

TIPS AND TRICKS

Brake Pad

Application
All Vehicles

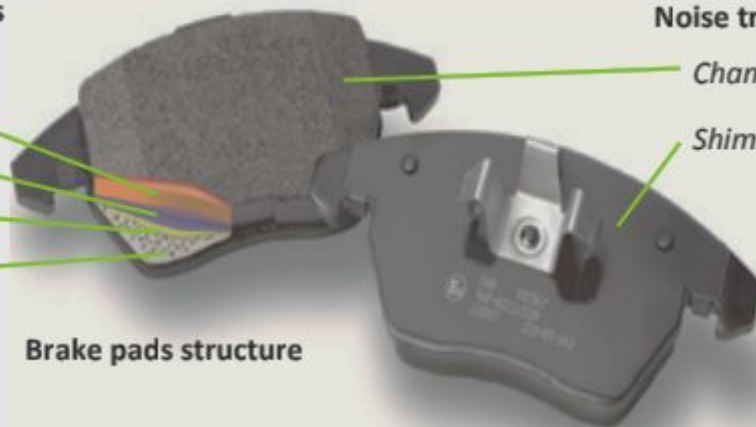


Brake pad structure

Vehicles braking are based on converting the vehicle **kinetic energy to heat**; this conversion is achieved via a **friction process between two materials**. The friction level and its stability are of course key features to an efficient and safe system, the generated noises are as well crucial.

Braking performance & robustness

Friction material
Underlayer
Adhesive
Backing-plate



Brake pads structure

Noise treatment

Chamfers
Shim (insulator)

Composition of friction material

	Friction Coef.	Wear	Noise	Judder
Binders	Neutral	Negative impact	Positive impact	Negative impact
Fibers	Neutral	Neutral	Neutral	Neutral
Abrasives	Positive impact	Negative impact	Negative impact	Positive impact
Lubricants	Negative impact	Positive impact	Positive impact	Negative impact



Website
valeoservice.us/en-us



Technical Assistance
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