

ZOVAC HP W401

Pattern Code : W401



Studdable Winter Radial

A 70/82 series radial with aggressive tread pattern of studdable type for extra traction on icy and snowy roads. Two wider straight grooves and two zig-zag grooves provide good drainage on wet roads.



Meets the severe snow service requirement of the Rubber Manufacturer's Association (RMA)

- S & Q-Rated
- 70/82 Series
- Serrated Black Letter
- White Sidewall

Size & Specifications

S-Code	Size	L I & S/S	Measuring Rim	Rim Width Range	Maximum		Overall Diameter	Section Width	Tread Width	Tread Depth	Revs / Mile	Sidewall Type
					Air	Load						
1001754	155R12	76Q	4.5	4.0-5.0	44	882	21.7	6.1	4.4	13.5	957	SBL
1001756	155R13	78Q	4.5	4.0-5.0	44	937	22.6	6.1	4.4	13.5	919	SBL
1001732	P185/70R13	85S	5.5	4.5-6.0	44	1,135	23.1	7.3	5.3	13.5	899	WSW
1001737	205/70R14	95Q	6.0	5.0-7.0	44	1,521	25.2	8.1	5.8	13.5	824	SBL

*SBL : Serrated Black Letter *WSW : White Sidewall *TSMI No.12 Recommended for Stud Pin *Technical data subject to change without prior notice.

Basic Tire Knowledge

Definitions

- Overall Diameter** | Diameter of the tire from tread surface to tread surface while inflated but unladen.
- Tread Width** | The width of the tread surface, designed for contact with the road.
- R. P. M.** | Revolutions Per Mile
- Rim Width** | Distance between the inside of the rim flanges.
- Section Height** | Distance from the bead seat to the outer tread surface of the inflated tire.
- Section Width** | Distance between the outer sidewalls of an inflated tire.

Speed Symbol

Speed Symbol	Speed (km/h)	Speed (mp/h)	
K	110	68	
L	120	74	
M	130	81	
N	140	87	
P	150	93	
Q	160	99	
R	170	106	
S	180	112	
T	190	118	
U	200	124	
H	210	130	
V	240	149	
ZR	W	270	168
	Y (Y)	300 Above 300	186 Above 186

Load Range Chart

Load Range (LR)	Ply Range (PR)
A	2
B	4
C	6
D	8
E	10
F	12
G	14
H	16
J	18
L	20
M	22
N	24

Tread Design

Optimal pitch arrangement designed by computer simulation to minimize pattern noise and steering stability.



Multi Sipe & Stud Pin

Enhance the winter performance especially maximum stud pin arrangement for increasing snow & ice performance.

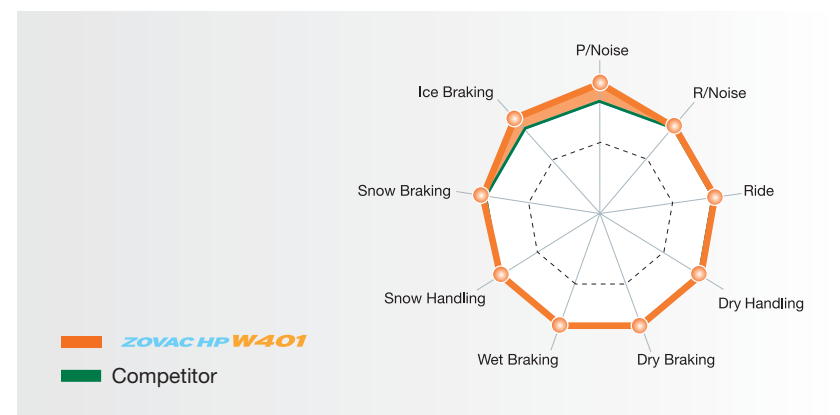


Deep Groove Depth

Provide outstanding snow traction & wear resistance.



Test Results



Footprint pressure through FE Analysis for even wear & excellent driving stability on snowy and icy roads.

