



Inch	Size	Speed Symbol & Load Index	Code	Max. Psi	Max. Load		Rim		Section Width		Overall Diameter		Tread Depth		SLR	S/W	UTQG			E Mark	Mud + Snow	Note
					lbs	kgs	Measuring	Approved	mm	inch	mm	inch	mm	/32"			Wear	Trac.	Temp.			
16 inch	*** 205/ 45R16	83V	13838	51	1,074	487	7.0	6.5~7.5	206	8.1	590	23.2	-	-	275	BS	420	A	A	E		
	*** 205/ 50R16	87V	13837	51	1,201	545	6.5	5.5~7.5	214	8.4	612	24.1	-	-	283	BS	420	A	A	E		
	*** 195/ 50R16	84V	13836	51	1,102	500	6.0	5.5~7.0	201	7.9	602	23.7	-	-	279	BS	420	A	A	E		
	*** 215/ 55R16	93V	13834	51	1,433	650	7.0	6.0~7.5	226	8.9	642	25.3	-	-	295	BS	420	A	A	E		
	*** 205/ 55R16	91V	13833	51	1,356	615	6.5	5.5~7.5	214	8.4	632	24.9	-	-	291	BS	420	A	A	E		
	*** 195/ 55R16	87V	13832	51	1,201	545	6.0	5.5~7.0	201	7.9	620	24.4	-	-	286	BS	420	A	A	E		
	* 235/ 60R16	100V	13824	51	1,764	800	7.0	6.5~8.5	240	9.4	688	27.1	7.3	9/32	313	BS	420	A	A	E		
	225/ 60R16	98H	13255	51	1,653	750	6.5	6.0~8.0	228	9.0	676	26.6	7.3	9/32	308	BS	420	A	A	E		
	215/ 60R16	95H	13253	51	1,521	690	6.5	6.0~7.5	221	8.7	664	26.1	7.3	9/32	304	BS	420	A	A	E		
	205/ 60R16	92V	13252	51	1,389	630	6.0	5.5~7.5	209	8.2	652	25.7	7.3	9/32	299	BS	420	A	A	E		
	** 195/ 60R16	89V	13830	51	1,279	580	6.0	5.5~7.0	201	7.9	640	25.2	-	-	294	BS	420	A	A	E		
	215/ 65R16	98H	13249	51	1,653	750	6.5	6.0~7.5	221	8.7	686	27.0	7.3	9/32	312	BS	420	A	A	E		
15 inch	* 225/ 70R16	103T	13820	51	1,929	875	6.5	6.0~7.5	228	9.0	722	28.4	7.3	9/32	326	BS	420	A	A	E		
	*** 195/ 50R15	82V	13835	51	1,047	475	6.0	5.5~7.0	201	7.9	577	22.7	-	-	267	BS	420	A	A	E		
	195/ 55R15	85V	13256	51	1,135	515	6.0	5.5~7.0	201	7.9	595	23.4	7.3	9/32	274	BS	420	A	A	E		
	*** 185/ 55R15	82V	13831	51	1,047	475	6.0	5.0~6.5	194	7.6	585	23.0	-	-	270	BS	420	A	A	E		
	* 205/ 60R15	91H	13823	51	1,356	615	6.0	5.5~7.5	209	8.2	627	24.7	7.3	9/32	286	BS	420	A	A	E		
	195/ 60R15	88V	13251	51	1,235	560	6.0	5.5~7.0	201	7.9	615	24.2	7.3	9/32	282	BS	420	A	A	E		
	185/ 60R15	84H	13250	51	1,102	500	5.5	5.0~6.5	189	7.4	603	23.7	7.0	9/32	277	BS	420	A	A	E		
	* 215/ 65R15	96H	13822	51	1,565	710	6.5	6.0~7.5	221	8.7	661	26.0	7.3	9/32	300	BS	420	A	A	E		
	205/ 65R15	94V	13248	51	1,477	670	6.0	5.5~7.5	209	8.2	647	25.5	7.3	9/32	294	BS	420	A	A	E		
	195/ 65R15	91V	13246	51	1,356	615	6.0	5.5~7.0	201	7.9	635	25.0	7.3	9/32	289	BS	420	A	A	E		
	185/ 65R15	88H	13245	51	1,235	560	5.5	5.0~6.5	189	7.4	621	24.4	7.0	9/32	284	BS	420	A	A	E		
	175/ 65R15	84H	13244	51	1,102	500	5.0	5.0~6.0	177	7.0	609	24.0	7.0	9/32	279	BS	420	A	A	E		
14 inch	** 215/ 70R15	98T	13826	51	1,653	750	6.5	5.5~7.0	221	8.7	683	26.9	-	-	308	BS	420	A	A	E		
	* 205/ 70R15	96T	13819	51	1,565	710	6.0	5.0~7.0	209	8.2	669	26.3	7.3	9/32	303	BS	420	A	A	E		
	** 195/ 60R14	86H	13829	51	1,168	530	6.0	5.5~7.0	201	7.9	590	23.2	-	-	269	BS	420	A	A	E		
	** 185/ 60R14	82H	13828	51	1,047	475	5.5	5.0~6.5	189	7.4	578	22.8	-	-	264	BS	420	A	A	E		
	** 165/ 60R14	75H	13827	51	853	387	5.0	4.5~6.0	170	6.7	554	21.8	-	-	255	BS	420	A	A	E		
	185/ 65R14	86H	13243	51	1,168	530	5.5	5.0~6.5	189	7.4	596	23.5	7.0	9/32	271	BS	420	A	A	E		
	175/ 65R14	82H	13234	51	1,047	475	5.0	5.0~6.0	177	7.0	584	23.0	7.0	9/32	267	BS	420	A	A	E		
	* 205/ 70R14	98T XL	13818	50	1,653	750	6.0	5.0~7.0	209	8.2	644	25.4	7.3	9/32	290	BS	420	A	A	E		
	* 195/ 70R14	91T	13817	51	1,356	615	6.0	5.0~6.5	201	7.9	630	24.8	7.3	9/32	285	BS	420	A	A	E		
	* 185/ 70R14	88T	13816	51	1,235	560	5.5	4.5~6.0	189	7.4	616	24.3	7.0	9/32	279	BS	420	A	A	E		
	* 175/ 70R14	84T	13815	51	1,102	500	5.0	4.5~6.0	177	7.0	602	23.7	7.0	9/32	274	BS	420	A	A	E		
	** 165/ 70R14	85T XL	13825	50	1,135	515	5.0	4.0~5.5	170	6.7	588	23.1	-	-	268	BS	420	A	A	E		
13 inch	* 165/ 65R13	77H	13821	51	908	412	5.0	4.5~6.0	170	6.7	544	21.4	7.0	9/32	248	BS	420	A	A	E		
	155/ 65R13	73T	13242	51	805	365	4.5	4.5~5.5	157	6.2	532	20.9	7.0	9/32	244	BS	420	A	A	E		
	185/ 70R13	86T	13241	51	1,168	530	5.5	4.5~6.0	189	7.4	590	23.2	7.0	9/32	266	BS	420	A	A	E		
	175/ 70R13	82H	13239	51	1,047	475	5.0	4.5~6.0	177	7.0	576	22.7	7.0	9/32	261	BS	420	A	A	E		
	165/ 70R13	79T	13238	51	963	437	5.0	4.0~5.5	170	6.7	562	22.1	7.0	9/32	255	BS	420	A	A	E		
12 inch	155/ 70R13	75T	13237	51	853	387	4.5	4.0~5.0	157	6.2	548	21.6	7.0	9/32	250	BS	420	A	A	E		
	155/ 70R12	73T	13236	51	805	365	4.5	4.0~5.0	157	6.2	523	20.6	7.0	9/32	237	BS	420	A	A	E		
	145/ 70R12	69T	13235	51	716	325	4.5	3.5~5.0	150	5.9	509	20.0	7.0	9/32	232	BS	420	A	A	E		

※ These data can be changed by the manufacturer without prior notice, and differently applied by regions.
※ Blank space : Under development. Engineering data not confirmed.
* Available at the 2nd Quarter of 2014 / ** Available at the 3rd Quarter of 2014/ *** Available at the 4th Quarter of 2014



NEXEN **NEXEN TIRE** www.nexentire.com

SALES HEADQUARTER 2~4FL. NEXEN BLDG. 796-27 BANGBAE-DONG SEOCHO-GU, 137-060, SEOUL, KOREA
T 82-2-3476-2782 F 82-2-3476-2205~6



NPriz SH9i
Delivers Superb Control and Durability

NEXEN **NEXEN TIRE**



A New Concept in High Performance Tires that Delivers Superb Control and Durability

NPriz SH9i Key Performance

01



Highly robust against road hazards

02



More resistant to abrasion by preventing partial abrasion

03



Improved braking performance

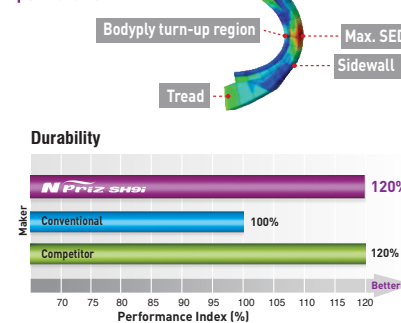
01 | Highly robust against road hazards

Design of structure for durability

Possible damage to the tire from road hazards can be minimized by improving the robustness of the product through an optimized design that distributes stress through computer simulation to predict stress concentrations when driving.

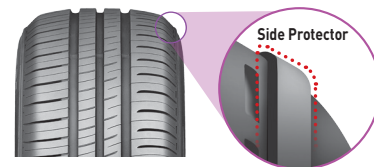


Durability Performance Simulation



Side protector fitted

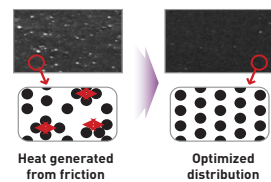
The side protectors fitted to the tire can protect it from damage from road hazards



02 | More resistant to abrasion by preventing partial abrasion

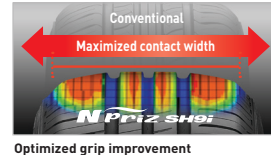
Special compound for low heat & higher abrasion resistance

Molecular weight control and the application of a low hysteresis polymer and highly dispersed carbon black keep the compound from heating up.

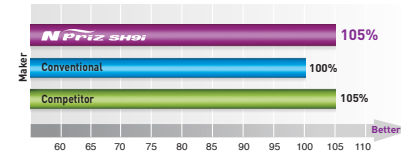


Product life extended by preventing partial abrasion

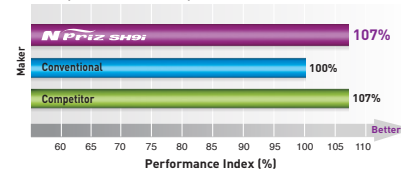
Partial abrasion can be avoided by uniformly distributing the grip on the tire surface through the even division of the pattern block and the maximization of tread.



Wear



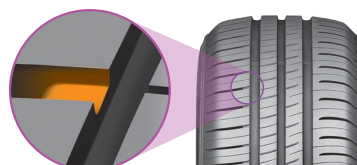
TAW (Tread Arc Width)



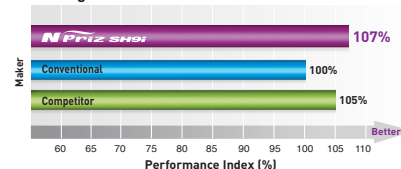
03 | Improved braking performance

Better braking

Braking performance can be improved by maximizing vertical stiffness through the 3D-design of the cross-section of the block



Braking



NPriz SH9i

Pattern Design & Construction

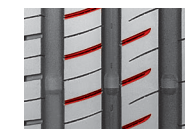
Center Traction Rib

The zigzag layout of the center rib provides maximum traction.



Siped Grooves

A siped lateral groove can ensure maximum block stiffness to provide better straight driving and braking performance.



Comes with an improved carcass structure

The newly adopted optimized carcass contour system (OCCS) offers greater robustness by minimizing tire deformation during high speed driving.

OCCS Optimized Carcass Contour System

Seamless, high stiffness cap ply

This cap ply offers better driving stability and enhanced robustness by preventing tire deformation from road impact.

Reinforced block stiffness



An optimized lateral groove offers maximum block stiffness, ensuring better handling and more stable steering.

Pocket shape of shoulder



The improved pocket fitted to the side of the shoulder facilitates the effective release of heat generated during driving and ultimately improves robustness.

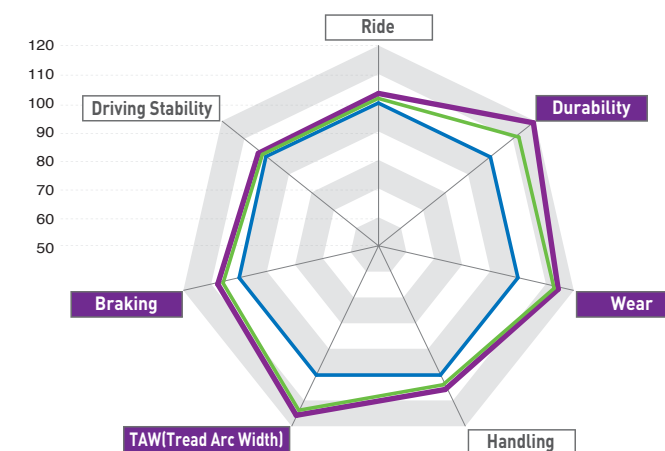
Low-heat, abrasion resisting compound fitted

Higher robustness and better anti-abrasion can be achieved with the help of the newly fitted low-heat, abrasion resisting compound.

Better protection for the side

A newly adopted protector can prevent damage to the side resulting from bumpy road conditions and ultimately offer better driving stability and greater robustness.

Performance Radar Charts



NPriz SH9i has much greater robustness and anti-abrasion ability than any of its predecessors.

NPriz SH9i
Conventional
Competitor

* Test Site: Korean Automobile Technology Institute, KOREA
Texas Test Fleet, USA
Laredo Proving Grounds, USA

* Test Size : 175/65R14

NEXEN NEXEN TIRE