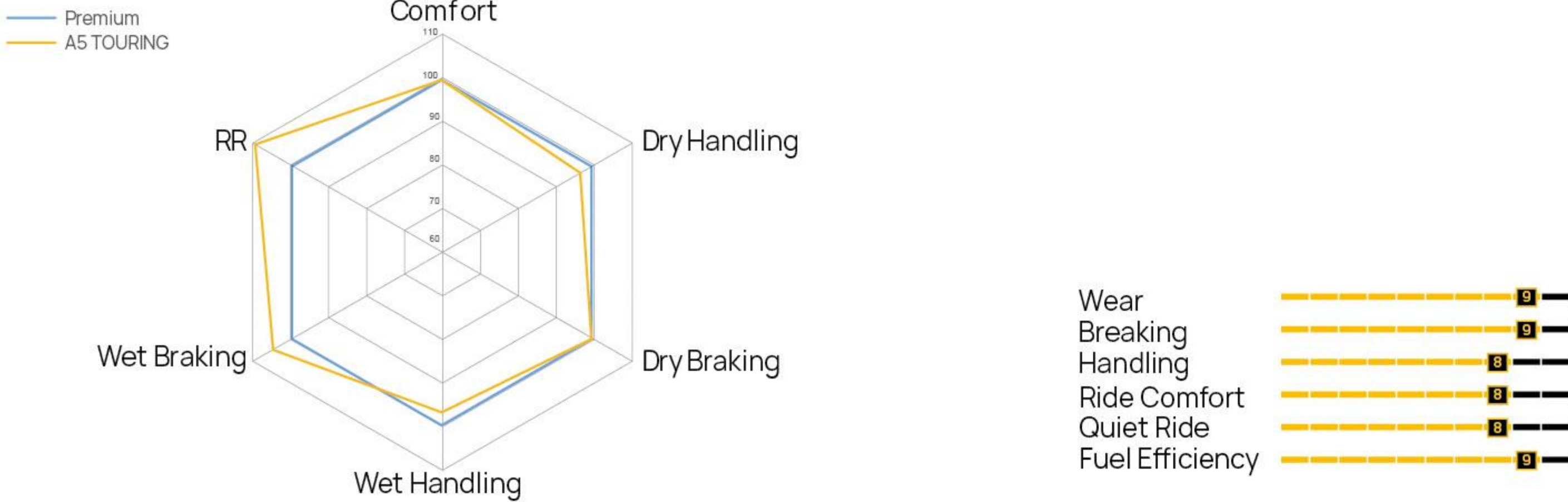
Staggered Tread Elements
Staggered pitch arranged tread pattern effectively reduces noise.



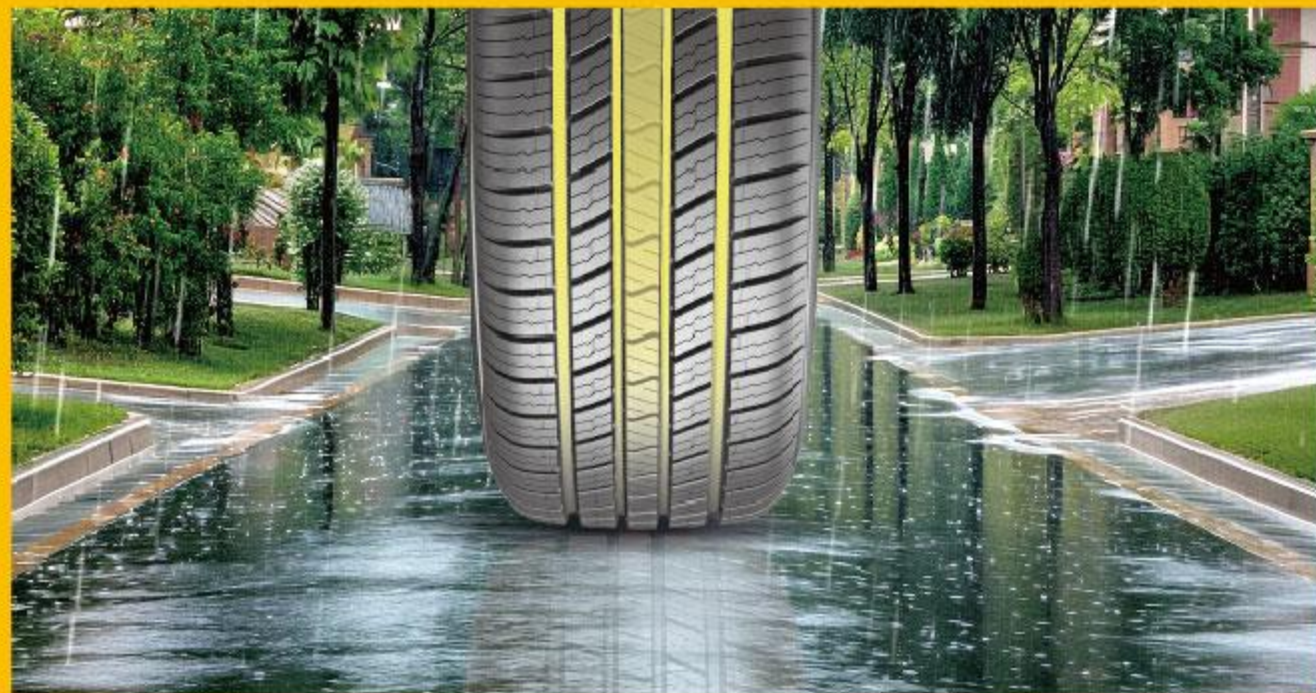
New Generation-Optimized Profile, Structure and Compound
Optimized profile, structure and compound provides a larger footprint which creates uniform wear and higher mileage and reduced rolling resistance for better fuel efficiency.



Performance Ratings



Remark: Test size: 215/55R17 Vehicle: 2024 Toyota Camry 2.0HGVP Luxury Edition E-CVT
Temperature: 27.5-33.4°C SHANDONG IDIADA AUTOMOBILE AND TIRE TESTING FIELD



Four Straight Wide Grooves and Lateral Grooves
Moves water away quickly, provides better wet braking performance and hydroplaning resistance.

Central Rib Design
The center rib provides a reinforced rigid connection between the pattern blocks, which ensures good linear control. The transverse groove quickly evacuates water, providing excellent wet handling.

New Generation-Optimized Profile, Structure and Compound
Optimized profile, structure and compound provides a larger footprint creating uniform wear and higher mileage.



A5 ALL SEASON TOURING

Rim Size	Series	Size	LI & SR	XL	STD Rim	Rim Width Min	Rim Width Max	Tread Depth (mm)	Max Load (lbs)	Max Pressure (psi)	Overall Diameter	UTQG	Limited Mileage Warranty
20	50	245/50R20	102V		7.5	7	8.5	8.3	1874	44	754	740/A/A	75K
	55	235/55R20	102V		7.5	6.5	8.5	8.3	1874	44	766	740/A/A	75K
19	55	225/55R19	99V		7	6	8	8.3	1709	44	731	740/A/A	75K
	55	235/55R19	105V	XL	7.5	6.5	8.5	8.3	2039	50	741	740/A/A	75K
18	50	225/50R18	95V		7	6	8	8.3	1521	44	683	740/A/A	75K
	50	235/50R18	97V		7.5	6.5	8.5	8.3	1609	44	693	740/A/A	75K
	55	215/55R18	95H		7	6	7.5	8.3	1521	44	693	740/A/A	75K
	55	225/55R18	98V		7	6	8	8.3	1653	44	705	740/A/A	75K
	55	235/55R18	100V		7.5	6.5	8.5	8.3	1764	44	715	740/A/A	75K
	60	225/60R18	100H		6.5	6	8	8.3	1764	44	727	740/A/A	75K
17	60	235/60R18	107V	XL	7	6.5	8.5	8.3	2149	50	739	740/A/A	75K
	50	205/50R17	89V		6.5	5.5	7.5	8.3	1279	44	638	740/A/A	75K
	50	215/50R17	93V		7	6	7.5	8.3	1433	44	648	740/A/A	75K
	50	225/50R17	94V		7	6	8	8.3	1477	44	658	740/A/A	75K
	50	235/50R17	96V		7.5	6.5	8.5	8.3	1565	44	668	740/A/A	75K
	55	215/55R17	94V		7	6	7.5	8.3	1477	44	668	740/A/A	75K
	55	225/55R17	97V		7	6	8	8.3	1609	44	680	740/A/A	75K
	55	235/55R17	99V		7.5	6.5	8.5	8.3	1709	44	690	740/A/A	75K
	60	215/60R17	96H		6.5	6	7.5	8.3	1565	44	690	740/A/A	75K
	60	225/60R17	99H		6.5	6	8	8.3	1709	44	702	740/A/A	75K
	60	235/60R17	102H		7	6.5	8.5	8.3	1874	44	714	740/A/A	75K
	65	215/65R17	99H		6.5	6	7.5	8.3	1709	44	712	740/A/A	75K
16	65	225/65R17	102H		6.5	6	8	8.3	1874	44	724	740/A/A	75K
	50	205/50R16	87V		6.5	5.5	7.5	8.3	1201	44	612	740/A/A	75K
	55	195/55R16	87V		6	5.5	7	7.8	1201	44	620	740/A/A	75K
	55	205/55R16	91V		6.5	5.5	7.5	8.3	1356	44	632	740/A/A	75K
	55	215/55R16	97H	XL	7	6	7.5	8.3	1609	50	642	740/A/A	75K
	60	205/60R16	92V		6	5.5	7.5	8.3	1389	44	652	740/A/A	75K
	60	215/60R16	95V		6.5	6	7.5	8.3	1521	44	664	740/A/A	75K
	60	225/60R16	98H		6.5	6	8	8.3	1653	44	676	740/A/A	75K
	65	205/65R16	95H		6	5.5	7.5	8.3	1521	44	672	740/A/A	75K
	65	215/65R16	98H		6.5	6	7.5	8.3	1653	44	686	740/A/A	75K
	65	225/65R16	100H		6.5	6	8	8.3	1764	44	698	740/A/A	75K
	65	235/65R16	103H		7	6.5	8.5	8.3	1929	44	712	740/A/A	75K
15	60	195/60R15	88H		6	5.5	7	7.8	1235	44	615	740/A/A	75K
	65	185/65R15	88H		5.5	5	6.5	7.8	1235	44	621	740/A/A	75K
	65	195/65R15	91H		6	5.5	7	7.8	1356	44	635	740/A/A	75K
	65	205/65R15	94H		6	5.5	7.5	8.3	1477	44	647	740/A/A	75K

S5 ^{SUV} SPORT

Excellent dry grip and wet braking performance.

Excellent steering angle for cornering, giving confidence in stable handling, even at high speeds.



Summer



Sporty



Wet Braking



Dry Braking



Handling



Technical Profile >>>

Speed Symbols: V, W, Y Series: 40-55
Tread Widths: 225-285 Rim Sizes: 18-20
RR : B-C WG : A Noise : B



SUV-Ultra >>>
High Performance



SUV





The Transverse Grooves
On the inner tire shoulder are connected to enhance inner water dispersion performance and ensure handling performance.



The Bottom of the Inner Tread Grooves
Features noise-reducing ripples, which disrupt airflow paths and increase reflection paths, thereby reducing noise energy.

Closed Transverse Grooves
On the outer shoulder block noise propagation from the tread center to the shoulders, reducing pass-by noise while ensuring the rigidity of the shoulder tread blocks, thereby improving handling performance.

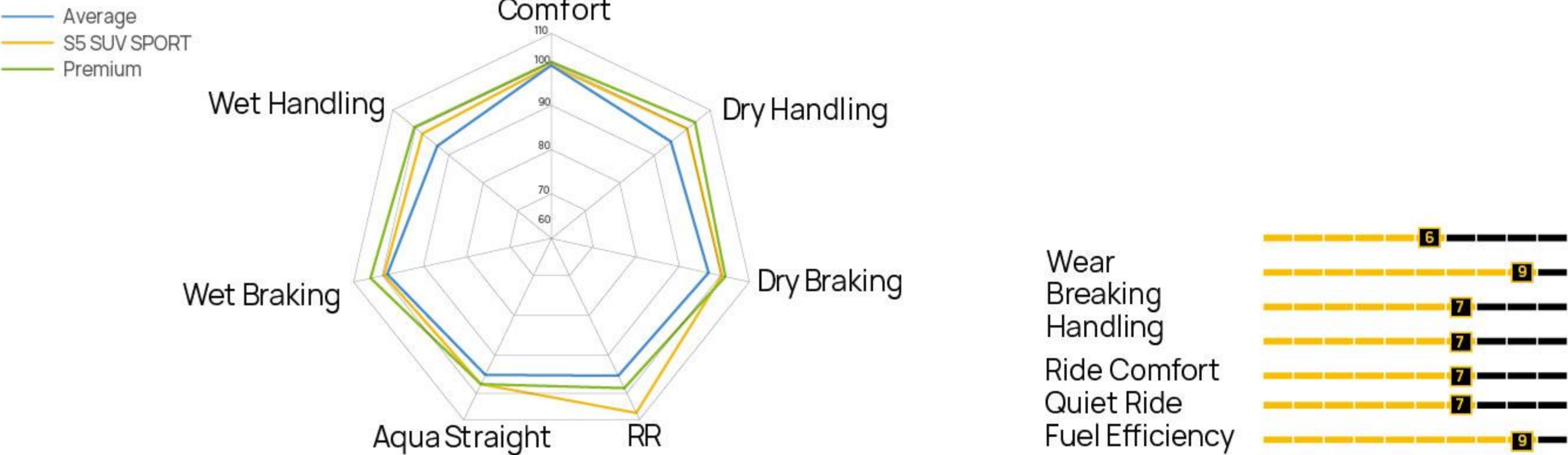


Extensive use of Agile Chamfer Design in Transverse Grooves
Increases the contact area during braking or acceleration, prevents tread block edge curling, and enhances handling performance.

S5 SUV SPORT

Rim Size	Series	Size	LI & SR	XL	STD Rim	Rim Width Min	Rim Width Max	Tread Depth (mm)	Max Load (lbs)	Max Pressure (psi)	Overall Diameter
20	40	275/40R20	106Y	XL	9.5	9	11	7.4	2094	50	728
	45	245/45R20	103Y	XL	8	7.5	9	7.4	1929	50	728
	45	255/45R20	105Y	XL	8.5	8	9.5	7.4	2039	50	738
	45	275/45R20	110Y	XL	9	8.5	10.5	7.4	2337	50	756
	50	285/50R20	116W	XL	9	8	10	7.8	2756	50	794
19	45	235/45R19	99Y	XL	8	7.5	9	7.4	1709	50	695
	45	255/45R19	104Y	XL	8.5	8	9.5	7.4	1984	50	713
	50	255/50R19	107Y	XL	8	7	9	7.4	2149	50	739
	55	225/55R19	103V	XL	7	6	8	7.4	1929	50	731
	55	235/55R19	105W	XL	7.5	6.5	8.5	7.4	2039	50	741
18	50	235/50R18	101Y	XL	7.5	6.5	8.5	7.4	1819	50	693
	55	235/55R18	104W	XL	7.5	6.5	8.5	7.4	1984	50	715

Performance Ratings



Remark: Test size: 235/55R18 Vehicle: Volkswagen AG Model Tiguan 330 TSI SWB Engine 2.0 turbo
Temperature: 21°C SHANDONG IDIADA AUTOMOBILE AND TIRE TESTING FIELD



Four Wide Main Grooves
With a 2% increase in width compared to conventional designs, enhance hydroplaning resistance.

Transverse Grooves
In the later stages of wear, transverse grooves and sipes can still effectively penetrate the water film, ensuring sufficient wet grip throughout the tires lifecycle.

Dry Handling Performance
The outer main groove incorporates interlocking support blocks to enhance the rigidity of the outer tread blocks, improving dry handling performance.

H5^{HT} COMFORT

The H5 COMFORT HT has an excellent 65K Limited Mileage Warranty and is M+S rated for superior handling and performance.



All Season



Highway Terrain



Wet Braking



Dry Braking

M+S



Technical Profile >>>

Speed Symbols: S, T, H, V

Series: 50-75

Tread Widths: 215 - 275

Rim Sizes: 15-20

UTQG: 700 A A

Limited Mileage Warranty: PC-65K miles, LT-50K miles

Highway >>>
Terrain



SUV



Pickup





H5^{HT} COMFORT

Finite Element Analysis Simulation
FEA is utilized to optimize the pattern pitch sequences, reducing noise and delivering a quiet and comfortable ride.

Optimized Profile Design
This optimized profile design offers a wide footprint with a large ground contact which enhances stability and control.



Horizontal Grooves and 3D Sipe Design
This pattern design improves water evacuation provides excellent wet weather performance.



Reinforced Rib Design
The center rib improves the tire's rigidity, providing excellent handing and straight-line stability.



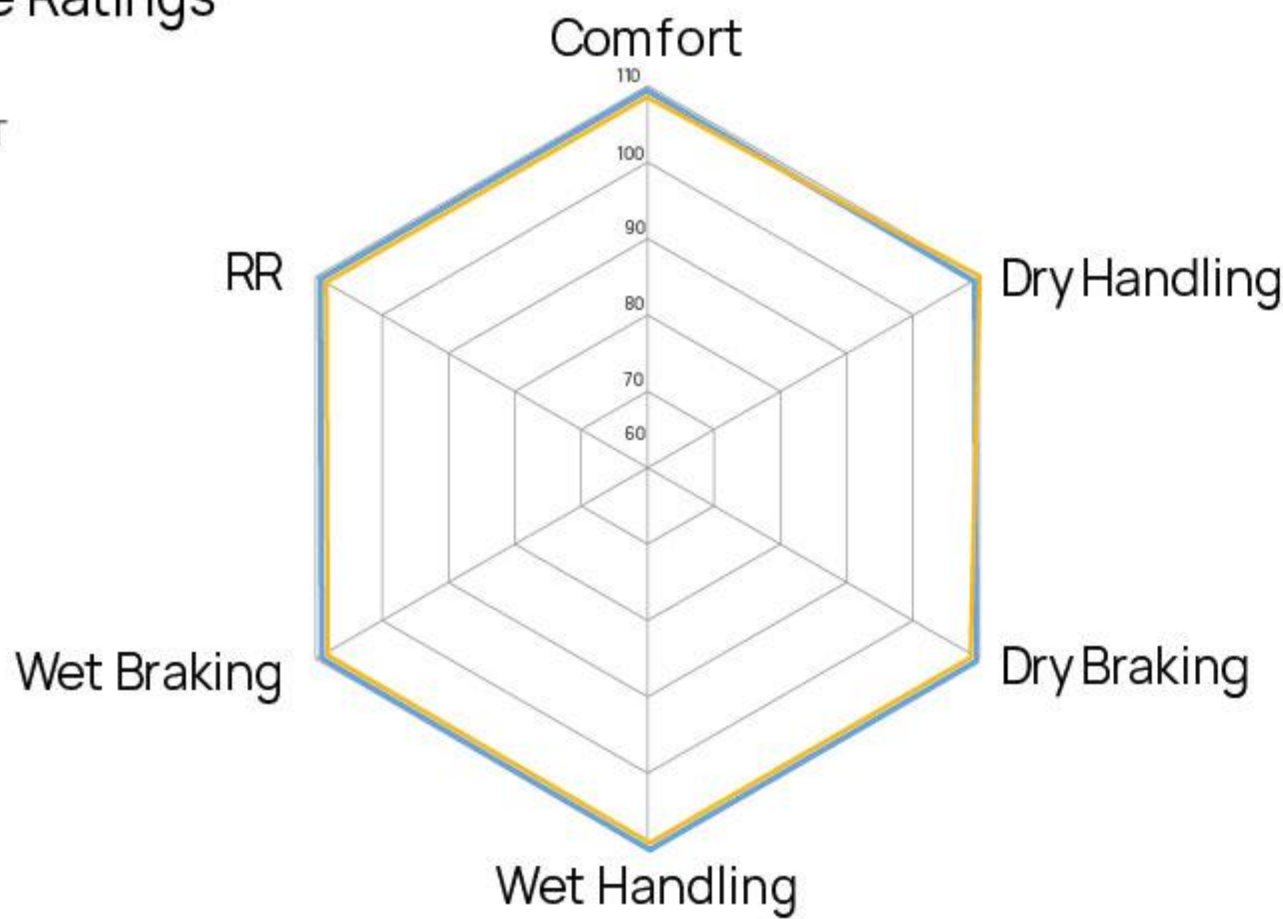
Four Winding Grooves (Missing the picture)
This groove configuration improves water dispersion providing better grip on wet roads.

New Compound
The new, improved compound improves mileage and the overall durability of the tire.



Performance Ratings

Premium
H5 COMFORT



Remark: Test size: 275/55R20 Vehicle: 2022 Lincoln Navigator Presidential Edition
Temperature: 27.5-32.9°C SHANDONG IDIADA AUTOMOBILE AND TIRE TESTING FIELD

Rim Size	Series	Size	LI & SR	XL	STD Rim	Rim Width Min	Rim Width Max	Tread Depth (mm)	Max Load (lbs)	Max Pressure (psi)	Overall Diameter	UTQG	Limited Mileage Warranty
20	50	255/50R20	105V		8	7	9	9.8	2039	44	764	700/A/A	65K
	50	265/50R20	107V		8.5	7.5	9.5	9.8	2149	44	774	700/A/A	65K
	55	255/55R20	110V	XL	8	7	9	10.1	2337	50	788	700/A/A	65K
	55	275/55R20	113H		8.5	7.5	9.5	10.1	2535	44	810	700/A/A	65K
	60	275/60R20	115H		8	7.5	9.5	10.1	2679	44	838	700/A/A	65K
19	55	245/55R19	103V		7.5	7	8.5	9.8	1929	44	753	700/A/A	65K
	60	255/60R19	109H		7.5	7	9	9.8	2271	44	789	700/A/A	65K
18	55	255/55R18	109V	XL	8	7	9	9.8	2271	50	737	700/A/A	65K
	60	235/60R18	103V		7	6.5	8.5	9.8	1929	44	739	700/A/A	65K
	60	245/60R18	105H		7	7	8.5	9.8	2039	44	751	700/A/A	65K
	60	265/60R18	110H		8	7.5	9.5	10.1	2337	44	775	700/A/A	65K
	65	235/65R18	106V		7	6.5	8.5	9.8	2094	44	763	700/A/A	65K
	65	255/65R18	111H		7.5	7	9	10.1	2403	44	789	700/A/A	65K
	65	265/65R18	114H		8	7.5	9.5	10.1	2601	44	801	700/A/A	65K
	65	275/65R18	116H		8	7.5	9.5	10.1	2756	44	815	700/A/A	65K
17	65	225/65R17	102H		6.5	6	8	9.8	1874	44	724	700/A/A	65K
	65	235/65R17	104H		7	6.5	8.5	9.8	1984	44	738	700/A/A	65K
	65	245/65R17	107H		7	7	8.5	9.8	2149	44	750	700/A/A	65K
	65	255/65R17	110T		7.5	7	9	10.1	2337	44	764	700/A/A	65K
	65	265/65R17	112T		8	7.5	9.5	10.1	2469	44	776	700/A/A	65K
	70	245/70R17	110T		7	6.5	8	10.1	2337	44	776	700/A/A	65K
	70	255/70R17	112T		7.5	6.5	8.5	10.1	2469	44	790	700/A/A	65K
	70	265/70R17	115T		8	7	9	10.1	2679	44	804	700/A/A	65K
16	70	215/70R16	100H		6.5	5.5	7	9.8	1764	44	708	700/A/A	65K
	70	225/70R16	103H		6.5	6	7.5	9.8	1929	44	722	700/A/A	65K
	70	235/70R16	106T		7	6	8	9.8	2094	44	736	700/A/A	65K
	70	245/70R16	107T		7	6.5	8	9.8	2149	44	750	700/A/A	65K
	70	255/70R16	111T		7.5	6.5	8.5	10.1	2403	44	764	700/A/A	65K
	70	265/70R16	112T		8	7	9	10.1	2469	44	778	700/A/A	65K
	70	275/70R16	114H		8	7	9	10.1	2601	44	792	700/A/A	65K
	75	245/75R16	111T		7	6.5	8	10.1	2403	44	774	700/A/A	65K
15	75	265/75R16	116T		7.5	7	9	10.1	2756	44	804	700/A/A	65K
	75	235/75R15	109T	XL	6.5	6	8	9.8	2271	50	733	700/A/A	65K

Rim Size	Series	Size	LI & SR	Load Range / Ply Rating	STD Rim	Rim Width Min	Rim Width Max	Tread Depth (mm)	Max Load (lbs)	Max Pressure (psi)	Overall Diameter	UTQG	Limited Mileage Warranty
18	70	LT265/70R18	124/121S	10PR	8	7	9	12.1	3525/3195	80	829	/	50K
17	70	LT245/70R17	119/116S	10PR	7	6.5	8	11.8	3000/2755	80	776	/	50K
	70	LT265/70R17	123/120S	10PR	8	7	9	11.8	3415/3085	80	804	/	50K
	75	LT245/75R17	121/118S	10PR	7	6.5	8	11.8	3195/2910	80	800	/	50K
	80	LT235/80R17	120/117S	10PR	6.5	6	7.5	11.8	3085/2835	80	808	/	50K
16	75	LT225/75R16	115/112S	10PR	6	6	7.5	11.8	2680/2470	80	744	/	50K
	75	LT245/75R16	120/116S	10PR	7	6.5	8	11.8	3042/2778	80	774	/	50K
	75	LT265/75R16	123/120S	10PR	7.5	7	9	12.1	3415/3085	80	804	/	50K
	65	235/65R16C	121/119S	10PR	7	6.5	7.5	9.5	3195/3000	83	712	/	50K

X5 AT

The X5 AT provides the perfect combination of attributes for all-terrain use for your pickup truck, CUV or SUV vehicle.

The X5 AT provides all terrain traction as well as responsive on-road handling. It provides an aggressive look and feel without sacrificing performance.



All Season



All-Terrain



Handling



3PMSF

M+S



Technical Profile >>>

Speed Symbols: Q-V

Tread Widths: 225-315

UTQG: 640 A B

Limited Mileage Warranty: PC-60K miles, LT-50K miles

Series: 50-85

Rim Sizes: 15-20

All Terrain >>>



Pickup



SUV





The Profile Technology II

Offers a squared shoulder and a broad footprint, optimizing handling and wear resistance.

The Wide and Winding Main Grooves

Creates enhanced longitudinal drainage, for better traction on wet surfaces providing anti-hydroplaning performance.



Closed or Semi-Closed Lateral Grooves

This groove design on the shoulder blocks reduces the noise from the center of the pattern from spreading outward. They also enhance the rigidity of the shoulder blocks.

The Raised Side Pattern Under the Shoulder

Provides puncture resistance from foreign objects on rough roads. Also reduces sidewall wear and provides additional traction.

The Central Mixed Tread Blocks

Improves All-Terrain performance and provides an excellent highway driving experience.

Staggered Tread Blocks on Shoulders

Provides enhanced traction, off-road performance, stable cornering and reduced noise.

Performance Ratings



Remark: Test size: 265/70R16 Vehicle: 2024 Ford Ranger First Edition
Temperature: 30.5-34.1°C SHANDONG IDIADA AUTOMOBILE AND TIRE TESTING FIELD + off-road field in the wilderness of Anhui.



Upgraded Tread Compound

Ensures dry and wet performance while also having excellent snow performance. Certified 3 Peak Mountain Snowflake symbol for all sizes classifies this tire as an All-Weather tire.

3D Sipes Design

Improves the rigidity of the tread blocks, increases the tread life, and enhances wet and snow performance.

X5 AT

Rim Size	Series	Size	LI & SR	XL	STD Rim	Rim Width Min	Rim Width Max	Tread Depth (mm)	Max Load (lbs)	Max Pressure (psi)	Overall Diameter	UTQG	Limited Mileage Warranty
20	50	265/50R20	107V		8.5	7.5	9.5	10.6	2149	44	774	640/A/B	60K
	55	275/55R20	113H		8.5	7.5	9.5	10.6	2535	44	810	640/A/B	60K
	60	275/60R20	115H		8	7.5	9.5	10.6	2679	44	838	640/A/B	60K
18	60	265/60R18	114H	XL	8	7.5	9.5	10.6	2601	50	775	640/A/B	60K
	65	265/65R18	114T		8	7.5	9.5	10.6	2601	44	801	640/A/B	60K
	65	275/65R18	116H		8	7.5	9.5	10.6	2756	44	815	640/A/B	60K
17	65	245/65R17	111T	XL	7	7	8.5	10.6	2403	50	750	640/A/B	60K
	65	265/65R17	116T	XL	8	7.5	9.5	10.6	2756	50	776	640/A/B	60K
	70	245/70R17	114T	XL	7	6.5	8	10.6	2601	50	776	640/A/B	60K
	70	265/70R17	115T		8	7	9	10.6	2679	44	804	640/A/B	60K
16	70	235/70R16	109T	XL	7	6	8	10.6	2271	50	736	640/A/B	60K
	70	245/70R16	111T	XL	7	6.5	8	10.6	2403	50	750	640/A/B	60K
	70	255/70R16	115T	XL	7.5	6.5	8.5	10.6	2679	50	764	640/A/B	60K
	70	265/70R16	112T		8	7	9	10.6	2469	44	778	640/A/B	60K
	75	245/75R16	111T		7	6.5	8	10.6	2403	44	774	640/A/B	60K
	75	265/75R16	116T		7.5	7	9	10.6	2756	44	804	640/A/B	60K
15	75	235/75R15	109T	XL	6.5	6	8	10.6	2271	50	733	640/A/B	60K

Rim Size	Series	Size	LI & SR	Load Range /Ply Rating	STD Rim	Rim Width Min	Rim Width Max	Tread Depth (mm)	Max Load (lbs)	Max Pressure (psi)	Overall Diameter	UTQG	Limited Mileage Warranty
20	65	LT275/65R20	126/123S	E	8	8	9.5	13.3	3750/3415	80	866	/	50K
18	65	LT275/65R18	123/120S	E	8	8	9.5	13.3	3415/3085	80	801	/	50K
	70	LT265/70R18	124/121S	E	8	7	9	13.3	3525/3195	80	829	/	50K
	70	LT275/70R18	125/122S	E	8	7	9	13.3	3640/3305	80	843	/	50K
17	70	LT245/70R17	119/116S	E	7	6.5	8	13.3	3000/2755	80	776	/	50K
	70	LT265/70R17	121/118S	E	8	7	9	13.3	3195/2910	80	804	/	50K
	70	LT285/70R17	121/118S	E	8.5	7	9.5	13.3	3195/2910	80	832	/	50K
	70	LT315/70R17	126/123S	E	9.5	8	10.5	13.3	3750/3415	80	874	/	50K
	75	LT245/75R17	121/118S	E	7	6.5	8	13.3	3195/2910	80	800	/	50K
	80	LT235/80R17	120/117R	E	6.5	6	7.5	13.3	3085/2835	80	808	/	50K
16	75	LT225/75R16	115/112S	E	6	6	7.5	13.3	2680/2470	80	744	/	50K
	75	LT245/75R16	120/116S	E	7	6.5	8	13.3	3042/2778	80	774	/	50K
	75	LT265/75R16	123/120S	E	7.5	7	9	13.3	3415/3085	80	804	/	50K
	75	LT285/75R16	126/123R	E	8	7.5	9.5	13.3	3750/3415	80	834	/	50K
	85	LT235/85R16	120/116S	E	6.5	6	7.5	13.3	3042/2778	80	806	/	50K
15	75	31×10.50R15LT	109Q	C	8.5	7	9	13.3	2270	50	775	/	50K

UTQG LEGEND

Tire Grades: Uniform Tire Quality Grading System or UTQG

Except for winter, light truck and trailer tires, the Department of Transportation requires tire manufacturers to grade passenger car tires based on three performance factors: treadwear, traction and temperature resistance. The UTQG rating of each BLACKLION tire is listed in this catalog.

Treadwear • More than 100 – Better • 100 – Baseline • Less than 100 – Poorer	The treadwear grade is a comparative rating based on the wear rate of the tire when tested for 7,200 miles on a government specified course. A tire graded 200 would wear twice as long on the government specified course as one graded 100. (Actual tire mileage may vary.) Note: Treadwear grade is valid only for comparisons within a manufacturer's product line, not between manufacturers. For example, a 700 rating from one tire manufacturer is not necessarily better than a 600 from another.
Traction • AA • A • B • C	Traction grades, from highest to lowest, are AA, A, B and C. They represent the tire's ability to stop on wet pavement as measured under controlled conditions on specified government test surfaces of asphalt and concrete. The traction grades are based upon "straight ahead" braking tests. They do not indicate cornering ability or resistance to hydroplaning.
Temperature • A – Best • B – Intermediate • C – Acceptable	Temperature grades represent the tire's resistance to heat generated by running at high speed. Sustained high temperatures can cause the materials of the tire to degenerate and thus reduce tire life. Excessive temperatures can lead to tire failure. Federal Motor Vehicle Safety Standards require that all passenger tires meet at least the minimal level of performance—Grade C.

NUMERICAL RATING SCALE

1 = Lower Performance | 10 = Higher Performance

The rating scale can help you compare tires within each category. However, using the scale to distinguish between tires across different types of categories would be misleading. For example, utilizing the rating scale to compare a passenger tire to a performance tire will not generate an accurate comparison.

SIDEWALL EXPLANATION

BSW = Black Sidewall

OWL = Outlined White Letters

RWL = Raised White Letters



SPEED RATINGS*

Speed ratings are indicated as follows:

Speed Symbol	Maximum Speed	Open-Ended Speed Category
L	120 km/h (75 mph)	
M	130 km/h (81 mph)	
N	140 km/h (87 mph)	
P	150 km/h (93 mph)	
Q	160 km/h (99 mph)	
R	170 km/h (106 mph)	
S	180 km/h (112 mph)	
T	190 km/h (118 mph)	
U	200 km/h (124 mph)	
H	210 km/h (130 mph)	
V	240 km/h (149 mph)	ZR**
W	270 km/h (168 mph)	
Y	300 km/h (186 mph)	
(Y)**	Above 300 km/h (186 mph)	

JINYU TIRE GROUP does not recommend the use of any of its products in excess of the legal speed limits.
"Per the TRA 2016 yearbook, for tires having a maximum speed capability above 240 kph (149 mph) , a "ZR" may appear in the size designation. For tires having a maximum speed capability above 300 kph (186 mph) , a "ZR" must appear in the size designation and a Service Description, including the Y Speed Symbol, must be included in brackets.

Many BLACKLION tires are available in speed-rated versions to match the speed capabilities of the world's fastest cars. Generally, it is recommended that a speed-rated tire be replaced with a tire having an equivalent or greater speed rating. In situations where tires having different top-speed ratings are mixed on a vehicle, the maximum speed certification is limited to the top-speed certification of the tire with the lowest speed rating. Speed ratings do not indicate how well a tire handles or corners. They only certify a tire's ability to withstand high speed.

⚠ WARNING

Vehicle handling, traction, ride comfort and other performance parameters may be significantly affected by a change in tire size or type. Before replacing tires, always consult and follow the vehicle owner's manual because some vehicle manufacturers prohibit changing tire size. When selecting tires that are different from the original equipment size make certain: (1) The tires have adequate load-carrying capacity based on the vehicle placard, (2) The tires have sufficient inflation pressure to carry the load, (3) There is proper clearance with no interference points between the tire and vehicle. The consumer must be aware to always drive safely and obey all traffic laws. Avoid sudden, sharp turns or lane changes. Failure to follow any of these warnings may result in loss of control of the vehicle, leading to an accident and serious injury or death.

LOAD INDEX

WARNING: DO NOT OVERLOAD TIRES. OVERLOADING TIRES CAN RESULT IN TIRE FAILURE, PERSONAL INJURY AND/OR DEATH.

The load index is a numerical code associated with the maximum load a tire can carry at the speed indicated by its Speed Symbol under specified service conditions up to 210 km/h (130 mph). Check the doorjamb or owner's manual to determine the maximum vehicle load.

** SAFETY WARNING **

Serious injury may result from:

- Tire failure due to underinflation/overloading - follow the owner's manual or tire placard in vehicle.
- Explosion of tire/rim assembly due to improper mounting - only specially trained persons should mount tires.
- Do not spin wheels in excess of 35 mph as indicated on the speedometer. Personal injury and severe damage may result from excessive wheel spinning, including tire disintegration or axle failure.

PROTECT YOUR TIRE INVESTMENT - REGISTER YOUR NEW TIRES.

LOAD INDEX AND LOAD					
Load Index	Load		Load Index	Load	
	Passenger	Light Truck		Passenger	Light Truck
79	437 kg (963 lbs.)	437 kg (965 lbs.)	105	925 kg (2039 lbs.)	925 kg (2040 lbs.)
80	450 kg (992 lbs.)	450 kg (990 lbs.)	106	950 kg (2094 lbs.)	950 kg (2095 lbs.)
81	462 kg (1019 lbs.)	462 kg (1020 lbs.)	107	975 kg (2149 lbs.)	975 kg (2150 lbs.)
82	475 kg (1047 lbs.)	475 kg (1045 lbs.)	108	1000 kg (2205 lbs.)	1000 kg (2205 lbs.)
83	487 kg (1074 lbs.)	487 kg (1075 lbs.)	109	1030 kg (2271 lbs.)	1030 kg (2270 lbs.)
84	500 kg (1102 lbs.)	500 kg (1100 lbs.)	110	1060 kg (2337 lbs.)	1060 kg (2335 lbs.)
85	515 kg (1135 lbs.)	515 kg (1135 lbs.)	111	1090 kg (2403 lbs.)	1090 kg (2405 lbs.)
86	530 kg (1168 lbs.)	530 kg (1170 lbs.)	112	1120 kg (2469 lbs.)	1120 kg (2470 lbs.)
87	545 kg (1201 lbs.)	545 kg (1200 lbs.)	113	1150 kg (2535 lbs.)	1150 kg (2535 lbs.)
88	560 kg (1235 lbs.)	560 kg (1235 lbs.)	114	1180 kg (2601 lbs.)	1180 kg (2600 lbs.)
89	580 kg (1279 lbs.)	580 kg (1280 lbs.)	115	1215 kg (2679 lbs.)	1215 kg (2680 lbs.)
90	600 kg (1323 lbs.)	600 kg (1325 lbs.)	116	1250 kg (2756 lbs.)	1250 kg (2755 lbs.)
91	615 kg (1356 lbs.)	615 kg (1355 lbs.)	117	1285 kg (2833 lbs.)	1285 kg (2835 lbs.)
92	630 kg (1389 lbs.)	630 kg (1390 lbs.)	118	1320 kg (2910 lbs.)	1320 kg (2910 lbs.)
93	650 kg (1433 lbs.)	650 kg (1435 lbs.)	119	1360 kg (2998 lbs.)	1360 kg (3000 lbs.)
94	670 kg (1477 lbs.)	670 kg (1475 lbs.)	120	1400 kg (3086 lbs.)	1400 kg (3085 lbs.)
95	690 kg (1521 lbs.)	690 kg (1520 lbs.)	121	1450 kg (3197 lbs.)	1450 kg (3195 lbs.)
96	710 kg (1565 lbs.)	710 kg (1565 lbs.)	122	1500 kg (3307 lbs.)	1500 kg (3305 lbs.)
97	730 kg (1609 lbs.)	730 kg (1610 lbs.)	123	1550 kg (3417 lbs.)	1550 kg (3415 lbs.)
98	750 kg (1653 lbs.)	750 kg (1655 lbs.)	124	1600 kg (3527 lbs.)	1600 kg (3525 lbs.)
99	775 kg (1709 lbs.)	775 kg (1710 lbs.)	125	1650 kg (3638 lbs.)	1650 kg (3640 lbs.)
100	800 kg (1764 lbs.)	800 kg (1765 lbs.)	126		1700 kg (3750 lbs.)
101	825 kg (1819 lbs.)	825 kg (1820 lbs.)	127		1750 kg (3860 lbs.)
102	850 kg (1874 lbs.)	850 kg (1875 lbs.)	128		1800 kg (3970 lbs.)
103	875 kg (1929 lbs.)	875 kg (1930 lbs.)	129		1850 kg (4080 lbs.)
104	900 kg (1984 lbs.)	900 kg (1985 lbs.)	130		1900 kg (4190 lbs.)

Note: for European-Metric passenger tires, reference "Passenger" load; for tires marked with prefixes "LT" or "ST" or suffixes "LT" or "C", reference "Light Truck" load.

Examples: Many vehicles, such as large passenger vans, require Load Range E tires as designated by the vehicle manufacturer. Fitment of a tire with less carrying capacity, such as Load Range D, is not allowed. In other cases, tires of the same size may carry different load indexes in the service description. You must make certain the replacement tires fitted to the vehicle have a load-carrying capacity equal to or greater than what the original equipment manufacturer specifies.

NOTE: BLACKLION manufactured and/or marketed European-Metric passenger tires and P-Metric passenger tires are interchangeable as long as they have the same section width, same aspect ratio, same rim diameter. Conversely, JINYU manufactured and/or marketed P-Metric passenger tires and European-Metric passenger tires are interchangeable as long as they have the same section width, same aspect ratio, same rim diameter.

Caution: Never substitute a "Standard Load" (SL) tire for an "Extra Load" (XL) tire. If the vehicle was originally equipped with "Extra Load" (XL) tires, replace those tires with similar sized XL tires.

NEVER FIT TIRES TO A VEHICLE THAT MAY HAVE LESS LOAD-CARRYING CAPACITY THAN REQUIRED BY THE ORIGINAL EQUIPMENT MANUFACTURER.

HOW TO READ A SIDEWALL

225/50ZR17	225/50ZR17	225/50ZR17	225/50ZR17
Nominal cross-section width of tires in millimeters.	Ratio of height to cross-section width (i.e., aspect ratio).	R-Radial: Every radial construction tire must also show the word "radial" on the sidewall.	Rim diameter (in inches).

TREADWEAR 340
TRACTION A
TEMPERATURE A

Treadwear, Traction and Temperature Grades:
Tire information system that provides ratings on the tire's wear rate, ability to stop on wet pavement and resistance to heat.

TIRE CONSTRUCTION MATERIALS

Tire-Ply Composition and Materials Used:
The number of plies and material type underneath the tread and in the sidewall.



DOT XXXX

U.S. DOT Safety Standard Code:
The DOT symbol certifies the tire manufacturer's compliance with U.S. Department of Transportation (U.S. DOT) and Transport Canada tire safety performance standards.

750 KG
MAX LOAD

Max. Cold-Inflation Load Limit:
Indicates load limits and maximum cold-inflation pressure.

98Y

Service Description:
Includes the load index (a numeric value associated with the load capacity) and speed symbol (alpha character).

Tyre Labelling

Disregarding any of the safety precautions and instructions contained in this information. Sheet may result in tyre failure or explosion causing serious personal injury or death.



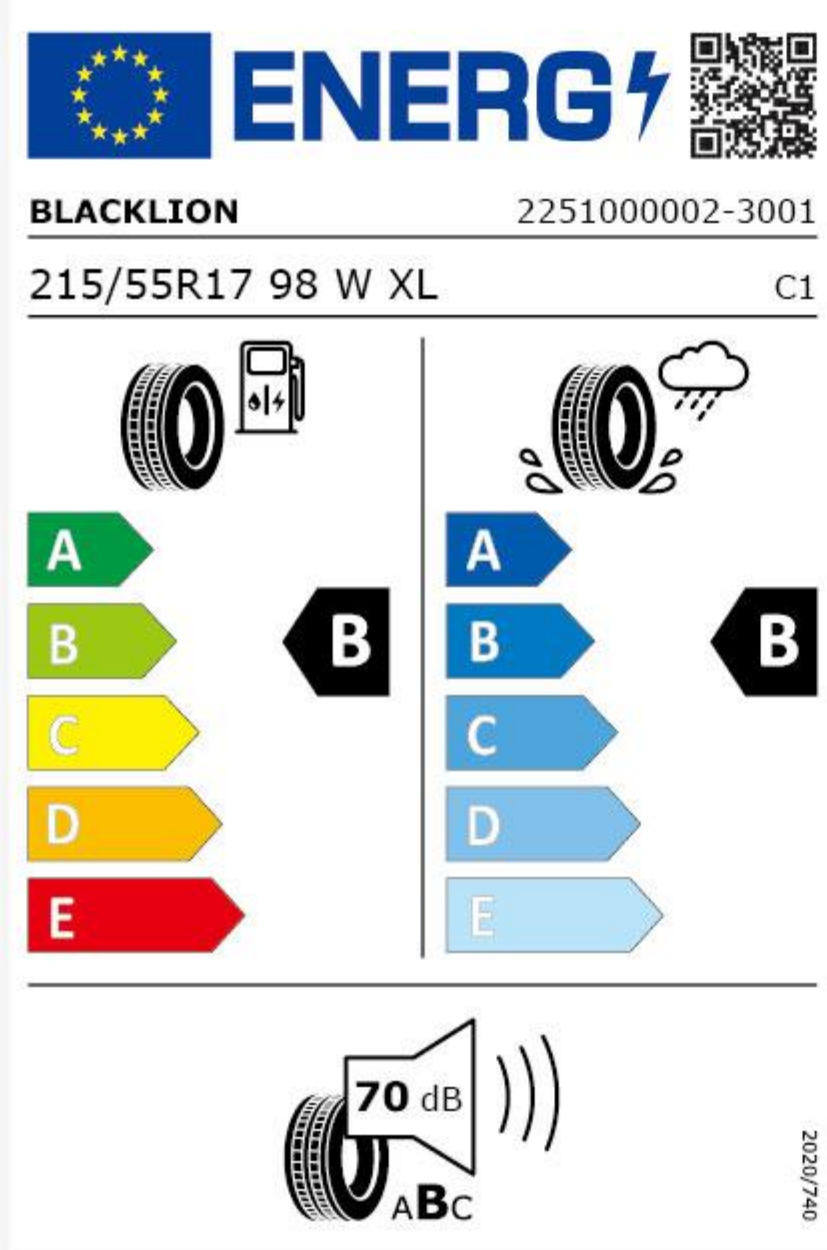
TYRE LABELS

EU Tyre Label

The EU tyre labelling system provides customers with valuable information on tyres, including important data on performance, energy efficiency and environmental friendliness. Regulations require tyre manufacturers to declare fuel efficiency, wet grip rating and external rolling noise performance for C1, C2 and C3 tyres (i.e. tyres mainly fitted on passenger cars, and on light and heavy duty vehicles). In the past a lack of reliable and comparable information on the performance of tyres made it difficult for consumers to take these elements into account in their purchasing decision, especially when replacing a used set of tyres. From 1st November 2012 tyre performance data was displayed at the point of sale and on all technical promotional literature such as catalogues, leaflets and web-based marketing. With the EU Regulation 2020/740, effective from 1st May 2021, a new logo design is implemented. The aim is to lead a market transformation towards a more fuel-efficient, safe and low-noise tyre, beyond the standards already achieved. It will also pave the way for competition to run on tyre performance and price, which will in turn stimulate investment in research and development. (Source: European Commission)

The New EU Tyre Label

The EU is introducing a new labelling scheme for tyres which came into force on 1st May, 2021. BLACKLION is working hard to provide useful information to customers in adopting the tyre labelling regulation.



< From May 2021 >



New Tyre Identification System

- 1. QR Code
The QR Code allows access to the EU's product database EPREL, where customers can check the more detailed product information sheet.
- 2. Tyre Type Identifier
The tyre type identifier code enables a clear identification of a product.
- 3. Label Scale :
Class D is no longer empty (for C1&C2 tyres only)
F and G merge to form E.
- 4. New Pictogram
There are new standard for including an additional pictogram.
The snow tyre shows, if a tyre is suitable for severe snow conditions.
The ice pictogram will be included on the new EU tyre label of a C1 class.

Product Information Sheet

The new Product information sheet (PIS) is generated in the EPREL database, based on the information JINYU have reported.

Delegated Regulation (EU) 2020/740

Supplier name or trademark	BLACKLION
Commercial name or trade designation	C5 COMFORT
Tyre type identifier	-
Tyre class	C1
Tyre size designation	215/55ZR17
Speed category symbol	W 270 km/h
Load-capacity index	98
Load version	XL
Fuel efficiency class	B
Wet grip class	B
External rolling noise class	B
External rolling noise value	70 dB
Tyre for use in severe snow conditions	No
Tyre for use in severe ice conditions	No
Date of start of production (Week / Year)	-
Date of end of production (Week / Year)	-
Supplier's address	Rather Strasse 25, 40476 Düsseldorf
Additional information	

Note : The above information is example.

EPREL Database

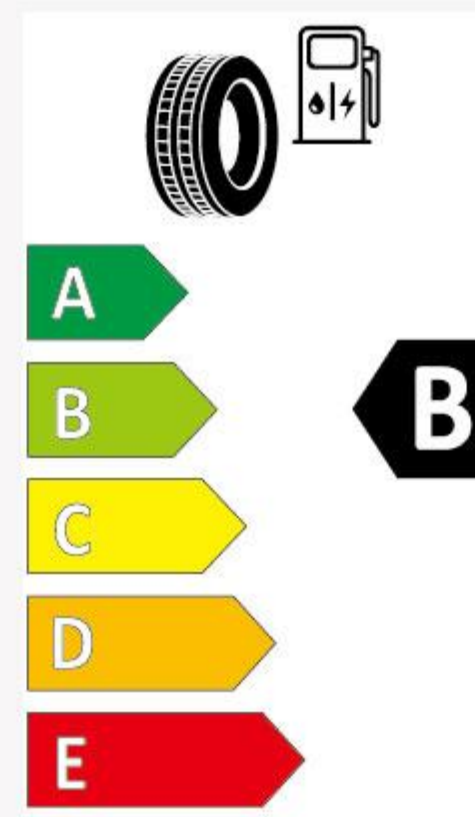
Manufacturers must register information on all products sold in Europe in EPREL. Based on this information, the EPREL database provides the product information sheet and displays the tyre label, for each registered product. Consumers can access the database by scanning the QR code featured on the new EU tyre labels.

- Public Database
Severs with "Public" security classification
- Public Website
Citizens, Resellers, Researchers
- Download Data
Exel format QR codes Pictures

Labelling Criteria

The EU tyre labelling system is implemented by the following criteria:

- 1. Fuel Efficiency
Fuel efficiency is measured by the rolling resistance (RR) of tyres. Rolling resistance is the resistance that occurs when a round object such as a ball or tyre rolls on a flat surface in a steady velocity straight-line motion. It is caused mainly by the deformation of the object, the deformation of the surface, or both.
Additional contributing factors include wheel radius, forward speed, surface adhesion, and relative micro-sliding between the surfaces of contact. It depends very much on the material of the wheel or tyre and the sort of ground.



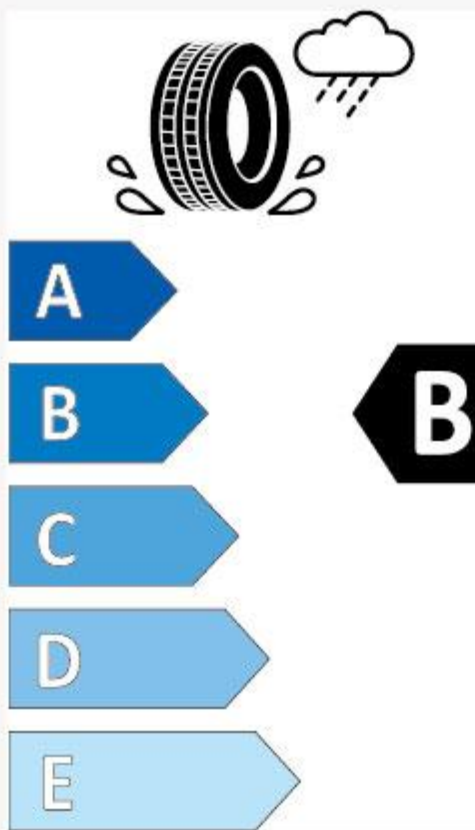
Five classes from E (least efficient) to A (most efficient)
Effects may vary among vehicles and driving conditions, but the difference between an E and an A class for a complete set of tyres could reduce fuel consumption by up to 7.5% and even more in the case of trucks.

Rolling Resistance	C1	C2	C3
A	$RRC \leq 6,5$	$RRC \leq 5,5$	$RRC \leq 4,0$
B	$6,6 \leq RRC \leq 7,7$	$5,6 \leq RRC \leq 6,7$	$4,1 \leq RRC \leq 5,0$
C	$7,8 \leq RRC \leq 9,0$	$6,8 \leq RRC \leq 8,0$	$5,1 \leq RRC \leq 6,0$
D	$9,1 \leq RRC \leq 10,5$	$8,1 \leq RRC \leq 9,0$	$6,1 \leq RRC \leq 7,0$
E	$RRC \geq 10,6$	$RRC \geq 9,1$	$RRC \geq 7,1$

Eco-driving can significantly reduce fuel consumption. Tyre pressure needs to be regularly checked to optimise fuel efficiency. Stopping distances must always be respected.

2. Wet Grip

Wet grip indicates the braking performance of tyres on wet road surfaces and is related to the safety performance of vehicles. Tyres with low rolling resistance have high fuel efficiency, but can have safety problems. This is because tyres with low rolling resistance have low adherence to roads when the roads are wet. Accordingly, the European Council requires tyre companies to provide information about their tyres adherence (or grip) when applying the brakes on wet roads..



Five classes from E (longest braking distances) to A (shortest braking distances)
Effects may vary among vehicles and driving conditions, but in the case of full braking, the difference between an E and an A class for a set of four identical tyres could be up to 30% shorter braking distance (e.g. for a typical passenger car driving at 80 km/h speed this could be up to 18m shorter braking distance).

Wet Grip Class(G)	C1 Tyres	C2 Tyres	C3 Tyres
A	$1.55 \leq G$	$1.40 \leq G$	$1.25 \leq G$
B	$1.40 \leq G \leq 1.54$	$1.25 \leq G \leq 1.39$	$1.10 \leq G \leq 1.24$
C	$1.25 \leq G \leq 1.39$	$1.10 \leq G \leq 1.24$	$0.95 \leq G \leq 1.09$
D	$1.10 \leq G \leq 1.24$	$0.95 \leq G \leq 1.09$	$0.80 \leq G \leq 0.94$
E	$G \leq 1.09$	$G \leq 0.94$	$G \leq 0.79$

Tyre pressure needs to be regularly checked to optimise wet grip. Stopping distances must always be respected.

3. Noise Level

Exterior noise levels are measured in decibel (dB) and are indicated in three categories (A-B-C). In addition to the specification of noise level in Decibels (dB) a pictogram displays whether the tyre external rolling noise performance is above the European mandatory limit value (C = noisier tyre), up to 3 dB below the future limit value (B = average noise level) or more than 3 dB below the future limit value (A = low noise tyre).



4. Winter Characteristics

If a product has the characteristics to be used in winter conditions, a pictogram for snow grip will be added to the EU label sticker. In the case of Nordic PCR (C1) tyres an ice grip logo may be added as well.



Please note : Studded tyres do not receive a tyre label, whereas studdable tyres that are sold without studs do receive a tyre label.