

Alpike

A TIRE WITH **OPTIMAL SNOW TRACTION**

Heavy snowfall and freezing due to global warming



NORMAL MODE



SNOW MODE





Snow traction performance has been optimized by designing not only the tire tread, but also the entire wheel system, to ultimately solve the problems associated with sudden snowfall and freezing.

DUE TO GLOBAL WARMING, UNEXPECTED HEAVY SNOWFALL AND COLD WEATHER PATTERNS ARE ON THE RISE.

Alpike, futuristic and prepared to take on such an environment, provides optimal dry grip, cornering and down-force performances in general and heavy snow driving conditions: Optimal traction in heavy snow driving conditions is achieved by the wide lateral grooves that are formed by the pneumatic pump in the hub.

Alpike // DYNAMIC & SNOW TIER

*CONCEPT



FLAT TREAD

As the tread is flat in normal driving conditions, it provides optimal dry-grip, cornering, and down-force performances.



Spoke width widens



Tire becomes shorter

Hub spacing adjustment method

CHANGE SHAPE

Alpika // DYNAMIC & SNOW TIER *PERFORMANCE



EXPANDED TREAD

Optimal traction in heavy snow driving conditions is achieved by the wide lateral grooves that are formed by the pneumatic pump in the hub. In addition, the changeover has the effect of raising the vehicle's height, preventing the vehicle from sinking in snow, to make continued driving possible.



Spoke width narrows



TIRE BECOMES TALLER



Alpika // DYNAMIC & SNOW TIER *PERFORMANCE

INNOVATIVE WHEEL SYSTEM

CONCEALED STUDS

Sharp studs, located inside the lateral grooves formed by the changeover, provide powerful ice grip performance.



16 TREAD SHAPES

As the tire is configured in 16 repeating module forms, it has an advantage in that only the required parts need to be replaced when damaged: It essentially eliminates the shortened lifespan of the tire due to an accident. In addition, as the tire can be assembled with 16 blocks manufactured using a mold, an 80% savings in mold production cost is possible.





SOLUTION TO HEAVY SNOW AND COLD WEATHER PATTERNS

For drivers who live in regions with little snowfall, the inconvenience of having to change over to snow tires in anticipation of heavy snowfall and back to summer tires is minimized. In addition, although a regular winter tire has to compromise a certain portion of its performance while being driven on roads with no ice or snow, Alpique fully satisfies the driver's desires with no such compromise. It also differentiates itself from regular winter tires by resolving the problems associated with cars slipping on snowy roads and sinking in snow.

Alpique