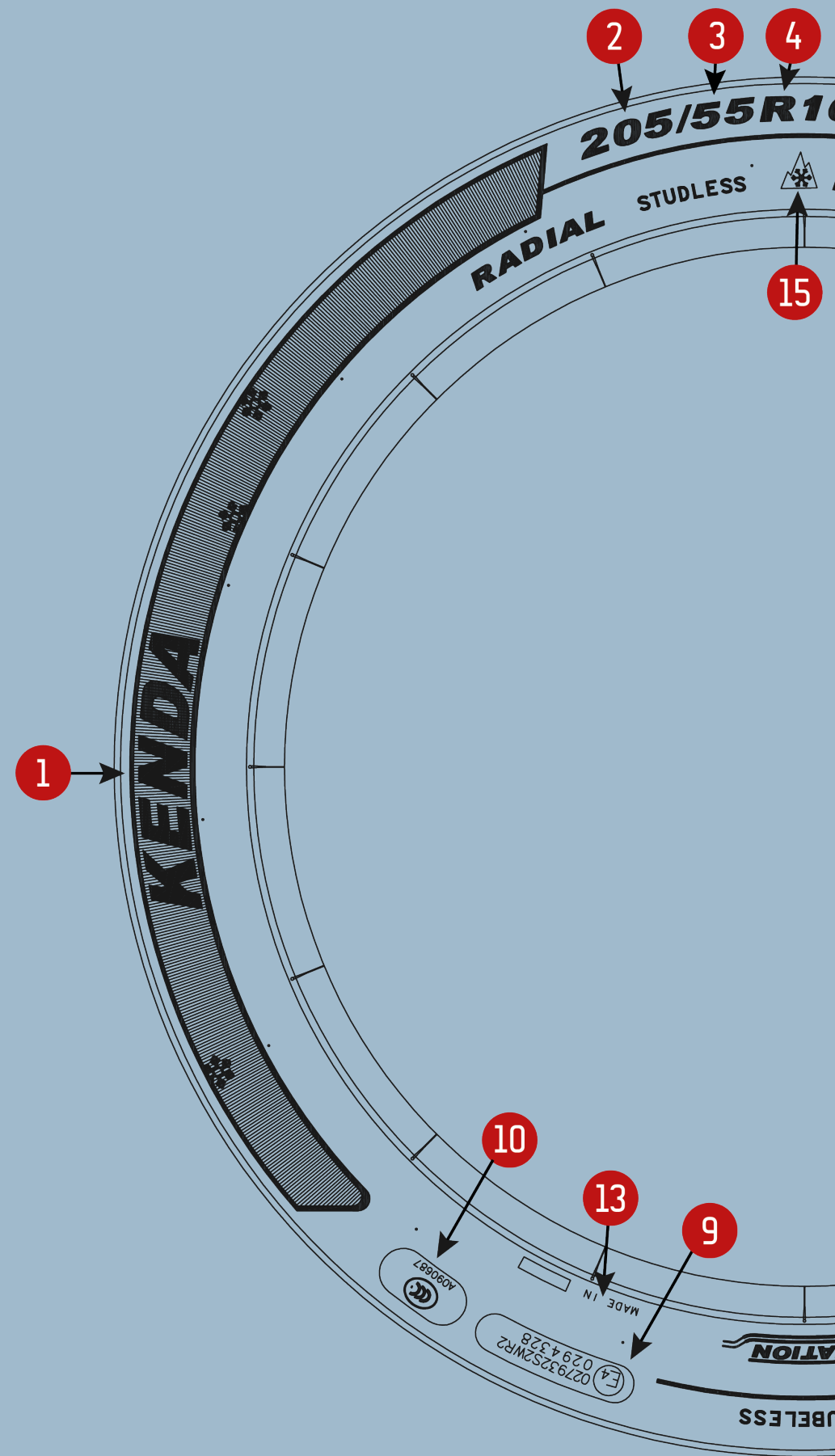




Do you know what
these mean?



How to read
your sidewall
(and make smarter choices)





Your tires hold key details that
affect your driving safety,
performance and cost.

We break down the numbers and
symbols so you can choose tires
confidently.

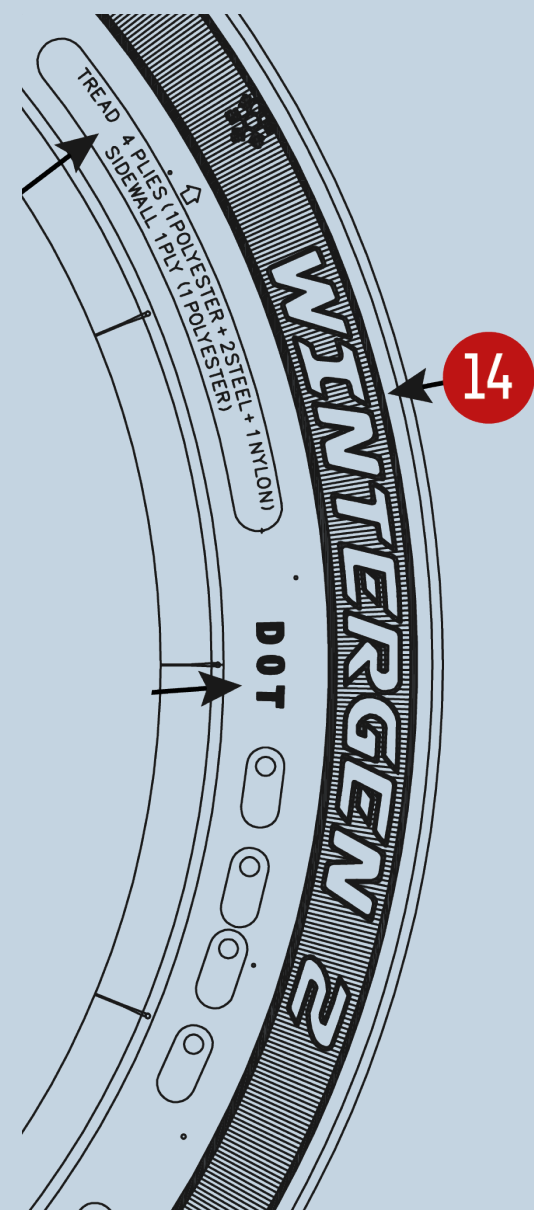
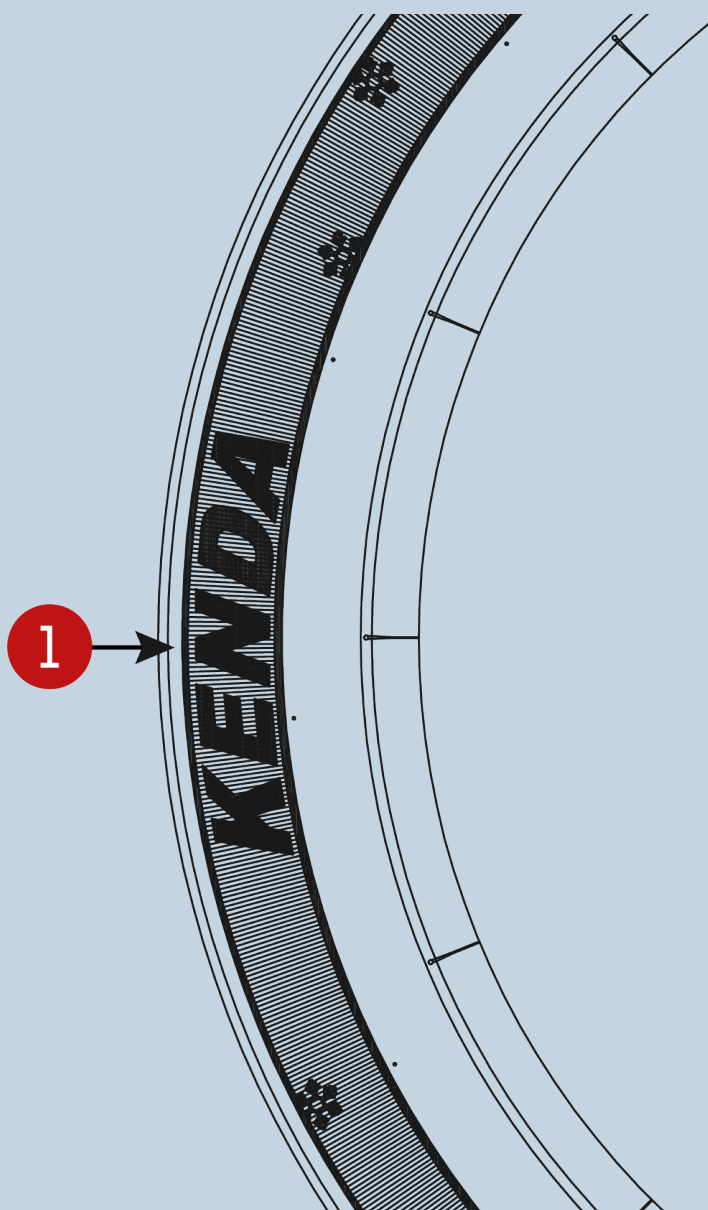


- # 16. M+S



Brand and pattern

- 1** **Brand:** The manufacturer or brand of your tire
- 14** **Pattern:** The name of your tire's pattern. In our example, it is the Wintergen 2 - our best-selling winter tire for passenger cars.



Tire size

2

Tire width: The width from sidewall to sidewall in millimeters. A higher number = a wider tire. The width of the tire can affect grip and stability.

3

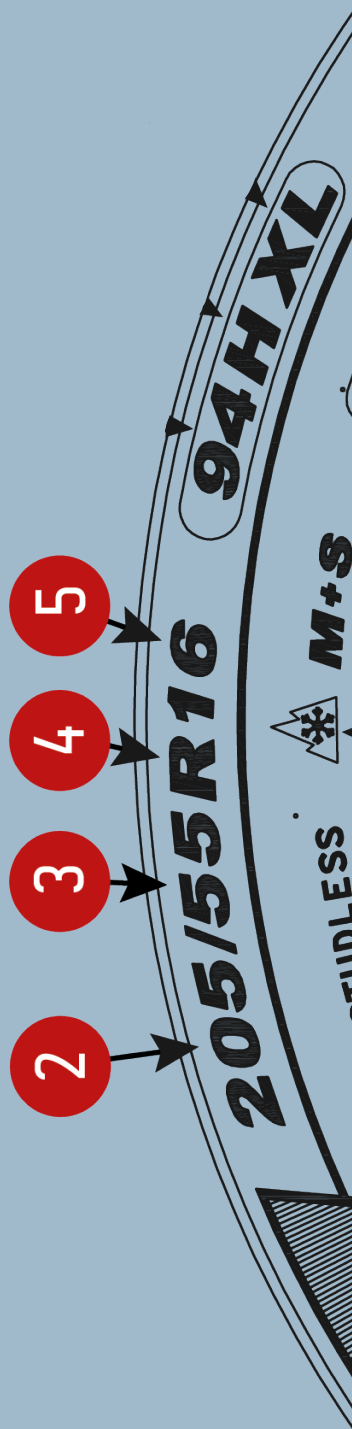
Aspect ratio: The sidewall height expressed as a percentage of the tire's width. A lower number = a lower sidewall. A lower sidewall can provide sportier handling, but less cushion over bumps.

4

Construction: How the tire's internal layers (plies) are constructed. The R indicates a Radial construction, the standard for modern high-speed tires.

5

Wheel diameter: The diameter of the wheel that the tire is designed to fit in inches. Make sure this matches your car's wheel size for a proper fit.





Load and speed

6

Load index: The maximum weight your tire can safely carry when properly inflated. Always check your vehicle's load requirements.

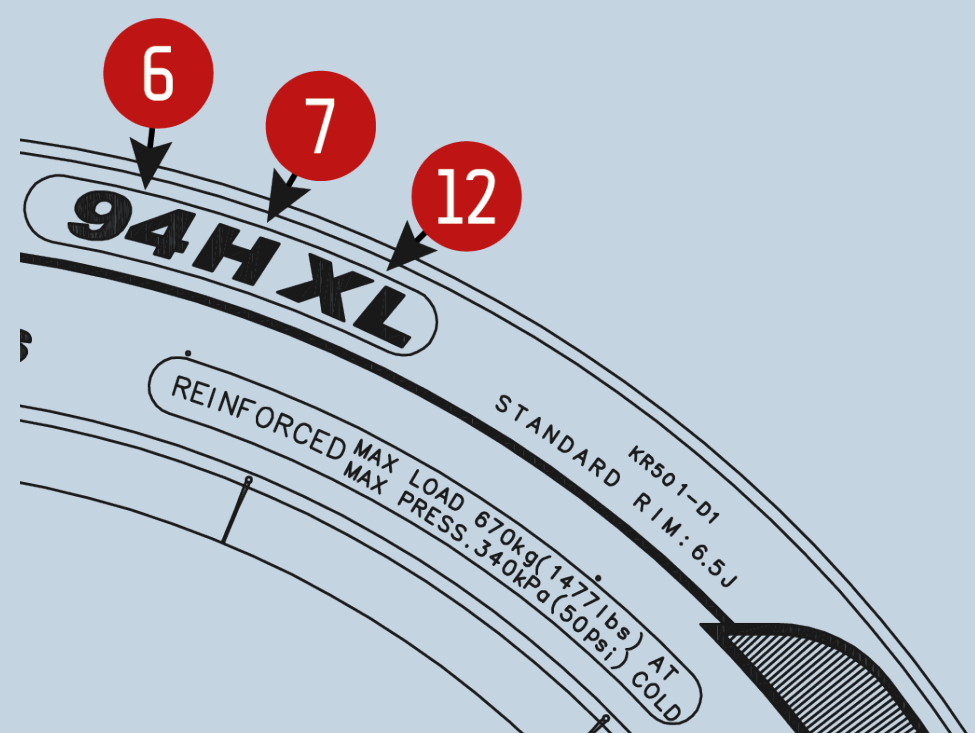
7

Speed rating: The maximum speed the tire can safely handle. In this case, the H means a maximum speed of 210 km/h.

12

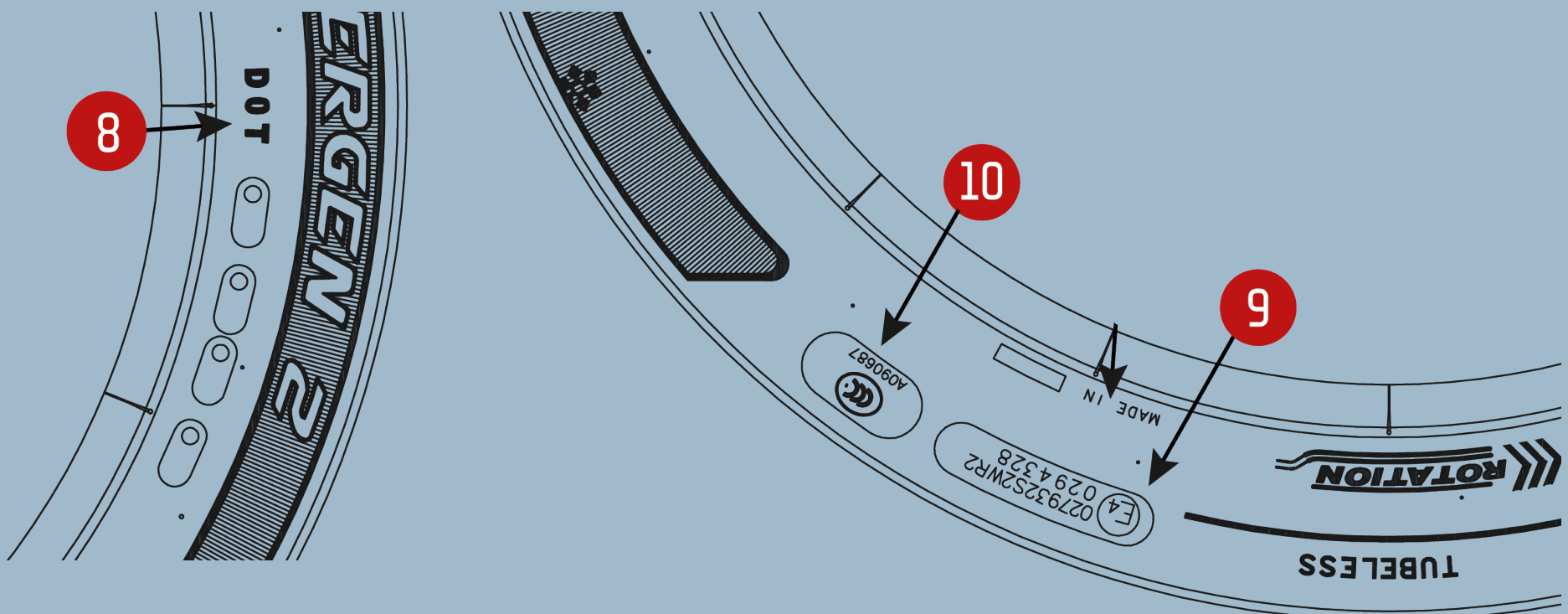
Extra Load (XL): Tires with this mark have reinforced structures for heavier loads or more demanding driving conditions.

Speed Rating	Speed (km/h)	Speed (mph)
Q	160	99
R	170	106
S	180	112
T	190	118
U	200	124
H	210	130
V	240	149
W	270	168
Y	300	186
ZR	Over 240	Over 150



Safety and compliance

- 8** **DOT Code:** A unique code that shows compliance with U.S. safety standards and reveals where and when the tire was manufactured (e.g., '2212' means the 22nd week of 2012).
- 9** **ECE Approval Number:** Indicated by an 'E' in a circle, this confirms that the tire meets EU safety regulations.
- 10** **E-approval number:** Indicated by an 'E' in a frame, this confirms that the tire meets EU noise regulations.





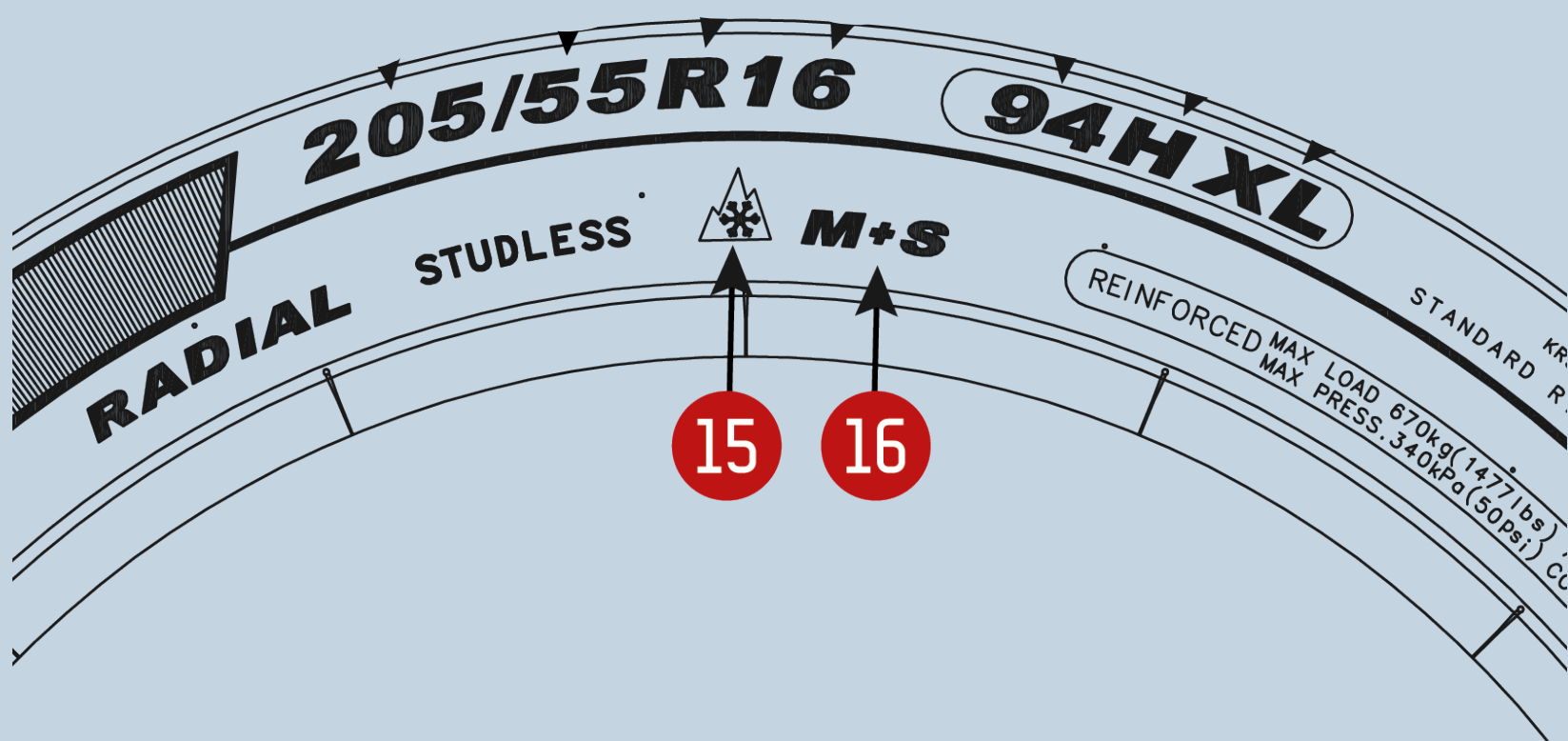
Winter and off-road performance

15

3PMSF: The Three-Peak Mountain Snowflake means the tire is certified for snow traction, meeting EU standards for winter driving.

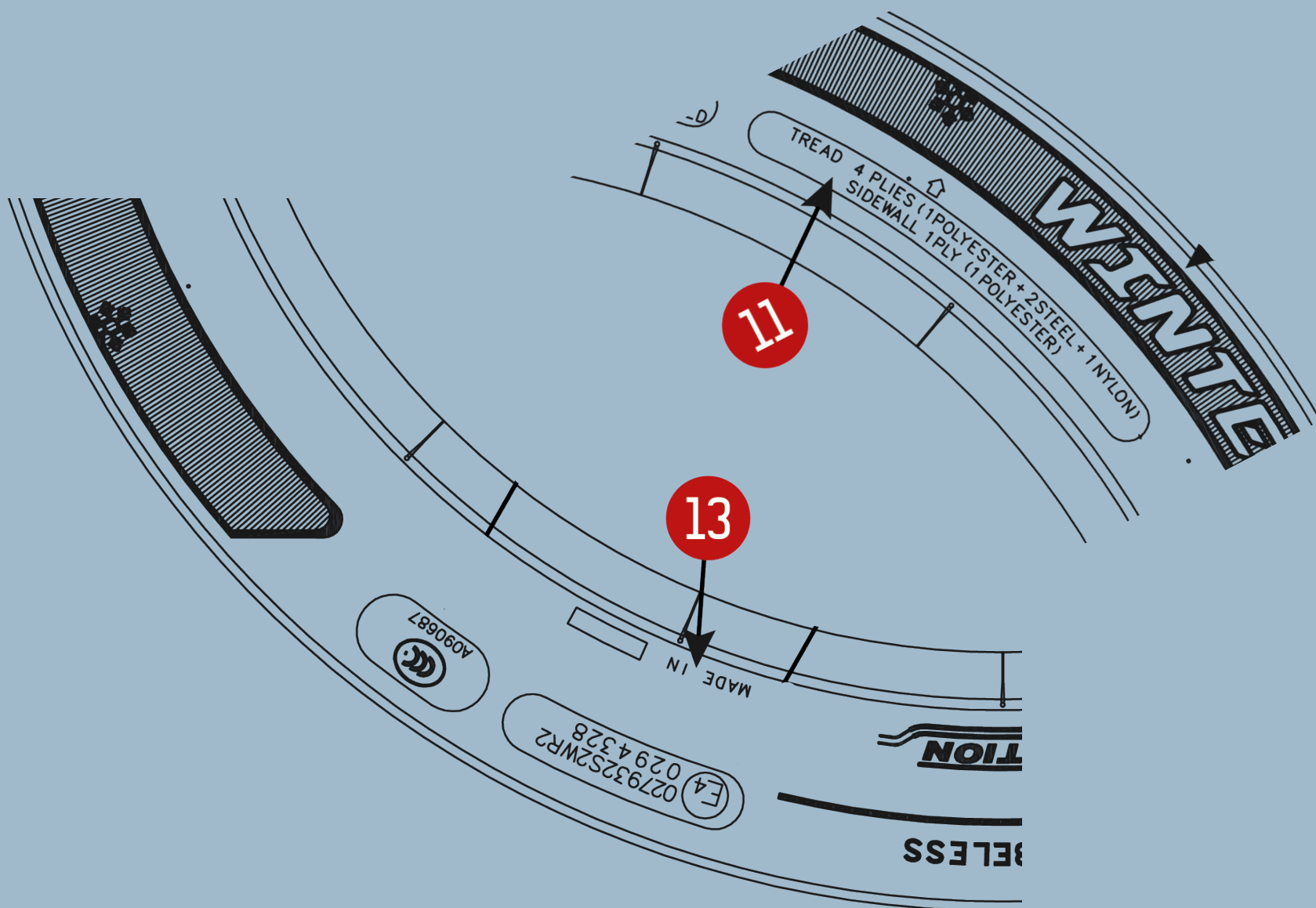
16

M+S: Mud and Snow marking indicates better traction in mud or snow, but it's not a full winter tire certification.



Structure details and origin

- 11 Structure details:** Additional information about the tire's internal makeup and construction materials.
- 13 Country of origin:** The country where the tire was manufactured.





Happy driving!