Snow tyres in winter – with good reason!

Driving safely from October to Easter.
When thinking about snow tyres, for many, a skiing vacation or heavy snowstorms are the first things to come to mind. Yet, snow tyres make driving much safer in temperatures starting at 7 °C. Whereas the summer tyre hardens, the rubber compound of the snow tyre remains soft and flexible and guarantees optimal grip. On ice and snow, the snow tyre unfolds its true strength.

Breaking in snow at 50 km/h.^

Winter tyres
33 m
Residual speed: 35.4 km/h

Summer tyres

Critical: tread depth.
With increasing reduction in tread depth, tyres lose their ability to fully unfold their winter driving characteristics. This is, e.g., noticeable when trying to start driving your car in snow or ice with a tyre that is almost worn down. However, the difference between a tyre with sufficient tread and one that is almost bald becomes even more noticeable when breaking. This is why experts recommend replacing tyres with a remaining tread depth of 4 mm – before risking an accident.

Breaking with the correct tread depth at 50 km/h.^

With 8 mm tread depth
14 m
Residual speed: 27.9 km/h

With 4 mm tread depth
26 m
Residual speed: 33.8 km/h

With 1.6 mm tread depth (legal minimum)

The symbol of winter performance.
Semperit welcomes the introduction of the law requiring the mandatory fitting of winter tyres as well as the associated growing importance of winter tyres. However, the M+S symbol does not define a certain level of performance in snow or other wintry conditions and is thus of limited significance as a label.

For this reason, Semperit recommends also looking out for the Alpine symbol ("Snowflake on the Mountain") and a profile depth of at least 4 mm when purchasing winter tyres for cars, SUVs and Vans. Only by doing so consumers can ensure optimal safety in wintry conditions. All Semperit winter tyres conform to the industry standard and bear the Alpine symbol.

Semperit – alpine proven. With good reason!
For over 70 years, the Semperit brand has stood for modern winter tyres.
The origins of the brand in Austria give credence to its "alpine proven" quality claim, which promises maximum safety even under the most extreme alpine conditions. Serpentines, steep gradients and changing weather conditions in high mountainous regions place tough demands on tyres in terms of grip during braking and setting off.

Good marks in the test reports published by the trade press confirm that you can rely on Semperit winter tyres.

* The breaking distances and breaking times were calculated by using standard passenger vehicles. The diagrams displayed here are for illustration purposes only. The varying influence of a broad individual vehicle is dependent on a broad range of factors, including, tires, brakes, engine and so on. The breaking distances shown are the results obtained using a general set of circumstances. Please inadvised to reference this data.

www.semperit.com
Semperit – at home in the Alps!

Speed-Grip 2 – The winter athlete
For powerful medium range and luxury vehicles and SUVs
175 to 255 mm – 15" to 19" – Series 70 to 40 – T/H/V (up to 240 km/h)

- Improved performance on snow
  Additional gripping edges ensure improved grip of the tyre on wintry road surfaces when accelerating and braking.
- Very good braking on ice
  The middle area of the tyre interlocks safely with icy roads for best braking performance on icy road surfaces.
- Good dry handling
  Sporty driving experience on dry road surfaces thanks to a special tread pattern design.
- Very good snow traction
  A special pattern structure offers you very good traction and grip during accelerating and braking.
- Excellent snow handling
  The tyre ensures that the traction and braking forces are transferred to the road for an excellent performance on snow.
- Safe ice braking
  Due to the increased contact area between the rubber and the ice as well as the effective dispersion of water the tyre guarantees safe braking on ice.
- Improved snow performance
  Significantly improved grip and shorter braking distances, even under heavy load thanks to improved interlocking of the tyre on snow-covered roads.
- Good aquaplaning performance
  Due to wide tread pattern grooves water is dispersed more efficiently for safe driving on wet and slushy roads.
- Reduced rolling resistance
  Improved rubber compound for excellent grip and reduced rolling resistance which results in lower fuel consumption.

Master-Grip 2 – The snow professional
For compact and medium range cars
135 to 195 mm – 13" to 15" – Series 80 to 55 – T (up to 190 km/h)

- Improved performance on snow
- Additional gripping edges ensure improved grip of the tyre on wintry road surfaces when accelerating and braking.
- Very good braking on ice
  The middle area of the tyre interlocks safely with icy roads for best braking performance on icy road surfaces.
- Good dry handling
  Sporty driving experience on dry road surfaces thanks to a special tread pattern design.
- Very good snow traction
  A special pattern structure offers you very good traction and grip during accelerating and braking.
- Excellent snow handling
  The tyre ensures that the traction and braking forces are transferred to the road for an excellent performance on snow.
- Safe ice braking
  Due to the increased contact area between the rubber and the ice as well as the effective dispersion of water the tyre guarantees safe braking on ice.
- Improved snow performance
  Significantly improved grip and shorter braking distances, even under heavy load thanks to improved interlocking of the tyre on snow-covered roads.
- Good aquaplaning performance
  Due to wide tread pattern grooves water is dispersed more efficiently for safe driving on wet and slushy roads.
- Reduced rolling resistance
  Improved rubber compound for excellent grip and reduced rolling resistance which results in lower fuel consumption.

Van-Grip 2 – The resilient
For MPVs, minibuses and light vans
165 to 235 mm – 14" to 16" – LI to 121/120 – Q/R/T (up to 190 km/h)
- Improved snow performance
- Significantly improved grip and shorter braking distances, even under heavy load thanks to improved interlocking of the tyre on snow-covered roads.
- Good aquaplaning performance
  Due to wide tread pattern grooves water is dispersed more efficiently for safe driving on wet and slushy roads.
- Reduced rolling resistance
  Improved rubber compound for excellent grip and reduced rolling resistance which results in lower fuel consumption.
- Low noise level
  The tyre offers a quiet ride.

Testgood (2.4)
Size
195/65 R 15 91 T
14 winter tyres tested
ADAC Motorwelt 10/2014
Speed-Grip 2
11/2014
Semperit Van-Grip 2
225/75 R 16 C
“good”