



2015—2016
WINTER
PRODUCT CATALOGUE

The Nankang Story

Over 55 Years of Industrious Work, all Dedicated to Motoring Safety

Nankang is proud of our quality products produced over the years. Yet we never cease to pursue excellence in both our R&D and manufacturing processes.

Nankang Rubber Tire's heritage runs deep; having the longest history among the tire manufacturers in Taiwan. For over 55 years, guided by our corporate motto, "Integrity, Pragmatism, and Innovation", we have persisted in creating performance and growth. In response to increasingly discerning market demands, we have striving aggressively towards our goals of "product innovation with R&D, differentiation from competition, product quality upgrading, customer satisfaction, after-sale service and professional management", in order to offer more and more innovative products.

Over 55 Years of Honour and Recognition, Winning Numerous Awards with our Effort in R&D

Over the past 55 years, our continuous efforts in keeping up with the advancement of technology and product quality control have proven to be fruitful not only in developing many innovative and durable products, but also bringing us numerous global awards in Quality Assurance.

Over 55 Years of Business Splendor, High Time to Turn a New Page

Nankang Rubber Tire's corporate logo has been in use for more than 55 years. Facing increasingly fierce competition from the global tire industry and considering the trend of corporate reforms, in 2010 Nankang embarked upon a review of its corporate identity system "CIS". Through this new project, we aim to build a new Nankang Tire brand image, of world standard. Being able to keep up with the times, the company will proudly move on to the next splendid century of its corporate history.

Mastering the Colourful World Stage with a New CIS

A passionate yet steady symbol, the , represents Nankang Rubber Tire's sustainable business philosophy, and her corporate spirit. Care for the customer is always of paramount importance.

The CIS employs a duo colour combination of red and black. The Red color expresses Nankang's corporate spirit of high passion, respect for customers, energy and vitality. The Black color highlights the strength and stability of her tire business and represents an image of generosity, grandeur, professionalism and trustworthiness.

Whether it be for cruising the highway, striding over an icescape, or conquering a dilapidated off-road track, for Over 55 years, Nankang Tire has offered drivers safe innovative motoring, with a spirit as unbreakable as the tires she manufactures.

From her humble beginnings, Nankang has advanced across five continents, and covered more than 100 countries globally. From tire industry leader in Taiwan, Nankang is now steadily driving her way onto the global stage with unlimited opportunity.

A Smooth Ride All Over the World

It is Nankang Tire's goal to have a smooth ride ("free your way") towards the world stage. In the future, with extraordinary product quality, Nankang's products will certainly have a "smooth ride" in markets all over the world.

Our Commitment to the Environment

Nankang realizes the fact that we are a party of the Earth's Eco system, and so we take pride in our responsibility to provide a better environment for future generations. Our commitment is evident right throughout the manufacturing process. Our raw materials are formulated to lower pollution emissions. As such, our suppliers are required to provide raw materials which conform to all relevant internationally recognized environmental regulations.

Extended Tire Life for Better Value and a Better Environment

Extending the durability of tires not only creates higher economic value for drivers, but also reduces the impact of scrapped tires upon the environment. To achieve this, Nankang uses highly structured chemical agents to lessen tread wear, and unique additives designed to slow the tire aging process. High pressure-bearing materials are applied, to enable tires to be properly inflated. While value and safety are essential to customer satisfaction, product quality and performance are never compromised.



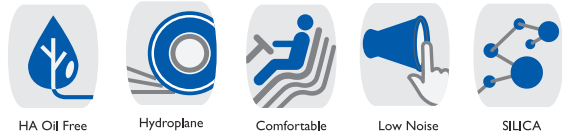
Conformity to Regulations with HA(High Aromatic)-Oil Free Formula for VOC Reduction

Nankang tire compounds are formulated to meet the European Union's regulations on environmental protection which came into force in 2010. HA-oil free compounds are used across the major portion of our product line. In addition, necessary measures are taken to reduce volatile organic compound ("VOC") generation in our manufacturing, thus eliminating further pollution in the process.

Lower Rolling Resistance for Fuel Saving and Carbon Dioxide Emission

Fuel consumption and carbon dioxide emissions are direct functions of a tire's rolling resistance. Lowering rolling resistance is one of the top priorities for our product development. High dispersible silica and unique cross linking agents are applied in our formula to achieve the stable integration of natural, synthetic rubber and silica, which leads to the advanced result of lower rolling resistance, less heat generation and better grip performance.

INDEX



The Nankang Story	-----	01-02
Our Commitment	-----	03-04

NEW

 ICE ACTIVA ICE-I	-----	07-08
 ICE ACTIVA WA-I	-----	21
 ICE ACTIVA IA-I	-----	22

WINTER ACTIVA

 SV-2	-----	09-10
 SV-55	-----	11-12
 N-607⁺	-----	13-14
 SL-6	-----	15-16

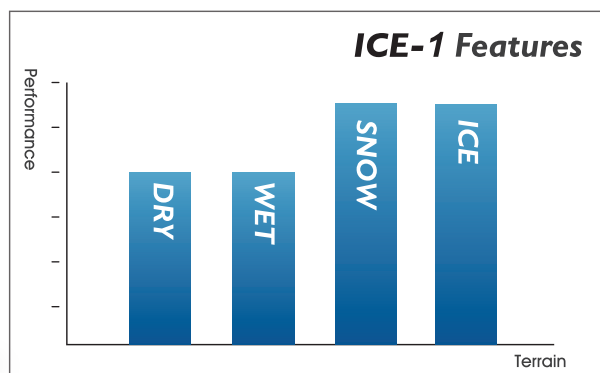
ICE ACTIVA

 SV-I	-----	17-18
 SW-7	-----	19-20
 ESSN-I	-----	23-24
 SNC-I	-----	25
EU LABEL	-----	26

NEW



ICE-1 is designed to reach high performance on snow and icy road conditions in Northern Europe.



Designed For Passenger Car

- Center ribs and directional tread pattern deliver the straight-direct stability and maneuverability on snowfield.
- Reticulate tread pattern grooves strengthen the grip capability on snowfield.
- Serrate 3D sipes at central part enhance the capability for icy-shoveling and snow-sweeping, as well as reinforce the rigidity of pattern block and stability of straight-direct.
- Rectangular 3D sipes at shoulder area enhance the strength of pattern blocks and prevent the pattern blocks from being over-deformed when rolling or braking, hence to improve the safety of driving.

- Optimized positions of studding holes over the tread pattern reinforce the friction and traction on icy road. Special silica formula is applied to improve the performance of the tire when driving on icy or snow roads.

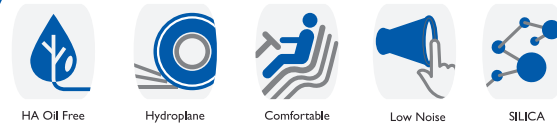


ICE-1 Size List

Series	Inch	Size	Load Index	Speed Index	Rim Width (Inch)	OD (mm)	SW (mm)	EU TIRE LABEL			
								RRC	Wet Grip	Noise Value (dB)	Noise Class
40'	18	245/40R18	97(XL)	Q	8.5	653	248	E	E	72	2
	18	225/40R18	92	Q	8.0	637	230			N/A	
45'	17	235/45R17	97	Q	8.0	644	236			N/A	
	17	225/45R17	94	Q	7.5	634	225			N/A	
50'	17	225/50R17	98	Q	7.0	658	233			N/A	
	17	215/50R17	95	Q	7.0	648	226			N/A	
55'	16	205/55R16	94(XL)	Q	6.5	632	214	E	E	71	2
	15	185/55R15	86(XL)	Q	6	585	194	E	E	71	2
60'	19	175/60R19	86	Q	5	693	177			N/A	
	17	215/60R17	100	Q	6.5	690	221			N/A	
	17	225/60R17	103	Q	6.5	702	228			N/A	

Series	Inch	Size	Load Index	Speed Index	Rim Width (Inch)	OD (mm)	SW (mm)	EU TIRE LABEL			
								RRC	Wet Grip	Noise Value (dB)	Noise Class
60'	17	225/65R17	106	Q	6.5	724	228			N/A	
	16	205/60R16	96	Q	6.0	652	209	E	E	71	2
	15	185/60R15	88	Q	5.5	603	189			N/A	
65'	16	215/65R16	102	Q	6.5	724	228			N/A	
	15	195/65R15	95	Q	6.0	635	201	E	E	71	2
	15	185/65R15	92	Q	5.5	621	189	E	E	71	2
	14	175/65R14	82	Q	5.0	584	177			N/A	
70'	14	185/65R14	90	Q	5.5	596	189			N/A	
	19	155/70R19	84	Q	4.5	701	157			N/A	
	15	195/70R15C	104/102	Q	6.0	655	201			N/A	

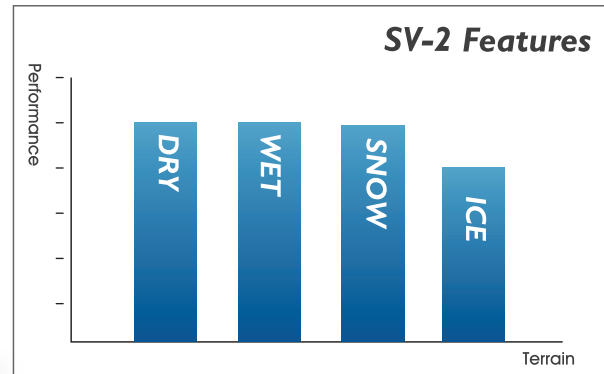
N/A : Values are not available at the time of publication



Designed For Passenger Car

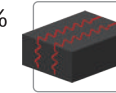


SV-2 is the tire of new generation, combining exceptionally responsive steering feel with the smooth and quiet refinement. Even at the high speed, SV-2 provides drivers with the confidence in various weather conditions of winter.



1. Circumferential V-shaped four-groove design enhances drainage efficiency on wet road.

2. The enlarged contact area at the void ratio at 32% shortens braking distance on dry/wet road and enhance icy grip.



3. Three dimensional solid sipe enhances pattern block stiffness, shortens braking distance on dry/wet road and upgrades maneuverability & cornering ability on icy road.

4. Solid groove wall design prevents irregular wear and improves snow maneuverability.



5. Unique compound enhances tread stiffness and surface friction to shorten braking distance.



SV-2 Size List

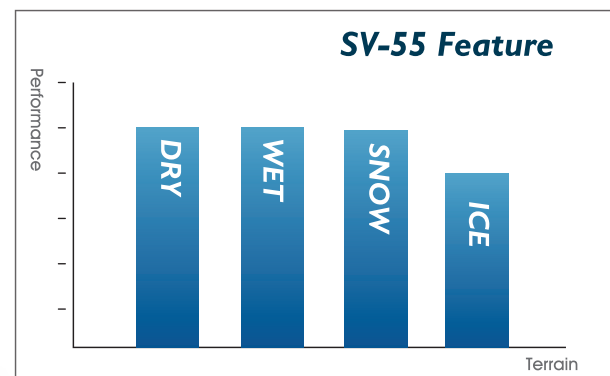
Series	Inch	Size	Load Index	Speed Index	Rim Width (Inch)	OD (mm)	SW (mm)	EU TIRE LABEL			
								RRC	Wet Grip	Noise Value (dB)	Noise Class
35'	19	255/35R19	96(XL)	V	9	661	260	E	C	73	2
	18	255/35R18	94(XL)	V	9	635	260	E	C	73	2
40'	18	245/40R18	97(XL)	V	8.5	653	248	E	C	71	2
	18	235/40R18	95(XL)	V	8.5	645	241	E	C	71	2
	18	225/40R18	92(XL)	V	8	637	230	E	C	71	2
	18	215/40R18	89(XL)	V	7.5	629	218	E	C	71	2
	17	215/40R17	87(XL)	V	7.5	604	218	E	C	71	2
	17	205/40R17	84(XL)	V	7.5	596	212	E	C	71	2
45'	18	245/45R18	100(XL)	V	8	677	243	E	C	71	2
	18	235/45R18	98(XL)	V	8	669	236	E	C	71	2
	18	225/45R18	95(XL)	V	7.5	659	225	E	C	71	2
	17	245/45R17	99(XL)	V	8	652	243	E	C	71	2
	17	235/45R17	97(XL)	V	8	644	236	E	C	71	2
	17	225/45R17	94(XL)	V	7.5	634	225	E	C	71	2
	17	215/45R17	91(XL)	V	7	626	213	E	C	71	2
	17	205/45R17	88(XL)	V	7	616	206	E	C	71	2
	16	215/45R16	90(XL)	H	7	600	213	E	C	71	2
	16	205/45R16	87(XL)	H	7	590	206	E	C	71	2
50'	16	195/45R16	84(XL)	V	6.5	582	195	E	C	71	2
	19	255/50R19	107(XL)	V	8	739	265	E	C	73	2
	18	235/50R18	101(XL)	V	7.5	693	245	E	C	71	2
	17	225/50R17	98(XL)	V	7	658	233	E	C	71	2
	17	215/50R17	95(XL)	V	7	648	226	E	C	71	2
	17	205/50R17	93(XL)	V	6.5	638	214	E	C	71	2
	16	205/50R16	91(XL)	H	6.5	612	214	E	C	71	2
	16	195/50R16	88(XL)	H	6	602	201	E	C	71	2
	15	195/50R15	86(XL)	H	6	577	201	E	C	71	2
	55'	19	235/55R19	105(XL)	V	7.5	741	245	E	C	71
18		255/55R18	109(XL)	V	8	737	265	E	C	73	2
18		225/55R18	98	V	7	705	233	E	C	71	2
18		215/55R18	99(XL)	H	7	693	226	E	C	71	2
17		235/55R17	103(XL)	V	7.5	690	245	E	C	71	2
17		225/55R17	101(XL)	V	7	680	233	E	C	71	2
17		215/55R17	98(XL)	V	7	668	226	E	C	71	2
17		205/55R17	95(XL)	V	6.5	658	214	E	C	71	2
16		225/55R16	99(XL)	H	7	654	233	E	C	71	2
16		225/55R16	99(XL)	V	7	654	233	E	C	71	2
16		215/55R16	97(XL)	H	7	642	226	E	C	71	2
16		215/55R16	97(XL)	V	7	642	226	E	C	71	2
16		205/55R16	91	H	6.5	632	214			N/A	
16		205/55R16	94(XL)	V	6.5	632	214	E	C	71	2
16	205/55R16	94(XL)	H	6.5	632	214	E	C	71	2	
16	195/55R16	91(XL)	H	6	620	201	E	C	71	2	
16	185/55R16	87(XL)	T	6	610	194	E	C	71	2	

Series	Inch	Size	Load Index	Speed Index	Rim Width (Inch)	OD (mm)	SW (mm)	EU TIRE LABEL			
								RRC	Wet Grip	Noise Value (dB)	Noise Class
55'	16	175/55R16	80	H	5.5	598	182	F	C	71	2
	15	195/55R15	89(XL)	H	6	595	201	E	C	71	2
	15	185/55R15	86(XL)	H	6	585	194	E	C	71	2
	15	175/55R15	77	T	5.5	573	182	F	C	71	2
60'	14	185/55R14	80	H	6	560	194	F	C	71	2
	18	235/60R18	107(XL)	V	7	739	240	E	C	71	2
	16	235/60R16	104(XL)	H	7	688	240	E	C	71	2
	16	225/60R16	98	H	6.5	676	228	E	C	71	2
	16	215/60R16	99(XL)	H	6.5	664	221	E	C	71	2
	16	205/60R16	96(XL)	H	6	652	209	E	C	71	2
	16	195/60R16	89	H	6	640	201	E	C	71	2
	15	195/60R15	92(XL)	H	6	615	201	E	C	71	2
	15	185/60R15	88(XL)	H	5.5	603	189	E	C	71	2
	15	175/60R15	81	H	5	591	177	F	C	71	2
65'	15	155/60R15	74	T	4.5	567	157	F	C	71	2
	14	185/60R14	82	H	5.5	578	189	E	C	71	2
	14	175/60R14	83(XL)	H	5	566	177	E	C	71	2
	14	165/60R14	79(XL)	H	5	554	170	F	C	71	2
	17	235/65R17	108(XL)	V	7	738	240	E	C	71	2
	16	215/65R16	102(XL)	H	6.5	686	221	E	C	71	2
	15	205/65R15	99(XL)	H	6	647	209	E	C	71	2
	15	195/65R15	95(XL)	T	6	635	201	E	C	71	2
	15	195/65R15	95(XL)	H	6	635	201	E	C	71	2
	15	195/65R15	91	T	6	635	201	E	C	71	2
	15	185/65R15	92(XL)	H	5.5	621	189	E	C	71	2
	15	175/65R15	88(XL)	H	5	609	177	E	C	71	2
	15	165/65R15	81	T	5	595	170	F	C	71	2
	15	145/65R15	72	T	4.5	569	150	F	C	71	2
70'	14	185/65R14	90(XL)	H	5.5	596	189	E	C	71	2
	14	175/65R14	86(XL)	H	5	584	177	E	C	71	2
	14	165/65R14	79	T	5	570	170	F	C	71	2
	14	155/65R14	75	T	4.5	558	157	F	C	71	2
	13	155/65R13	73	T	4.5	532	157	F	C	71	2
	14	195/70R14	91	T	6	630	201	E	C	71	2
	14	175/70R14	88(XL)	T	5	602	177	E	C	71	2
	14	165/70R14	81	T	5	589	170	F	C	71	2
	13	175/70R13	82	T	5	576	177	E	C	71	2
	13	165/70R13	83(XL)	T	5	562	170	E	C	71	2
80'	13	155/70R13	75	T	4.5	548	157	F	C	71	2
	13	145/70R13	71	T	4.5	534	150	F	C	71	2
	12	145/70R12	69	T	4.5	509	150	F	C	71	2
	14	175/80R14	88	T	5	636	176	E	C	71	2

N/A : Values are not available at the time of publication



Superior handling in cold weather is provided by the asymmetric pattern design and special silica tread compound. Three dimensional sipe improves snow handling and ice traction performance. Multi-tiered shoulders enhance gripping and shoveling ability.



Designed For SUV

1. Four circumferential groove tread pattern design with 36% void ratio has effective drainage performance to prevent hydroplaning or slipping on wet surface.
2. The sipes enhance cornering maneuverability and strengthen lateral force.
3. The 2-in-1 pitch design minimizes rolling noise by depressing resonance effect.
4. The cylindrical sipes on the outside help to form icicles to enhance crawling and gripping ability on snowy or icy surfaces.

5. The linkage between outside blocks strengthens block stiffness to enhance cornering maneuverability.



SV-55 Size List

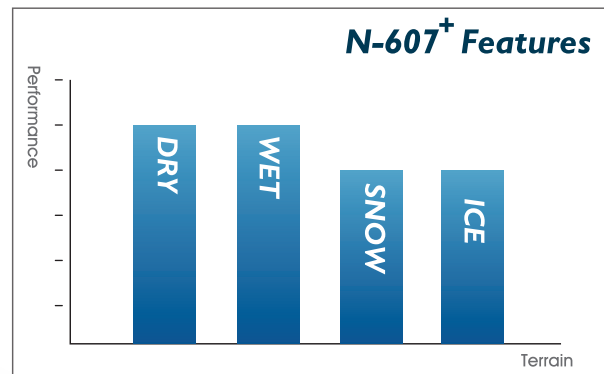
Series	Inch	Size	Load Index	Speed Index	Rim Width (Inch)	OD (mm)	SW (mm)	EU TIRE LABEL			
								RRC	Wet Grip	Noise Value (dB)	Noise Class
35'	19	235/35ZR19	91(XL)	W	8.5	647	241	E	C	72	2
	20	275/40ZR20	106(XL)	W	9.5	728	278	E	C	75	3
40'	19	255/40R19	100(XL)	V	9	687	260	E	C	73	2
	19	245/40R19	98(XL)	V	8.5	679	248	E	C	72	2
	18	255/40R18	99(XL)	V	9	661	260	E	C	73	2
45'	20	275/45R20	110(XL)	V	9	756	273	E	C	75	3
	19	235/45R19	99(XL)	V	8	695	236	E	C	72	2
	18	255/45R18	103(XL)	V	8.5	687	255	E	C	73	2
50'	18	245/50R18	104(XL)	V	7.5	703	253	E	C	75	3
	19	255/55R19	111(XL)	V	8	763	265	E	C	73	2
55'	19	225/55R19	99	V	7	731	233	E	C	75	3
	18	235/55R18	104(XL)	H	7.5	715	245	E	C	75	3
60'	18	255/60R18	112(XL)	V	7.5	763	260	E	C	73	2
	18	225/60R18	104(XL)	V	6.5	727	228	E	C	75	3
	17	255/60R17	110(XL)	H	7.5	738	260	E	C	73	2
	17	235/60R17	106(XL)	V	7	714	240	E	C	75	3

Series	Inch	Size	Load Index	Speed Index	Rim Width (Inch)	OD (mm)	SW (mm)	EU TIRE LABEL			
								RRC	Wet Grip	Noise Value (dB)	Noise Class
60'	17	225/60R17	103(XL)	V	6.5	702	228	E	C	75	3
	17	215/60R17	100(XL)	V	6.5	690	221	E	C	75	3
65'	18	235/65R18	110(XL)	H	7	763	240	E	C	72	2
	17	255/65R17	114(XL)	H	7.5	764	260	E	C	73	2
	17	245/65R17	111(XL)	H	7	750	248	E	C	72	2
	17	225/65R17	106(XL)	H	6.5	724	228	E	C	75	3
70'	17	215/65R17	99	H	6.5	712	221	E	C	71	2
	16	265/70R16	112	H	8	778	272	E	C	73	2
	16	245/70R16	111(XL)	H	7	750	248	E	C	75	3
	16	235/70R16	106	H	7	736	240	E	C	75	3
	16	225/70R16	103	H	6.5	722	228	E	C	75	3
80'	16	215/70R16	104(XL)	H	6.5	708	221	E	C	72	2
	15	205/70R15	100(XL)	H	6	669	209	E	C	72	2
	15	195/70R15	97(XL)	T	6	655	201	E	C	72	2
80'	16	205/80R16	104(XL)	H	5.5	734	203	E	C	75	3

N/A : Values are not available at the time of publication

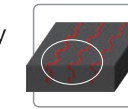


The advanced handling of N-607⁺ helps drivers to feel ease and security on diverse weather conditions all year round.



Designed For Passenger Car

1. The central blocks with 3D kerf enhance maneuverability on snowy road.
2. Four circumferential-groove raises drainage efficiency and stability on wet road. Multi-itch arrangement reduces rolling noise effectively.
3. The large blocks on shoulders increase sustaining strength, escalate cornering handling stability and treadwearing.
4. No matter in summer or in winter, N-607+ all season tires provide drivers maneuverability and safety all year round.
5. Unique compound design strengthens gripping ability with longer usage.



Series	Inch	Size	Load Index	Speed Index	Rim Width (Inch)	OD (mm)	SW (mm)	EU TIRE LABEL			
								RRC	Wet Grip	Noise Value (dB)	Noise Class
50'	15	195/50R15	86(XL)	V	6	577	201	E	C	72	2
	17	235/55R17	103(XL)	V	7.5	690	245	E	C	72	2
55'	17	225/55R17	101(XL)	V	7	680	233	E	C	72	2
	16	215/55R16	97(XL)	V	7	642	226	E	C	72	2
	16	205/55R16	94(XL)	V	6.5	632	214	E	C	72	2
	16	195/55R16	91(XL)	V	6	620	201	E	C	72	2
	15	195/55R15	89(XL)	V	6	595	201	E	C	72	2
	15	185/55R15	86(XL)	H	6	585	194	E	C	71	2
	15	175/55R15	77	H	5.5	573	182	F	C	71	2
60'	17	215/60R17	100(XL)	V	6.5	690	221	E	C	72	2
	16	215/60R16	99(XL)	V	6.5	664	221	E	C	72	2
	15	185/60R15	88(XL)	H	5.5	603	189	E	C	71	2
	14	185/60R14	82	H	5.5	578	189	E	C	71	2
65'	16	215/65R16	102(XL)	V	6.5	686	221	E	C	72	2
	15	215/65R15	100(XL)	H	6.5	661	221	E	C	72	2

Series	Inch	Size	Load Index	Speed Index	Rim Width (Inch)	OD (mm)	SW (mm)	EU TIRE LABEL			
								RRC	Wet Grip	Noise Value (dB)	Noise Class
65'	15	195/65R15	95(XL)	V	6	635	201	E	C	72	2
	15	185/65R15	92(XL)	H	5.5	621	189	E	C	71	2
	15	175/65R15	88(XL)	H	5	609	177	E	C	71	2
	14	195/65R14	89	H	6	610	201	E	C	72	2
	14	185/65R14	90(XL)	H	5.5	596	189	E	C	71	2
	14	175/65R14	82	H	5	584	177	E	C	71	2
70'	16	245/70R16	111(XL)	H	7	750	248	E	C	72	2
	16	235/70R16	106	H	7	736	240	E	C	72	2
	16	215/70R16	100	H	6.5	708	221	E	C	72	2
	15	205/70R15	96	H	6	669	209	E	C	72	2
	14	185/70R14	88	T	5.5	616	189	E	C	71	2
	14	165/70R14	81	H	5	588	170	F	C	71	2
	13	175/70R13	82	T	5	576	177	E	C	71	2
13	155/70R13	75	T	4.5	548	157	F	C	71	2	

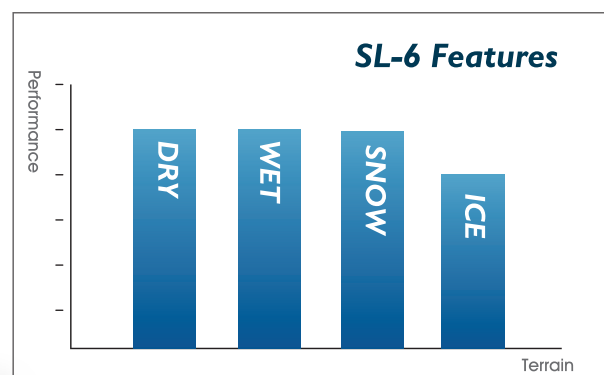
N/A : Values are not available at the time of publication



Designed For Commercial Car



Directional pattern design provides high traction and handling on snow and wet surface to prevent hydro-planing.



1. Directional V-shape groove design increases tire steering stability.
2. Three dimensional sipe design on the shoulder enhances braking ability on the icy ground.
3. Silica formula additives and directional pattern enhance tire performance on the icy or snowy ground.



SL-6 Size List

Series	Inch	Size	Load Index	Speed Index	Rim Width (Inch)	OD (mm)	SW (mm)	EU TIRE LABEL			
								RRC	Wet Grip	Noise Value (dB)	Noise Class
VAN	17	215/60R17C	109/107	T	6.5	690	221	E	C	70	1
	16	225/75R16C	121/120	R	6	744	223	E	C	70	1
	16	215/75R16C	116/114	R	6	728	216	E	C	70	1
	16	215/75R16C	113/111	R	6	728	216	E	C	70	1
	16	205/75R16C	110/108	R	5.5	714	203	E	C	70	1
	16	195/75R16C	107/105	S	5.5	698	196	E	C	70	1
	16	235/65R16C	121/119	R	7	712	240	E	C	70	1
	16	235/65R16C	115/113	R	7	712	240	E	C	70	1
	16	225/65R16C	112/110	T	6.5	698	228	E	C	70	1
	16	215/65R16C	109/107	R	6.5	686	221	E	C	70	1
	16	215/60R16C	108/106	T	6.5	664	221	E	C	70	1
	16	205/65R16C	107/105	T	6	672	209	E	C	70	1

Series	Inch	Size	Load Index	Speed Index	Rim Width (Inch)	OD (mm)	SW (mm)	EU TIRE LABEL			
								RRC	Wet Grip	Noise Value (dB)	Noise Class
VAN	16	195/65R16C	104/102	R	6	660	201	E	C	70	1
	16	195/60R16C	99/97	T	6	640	201	F	C	70	1
	15	225/70R15C	112/110	R	6.5	697	228	E	C	70	1
	15	215/70R15C	109/107	S	6.5	683	221	E	C	70	1
	15	195/70R15C	104/102	R	6	655	201	E	C	70	1
	15	215/65R15C	104/102	T	6.5	661	221			N/A	
	15	205/65R15C	102/100	T	6	647	209	E	C	70	1
	14	195R14C	106/104	N	5.5	666	198	E	C	70	1
	14	185R14C	102/100	N	5.5	650	188	E	C	70	1
	13	155R13C	90/88	T		578				N/A	
	12	155R12C	88/86	R	4.5	550	157			N/A	

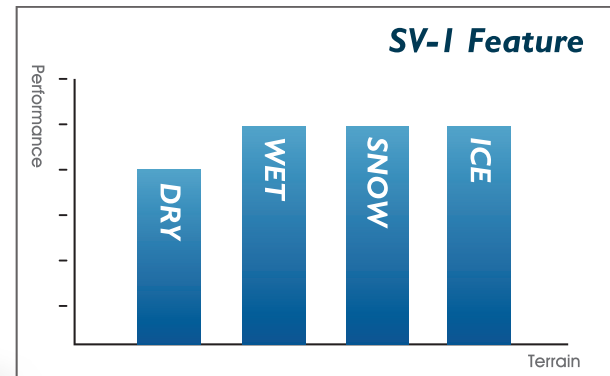
N/A : Values are not available at the time of publication



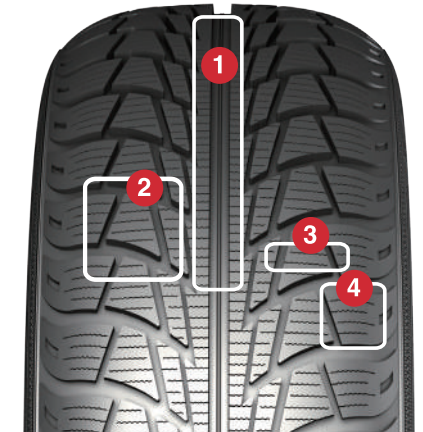
Designed For Passenger Car



SV-1 is designed to reach balanced performance on snow and icy road conditions in Northern Europe.



1. Broad central straight groove increases handling ability on snowy road.
2. Zigzag groove design enhances the traction on snowy road.
3. Zigzag sipe design enhances the performance on the ice.
4. Lots of irregular sipes in one block advance the braking capability on icy road.



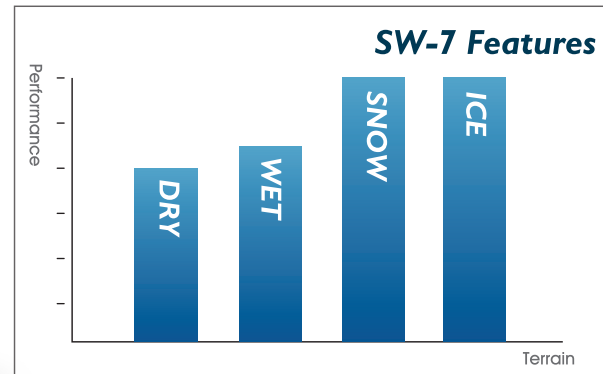
Series	Inch	Size	Load Index	Speed Index	Rim Width (Inch)	OD (mm)	SW (mm)	EU TIRE LABEL			
								RRC	Wet Grip	Noise Value (dB)	Noise Class
40'	18	245/40R18	97(XL)	T	8.5	653	248	E	E	73	3
	18	225/40R18	92(XL)	T	8	637	230	E	E	73	3
45'	18	245/45R18	100(XL)	T	8	677	243	E	E	73	3
	17	245/45R17	99(XL)	T	8	652	243	E	E	73	3
	17	235/45R17	97(XL)	T	8	644	236	E	E	73	3
	17	225/45R17	94(XL)	T	7.5	634	225	E	E	73	3
50'	19	255/50R19	107(XL)	T	8	739	265	E	E	73	2
	17	225/50R17	98(XL)	T	7	658	233	E	E	73	3
	17	205/50R17	93(XL)	T	6.5	638	214	E	E	73	3
	16	205/50R16	87	H	6.5	612	214	E	E	73	3
	15	195/50R15	82	H	6	577	201	F	E	73	3
55'	18	255/55R18	109(XL)	T	8	737	265	E	E	73	2
	17	235/55R17	103(XL)	T	7.5	690	245	E	E	73	3
	17	225/55R17	101(XL)	T	7	680	233	E	E	73	3
	17	215/55R17	98(XL)	T	7	668	226	E	E	73	3
	16	225/55R16	99(XL)	H	7	654	233	E	E	73	3
	16	215/55R16	97(XL)	H	7	642	226	E	E	73	3
	16	205/55R16	94(XL)	H	6.5	632	214	E	E	73	3
	16	195/55R16	87	H	6	620	201	E	E	73	3

Series	Inch	Size	Load Index	Speed Index	Rim Width (Inch)	OD (mm)	SW (mm)	EU TIRE LABEL			
								RRC	Wet Grip	Noise Value (dB)	Noise Class
55'	15	195/55R15	85	H	6	595	201	E	E	73	3
	15	185/55R15	86(XL)	H	6	585	194	E	E	73	3
60'	18	235/60R18	107(XL)	T	7	739	240	E	E	73	3
	16	235/60R16	100	H	7	688	240	E	E	73	3
	16	215/60R16	99(XL)	H	6.5	664	221	E	E	73	3
	16	205/60R16	96(XL)	H	6	652	209	E	E	73	3
	15	195/60R15	88	H	6	615	201	E	E	73	3
	15	185/60R15	88(XL)	T	5.5	603	189	E	E	73	3
	15	175/60R15	81	H	5	591	177	F	E	73	3
	14	165/60R14	79(XL)	H	5	554	170	F	E	73	3
65'	17	235/65R17	108(XL)	T	7	738	240	E	E	73	3
	16	215/65R16	98	H	6.5	686	221	E	E	73	3
	15	205/65R15	94	H	6	647	209	E	E	73	3
	15	195/65R15	91	T	6	635	201	E	E	73	3
	15	195/65R15	91	H	6	635	201	E	E	73	3
	15	185/65R15	88	T	5.5	621	189	E	E	73	3
	15	175/65R15	88(XL)	T	5	609	177	E	E	73	3
	14	185/65R14	86	T	5.5	596	189	E	E	73	3
14	175/65R14	82	T	5	584	177	F	E	73	3	

N/A : Values are not available at the time of publication



SW-7 is designed to optimize grip in Nordic winter conditions. Advanced stud hole design and formula retain its braking and acceleration grip on snow and icy road surfaces.



Designed For Passenger Car

1. Central rib and directional pattern design help stabilize straight driving performance and maneuverability on snowy ground.
2. Wide and zigzag lateral grooves plus big void ratio design enhance ice-pillar effect and reinforce grip on snowy road.
3. Circumferential and random-allocated spike holes design on tread pattern increase traction on harsh icy road.
4. 3D sipes design on tire shoulders enhances block stiffness, maneuverability and cornering performance on icy surface.

5. Serrate multi-sipes design shortens braking distance on snowy and icy road to reinforce braking performance and driving safety on icy ground.



Series	Inch	Size	Load Index	Speed Index	Rim Width (Inch)	OD (mm)	SW (mm)	EU TIRE LABEL			
								RRC	Wet Grip	Noise Value (dB)	Noise Class
40'	18	225/40R18	92(XL)	T	8	637	230	F	F	72	2
45'	17	225/45R17	94(XL)	T	7.5	634	225	F	F	73	3
50'	18	235/50R18	101(XL)	T	7.5	693	245	F	F	72	2
	17	225/50R17	98(XL)	T	7	658	233	F	F	73	3
55'	15	195/50R15	82	T	6	577	201	F	F	73	3
	17	235/55R17	103(XL)	T	7.5	690	245	F	F	73	3
	17	225/55R17	101(XL)	T	7	680	233	F	F	72	2
	17	215/55R17	98(XL)	T	7	668	226	F	F	73	3
	16	225/55R16	95	T	7	654	233	F	F	73	3
	16	215/55R16	97(XL)	T	7	642	226	F	F	73	3
	16	205/55R16	94(XL)	T	6.5	632	214	F	F	73	3
	16	195/55R16	91(XL)	T	6	620	201	F	F	73	3
	15	195/55R15	89(XL)	T	6	595	201	F	F	73	3
	15	185/55R15	86(XL)	T	6	585	194	F	F	73	3
60'	18	235/60R18	107(XL)	T	7	739	240	F	F	73	3
	17	225/60R17	103(XL)	T	6.5	702	228	F	F	73	3
	17	215/60R17	100(XL)	T	6.5	690	221	F	F	72	2
	16	215/60R16	99(XL)	T	6.5	664	221	F	F	73	3
	16	205/60R16	96(XL)	T	6	652	209	F	F	73	3
	15	205/60R15	91	T	6	627	209	F	F	73	3
	15	185/60R15	88(XL)	T	5.5	603	189	F	F	73	3
	14	195/60R14	86	T	6	590	201	F	F	73	3
14	185/60R14	82	T	5.5	578	189	F	F	73	3	

Series	Inch	Size	Load Index	Speed Index	Rim Width (Inch)	OD (mm)	SW (mm)	EU TIRE LABEL			
								RRC	Wet Grip	Noise Value (dB)	Noise Class
65'	17	265/65R17	116(XL)	T	8	776	272	F	F	73	2
	17	235/65R17	104	T	7	738	240	F	F	73	3
	17	225/65R17	106(XL)	T	6.5	724	228	F	F	73	3
	16	215/65R16	102(XL)	T	6.5	686	221	F	F	73	3
	15	215/65R15	100(XL)	H	6.5	661	221	F	F	73	3
	15	205/65R15	99(XL)	T	6	647	209	F	F	73	3
	15	195/65R15	95(XL)	T	6	635	201	F	F	73	3
	15	185/65R15	92(XL)	T	5.5	621	189	F	F	73	3
	14	195/65R14	89	T	6	610	201	F	F	73	3
	14	185/65R14	90(XL)	T	5.5	596	189	F	F	73	3
	14	175/65R14	86(XL)	T	5	584	177	F	F	73	3
	70'	16	215/70R16	100	H	6.5	708	221	F	F	73
15		205/70R15	100(XL)	T	6	669	209	F	F	73	3
14		195/70R14	91	T	6	630	201	F	F	73	3
14		185/70R14	88	T	5.5	616	189	F	F	73	3
14		175/70R14	88(XL)	T	5	602	177	F	F	73	3
13		185/70R13	86	T	5.5	590	189	F	F	73	3
13		175/70R13	82	T	5	576	177	F	F	73	3
80'	13	165/70R13	83(XL)	T	5	562	170	F	F	73	3
	13	155/70R13	75	T	4.5	548	157	F	F	73	3
	13	165/80R13	83	T	4.5	594	165	F	F	73	3
13	155/80R13	79	T	4.5	578	157	F	F	73	3	

N/A : Values are not available at the time of publication



NEW



HA Oil Free

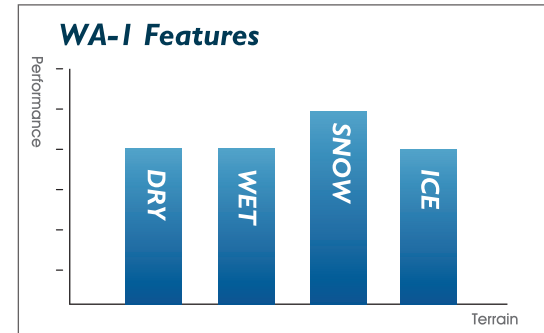


Hydroplane



SILICA

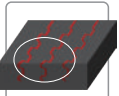
Designed For 4WD



WA-1 Size List

Series	Inch	Size	Load Index	Speed Index	Rim Width (Inch)	OD (mm)	SW (mm)	EU TIRE LABEL			
								RRC	Wet Grip	Noise Value (dB)	Noise Class
4WD	16	LT315/75R16	121	N	8.5	878	313			N/A	
	16	LT285/75R16	122/119	N	8	834	286			N/A	
	16	LT305/70R16	118/115	N	9	834	311			N/A	
	15	35*12.50R15LT	113	N	10	877	318			N/A	
	15	33*12.50R15LT	108	N	10	826	318			N/A	
	15	32*11.50R15LT	113	N	9	801	290			N/A	

N/A : Values are not available at the time of publication

- The broadened contact patch provides maximum handling stability.
- Four circumferential grooves increase drainage performance on icy condition roads.
- On the groove bottom, the connecting bars between the blocks reinforce block stiffness, and handling ability on icy condition roads.
-  Sipe implanted into the connecting bar will provide shoveling ability even at the intermediate and ending wearing stage.

- Zigzag sipes enhance shoveling ability on icy or snow roads. Tridimensional sipes reinforce block stiffness.
- Tread compound with unique silica formula offers superior traction and maneuverability on icy or snow roads.



NEW



HA Oil Free

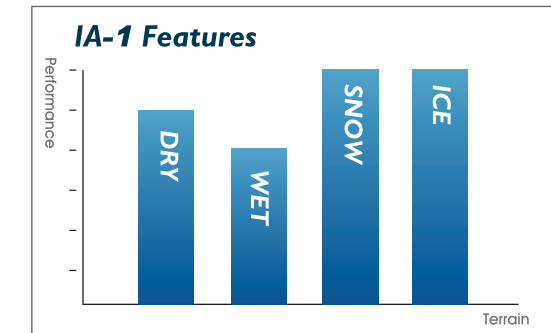


Hydroplane



SILICA



Designed For 4WD



IA-1 Size List

Series	Inch	Size	Load Index	Speed Index	Rim Width (Inch)	OD (mm)	SW (mm)	EU TIRE LABEL			
								RRC	Wet Grip	Noise Value (dB)	Noise Class
4WD	16	LT315/75R16	121	Q	8.5	878	313			N/A	
	16	LT285/75R16	122/119	Q	8	834	286			N/A	
	16	LT305/70R16	118/115	Q	9	834	311			N/A	
	15	35*12.50R15LT	113	Q	10	877	318			N/A	
	15	33*12.50R15LT	108	Q	10	826	318			N/A	
	15	32*11.50R15LT	113	Q	9	801	290			N/A	

N/A : Values are not available at the time of publication

- Center ribs and directional tread pattern deliver the straight-direct stability and maneuverability on snowfield.
-  Reticulate tread pattern grooves strengthen the grip capability on snowfield.
- Serrate 3D sipes at central part enhance the capability for icy-shoveling and snow-sweeping, as well as reinforce the rigidity of pattern block and stability of straight-direct. 
- Rectangular 3D sipes at shoulder area enhance the strength of pattern blocks and prevent the pattern blocks from being over-deformed when rolling or braking, hence to improve the safety of driving.

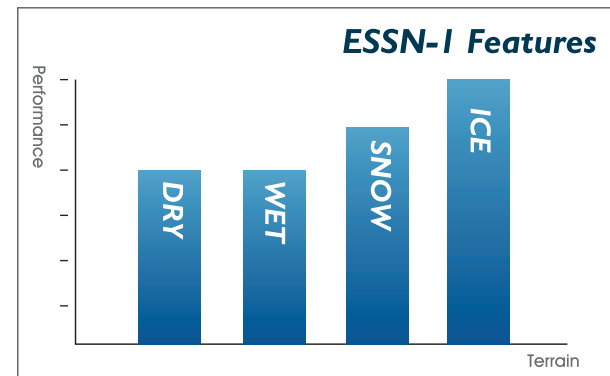


- Optimized positions of studding holes over the tread pattern reinforce the friction and traction on icy road.
Special silica formula is applied to improve the performance of the tire when driving on icy or snow roads





Superior handling in cold weather is provided by the asymmetric pattern design and special silica tread compound. Three dimensional sipe improves snow handling and ice traction performance. Multi-tiered shoulders enhance gripping and shoveling ability.



1. The outside pattern of asymmetrical ESSN-1 strengthens cornering maneuverability. The supplementary sipes on the outside pattern could also reinforce gripping and cornering ability. The inside aims to achieve its straight stability and driving comfort.

5. Unique tread compound with stiff natural kernal powder collects more ice-lodging ability.

2. Longitudinal sipes allocated on tread shoulders resist centrifugal force in cornering to ensure driving stability.

3. 3D sipe design with zigzag shape strengthens block stiffness and maneuverability on icy road.

4. Grid shape tread pattern increases contact patch with road surface and enhances handling ability in the initial stage.



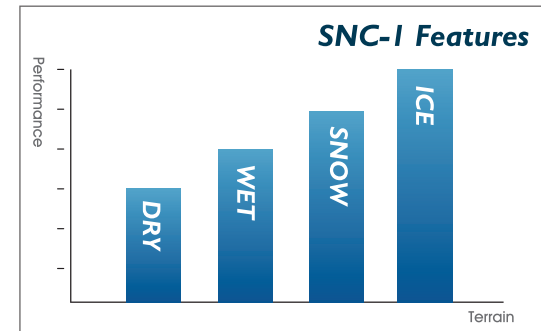
Series	Inch	Size	Load Index	Speed Index	Rim Width (Inch)	OD (mm)	SW (mm)	EU TIRE LABEL			
								RRC	Wet Grip	Noise Value (dB)	Noise Class
40'	19	245/40R19	94	Q	8.5	679	248				N/A
	18	245/40R18	93	Q	8.5	653	248				N/A
45'	18	225/45R18	95(XL)	Q	7.5	659	225				N/A
	17	235/45R17	94	Q	8	644	236				N/A
	17	215/45R17	91(XL)	Q	7	626	213				N/A
	17	205/45R17	84	Q	7	616	206				N/A
50'	16	195/45R16	80	Q	6.5	582	195				N/A
	19	255/50R19	107(XL)	Q	8	739	265				N/A
	18	215/50R18	92	Q	7	673	226				N/A
	17	225/50R17	94	Q	7	658	233				N/A
	17	215/50R17	91	Q	7	648	226				N/A
	17	205/50R17	89	Q	6.5	638	214				N/A
	16	205/50R16	87	Q	6.5	612	214				N/A
	16	195/50R16	84	Q	6	602	201				N/A
55'	15	195/50R15	82	Q	6	577	201				N/A
	19	255/55R19	111	Q	8	763	265				N/A
	18	225/55R18	98	Q	7	705	233				N/A
	17	225/55R17	97	Q	7	680	233				N/A
	17	215/55R17	94	Q	7	668	226				N/A
	17	205/55R17	91	Q	6.5	658	214				N/A
	16	225/55R16	95	Q	7	654	233				N/A
	16	215/55R16	93	Q	7	642	226				N/A
	16	205/55R16	91	Q	6.5	632	214				N/A
	16	195/55R16	87	Q	6	620	201				N/A
	16	185/55R16	83	Q	6	610	194				N/A
	15	195/55R15	85	Q	6	595	201				N/A
	15	185/55R15	82	Q	6	585	194				N/A
	15	175/55R15	77	Q	5.5	573	182				N/A
60'	15	165/55R15	75	Q	5	563	170				N/A
	14	185/55R14	80	Q	6	560	194				N/A
	14	165/55R14	72	Q	5	538	170				N/A
	17	215/60R17	96	Q	6.5	690	221				N/A
	16	225/60R16	98	Q	6.5	676	228				N/A
	16	215/60R16	95	Q	6.5	664	221				N/A
	16	205/60R16	92	Q	6	652	209				N/A
	16	175/60R16	82	Q	5	616	177				N/A
	15	205/60R15	91	Q	6	627	209				N/A
	15	195/60R15	88	Q	6	615	201				N/A

Series	Inch	Size	Load Index	Speed Index	Rim Width (Inch)	OD (mm)	SW (mm)	EU TIRE LABEL			
								RRC	Wet Grip	Noise Value (dB)	Noise Class
60'	15	175/60R15	81	Q	5	591	177				N/A
	15	165/60R15	77	Q	5	579	170				N/A
	15	155/60R15	74	Q	4.5	567	157				N/A
	14	185/60R14	82	Q	5.5	578	189				N/A
	14	175/60R14	79	Q	5	566	177				N/A
	14	165/60R14	75	Q	5	554	170				N/A
65'	17	225/65R17	102	Q	6.5	724	228				N/A
	16	215/65R16	98	Q	6.5	686	221				N/A
	16	205/65R16	95	Q	6	672	209				N/A
	15	215/65R15	96	Q	6.5	661	221				N/A
	15	205/65R15	94	Q	6	647	209				N/A
	15	195/65R15	91	Q	6	635	201				N/A
	15	195/65R15	91	Q	6	635	201				N/A
	15	185/65R15	88	Q	5.5	621	189				N/A
	15	175/65R15	84	Q	5	609	177				N/A
	15	165/65R15	81	Q	5	595	170				N/A
70'	14	195/65R14	89	Q	6	610	201				N/A
	14	185/65R14	86	Q	5.5	596	189				N/A
	14	175/65R14	82	Q	5	584	177				N/A
	14	165/65R14	79	Q	5	570	170				N/A
	14	155/65R14	75	Q	4.5	558	157				N/A
	13	155/65R13	73	Q	4.5	532	157				N/A
	16	265/70R16	112	Q	8	778	272				N/A
	16	215/70R16	100	Q	6.5	708	221				N/A
	15	215/70R15	98	Q	6.5	683	221				N/A
	15	205/70R15	96	Q	6	669	209				N/A
80'	15	195/70R15	92(XL)	Q	6	660	199				N/A
	14	185/70R14	88	Q	5.5	616	189				N/A
	14	175/70R14	84	Q	5	602	177				N/A
	14	165/70R14	81	Q	5	588	170				N/A
	13	155/70R13	75	Q	4.5	548	157				N/A
	12	145/70R12	69	Q	4.5	509	150				N/A
	16	175/80R16	91	Q	5	686	175				N/A
	15	195/80R15	96	Q	5.5	693	196				N/A

N/A : Values are not available at the time of publication



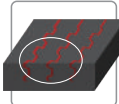
Designed For Commercial Car



Series	Inch	Size	Load Index	Speed Index	Rim Width (Inch)	OD (mm)	SW (mm)	EU TIRE LABEL			
								RRC	Wet Grip	Noise Value (dB)	Noise Class
VAN	17	215/60R17C	109/107	Q	6.5	690	221			N/A	
	15	195/80R15C	107/105	L	5.5	693	196			N/A	
	15	215/70R15C	109/107	Q	6.5	683	221			N/A	
	15	195/70R15C	104/102	N	6	655	201			N/A	
	14	195R14C	106/104	N	5.5	666	198			N/A	
	14	185R14C	102/100	N	5.5	650	188			N/A	

N/A : Values are not available at the time of publication

1. SNC-1 is customized for safety and durability of professional transport.

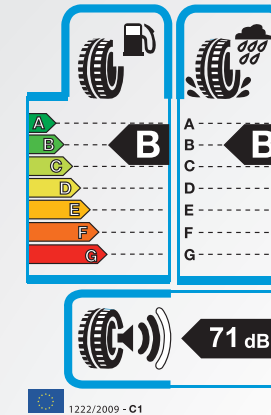
2.  3D kerf angles with special compound provide excellent tread stiffness for grip on icy road.

3. Outstanding sidewall stiffness provides with sustaining and stable handling on icy or snow roads.

4. Optimized braking performance will deliver guarantee for driving safety.



EUROPEAN TIRE LABEL



All new tires, produced after 1st July 2012, and to be sold at point of sale in EU countries after 1st November 2012; must follow EC NO 1222/2009 labeling criteria, and should be labeled with stickers to give the information. The aim is to improve driving safety, fuel efficiency, and lower noise levels. This regulation allows consumers to make more informed choices when purchasing tires by considering these ranking.

(Source from ETRMA www.etrma.org/tyres/tyre-labelling)

RRC (Rolling Resistance Coefficient)

Lower rolling resistance contributes to fuel saving and less carbon dioxide emission. Grade A: most efficiency. Grade G: least efficiency. Choosing grade A the tire consume less fuel and carbon dioxide emission.

Effect may vary among vehicles and driving conditions, but the difference between a G and an A level for a complete set of tires could reduce fuel consumption by up to 7.5% and even more in case of trucks.

Wet Grip

Wet grip is an important indication for tire performance on wet road braking distance. Grade A: the shortest distance. Grade G: the longest distance. Choosing grade A indicates the tire could be shorter 30% braking distance than Grade G.

Effect may vary among vehicles and driving conditions, but in the case of full braking, the difference between a G and an A level for a set of four identical tires 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)

External rolling noise classes

The external rolling noise is measured and declared in decibels (dB), and indicated in three levels. More black bars which mean the tires create more noise.