



*They're good at this **stuff***

Safety. Yours, your dearest ones, and everyone else's on the road. It is our top priority and the biggest focus when developing new production processes.



breck.pl



***HIGH
SAFETY***





Safety *aware*

It is the philosophy at the foundation of the Breck brand.
It drives the development of our brake pads and discs which
ensure safety and comfortable braking performance.

Explore our products



COMPRESS
CONTROL

HIGH
SAFETY

Breck ***brake pads***

COMPRESS CONTROL

It ensures reliable, precise braking performance of the vehicle thanks to the inspection of the critical manufacturing step of the Breck brake pads. It ensures perfect repeatability of every brake pad through end-to-end automation of the manufacturing process. Each product piece is identical, and a brake pad of repeatable superior quality.

All-weather performance

The reliability of the Breck brake pads has been proven by long-term testing carried out at specialist laboratories and under real conditions on the road.

Environmental sustainability

The Breck brake pads are being manufactured from materials free of heavy metals, including metallic copper or harmful fibres, which considerably reduce the emission of hazardous substances into the environment during operating life of the products.

High performance comfort

Vibration damping and high-pitch noise insulation is ensured for the whole operating life by application of insulating shims which are coated with a dedicated elastomer compound on both sides.

Optimised costs of vehicle ownership

It is thanks to a longer life of the brake pads, testified by millions of users, and a great price to quality ratio of the Breck products.

Original equipment quality

The manufacturing technology of the Breck brake pads meets the OE (original equipment) standards with the quality procedures conforming to **IATF 16949**, ISO 9001, ISO 14001, and PN-N-18001.





Breck ***brake discs***

a perfect match for the Breck pads

Using the brake kits from a single brand helps achieve optimum operating performance to ensure a high level of safety and driving comfort.

The **Breck** brake discs guarantee:

Enhanced resistance to deformation thanks

to an innovative modified cast-iron founding process.

Great comfort of driving

through high quality of manufacture and extremely precise machining.

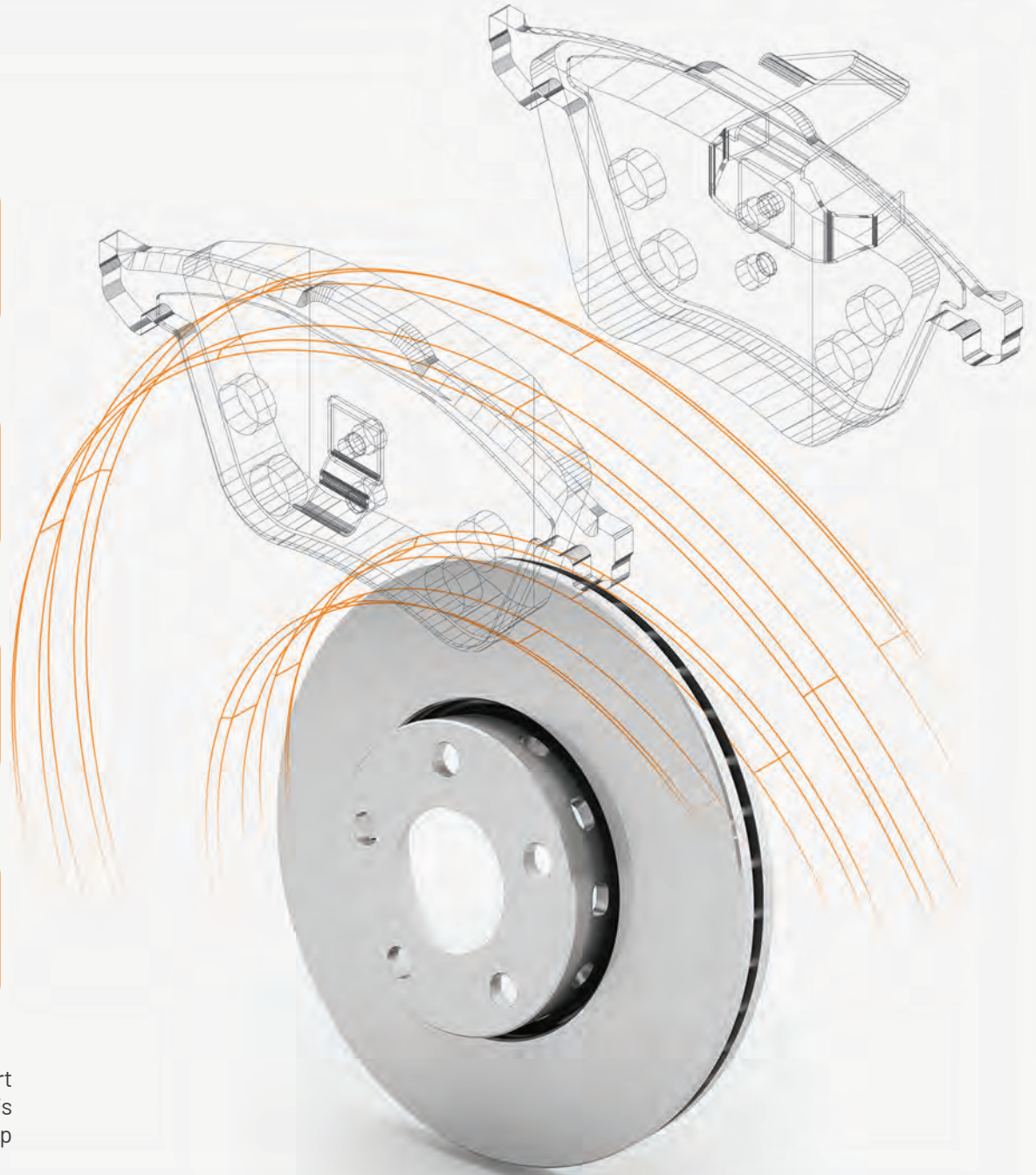
Silent performance of the brakes

from the optimum disc stiffness which reduces the risk of braking vibration and noise.

Easy and quick installation

- the brake disc is ready for installation out of the box, as it **requires no degreasing.**

The production of the Breck brake discs is based on state-of-the-art manufacturing solutions. One of them includes the unique **GEOMET®** coating. It is an environmentally safe **anti-corrosion film**. The coating helps eliminate the step of degreasing to significantly reduce the installation time.





HIGH SAFETY

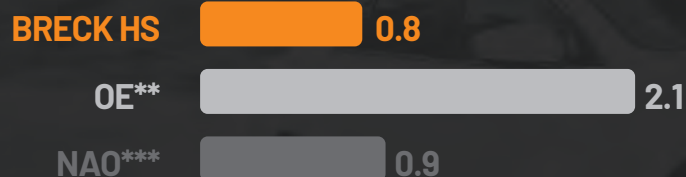
The Breck brand delivers to the needs of the most demanding drivers with a line of brake products dedicated to premium cars. The ceramic brake pads with the ***HIGH SAFETY*** system and the ***HIGH-CARBON*** discs guarantee precise stopping in all weather conditions, a high level of safety, and a lasting performance comfort.

The Breck kits of ***HIGH SAFETY*** brake pads and ***HIGH-CARBON*** discs mean safety and comfort on the road, no matter what the conditions will be.

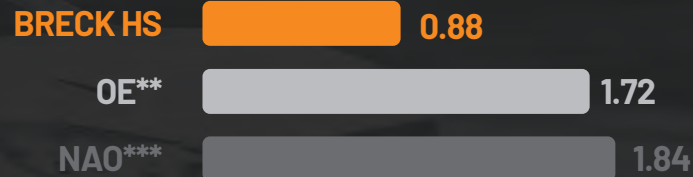
The **HIGH SAFETY** system ensures the highest level of driving safety with reliable and comfortable braking in all conditions. The maximum safety was achieved thanks to the development of a new generation of ceramic friction materials characterized by a very stable friction coefficient. Better friction performance, zero vibration, lower dust emissions, quiet operation, a long life and effective braking of the vehicle are the benefits provided by the Breck brake pads with **HIGH SAFETY** system.

Wear test*

Brake pad material wear, **urban driving** [mm]



Brake pad material wear, **highway driving** [mm]



Superior performance

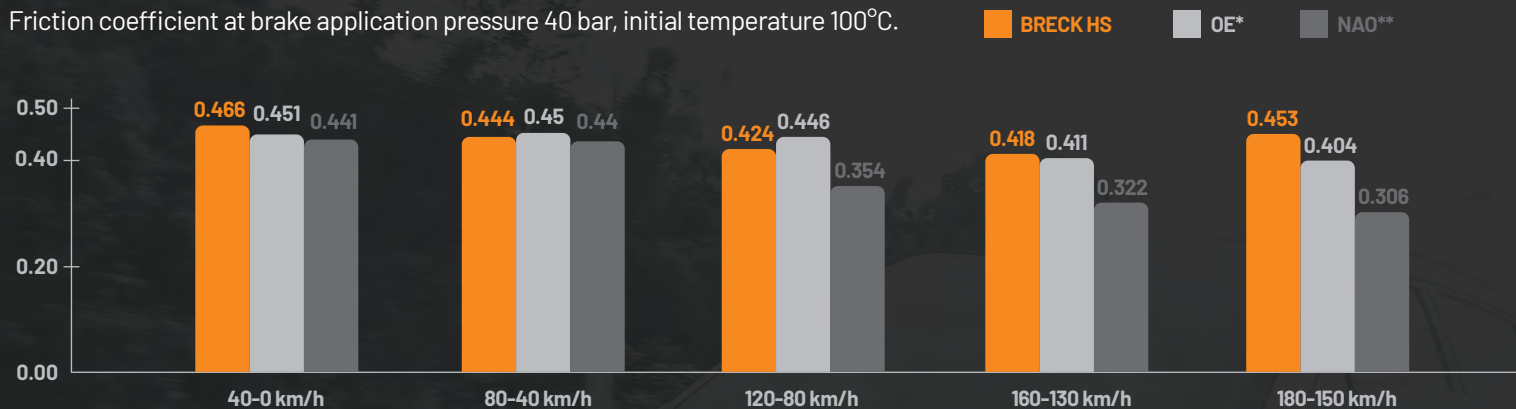
The Breck **HIGH SAFETY** ceramic brake pads excel in performance. To ensure the highest quality and performance standards, our brake pads were tested with a dynamometer. The testing proved that the wear of brake pad material in the Breck **HIGH SAFETY** products in highway and urban driving conditions was **49%** and **62%** lower than of OE brake pad material**, respectively!



* As-tested wear levels SAE J2707.
 ** Original equipment brake pads of the test vehicle.
 *** Ceramic material formula of a selected competitor brand.

Braking performance assessment (AK master)

Friction coefficient at brake application pressure 40 bar, initial temperature 100°C.



✓ **Braking comfort**

The **HIGH SAFETY** system is the guaranteed application of **high-quality components and friction materials** in the Breck brake pads which are engineered for OE applications and to **OE specifications**. The testing process helped to deliver a brake pad material with optimal heat transfer which improved braking comfort. **During the driving tests at Mojacar** with NVH measurements, noise (mainly screeching) and brake system characteristics were determined in hot, low humidity climates with good results.

✓ **Environmentally friendly**

A lower wear of the brake pads extends the life of the product while reducing environmental emissions of brake pad dust. The BRECK brake pads are copper free and compliant to the **Better Brake Rules*****. The **HIGH SAFETY** system is not only the highest level of safety for drivers and passengers, but also for the environment.

✓ **all-weather precision performance**

During real-life testing, the Breck **HIGH SAFETY** brake pads outperformed the reference brake pads from an acclaimed manufacturer brand. The Breck product excelled particularly at high speeds, where precision brake performance matters the most.

* OE brake pads of the test vehicle.

** Ceramic material formula of a selected competitor brand.

*** The Rules establish that all brake friction materials manufactured from 2021 and 2025 must contain less than 5% and 0.5% of copper, respectively. This was legally sanctioned in the USA with the Better Brake Rules, Chapter 173-901 WAC.

BRECK HIGH-CARBON brake discs advantages:

Deformation-resistant

The high-carbon material used in the Breck **HIGH-CARBON** discs helped reduce the risk of deformation.

Reduced braking vibration

The latest materials do not generate the steering wheel shake, even when gently braking at high speed.

Better heat conductivity

The Breck brake discs ensure better heat transmission and reduce the heating of the rotor race.

A perfectly engineered product

The Breck brake discs are made of improved quality cast iron. The manufacturing process is strictly controlled with each component share closely monitored.

Improved driving comfort

The high carbon content in the cast iron material reduces the braking noise.

GEOMET[®] coating

The anti-corrosion coating applied to the entire surface of the disc enables perfect braking performance, a good fit, and easy installation (the brake disc do not require cleaning or degreasing).



Safety at the highest level

The Breck **HIGH-CARBON** brake discs are an excellent choice for those who value safe products made with the best technologies. Thanks to the increased carbon content, the Breck **HIGH-CARBON** brake discs have an improved heat conductivity and a high temperature resistance. The lower proneness to deformation helps reduce the steering wheel shake. All this means safety on the road with a high braking comfort.



Environmentally friendly

a unique novelty in the automotive market.

Increase in the popularity of electric cars and resulting desire to constantly meet the needs of our customers contributed to several months of successful efforts in intensive tests of brake pads, specially adapted to electric vehicles.

As a result, we are now pleased to introduce you to the environmentally friendly Breck Electro.

Meet **Breck Electro**





Breck Electro brake pads

The copper-free LU 651 friction material used in the production of Breck Electro pads is eco- friendly and adapted to the braking systems of electric cars, which makes them ideal for such vehicles.

Braking of electric cars

The use of the electric motor to slow down the vehicle leads to rare use of the brakes, which in turn can result in the formation of oxides covering the surface of the pads and discs, and consequently changing the friction characteristics - **with Breck Electro you don't have to worry about it.**

High wear resistance

Breck Electro pads provide friction materials characterized by **good vibro-acoustic features** which enable the brake discs have high resistance to wear-and-tear. In addition, the material demonstrates low PM10 and PM 2.5 dust emissions.

Environmentally friendly

Breck Electro **copper-free** brake pads have a **low steel content and a high level of resistance to corrosion.**

Confirmation tests

Tests carried out over many months have proven that the blocks will work in any situation, even such extreme as when it is necessary to brake a loaded vehicle from maximum speed.

LU 651 is a friction material with similar friction characteristics to OE material. It is very resistant to temperature rise and increased speed, so the pads and discs remain in excellent condition.





See our full product range and more details about
the Breck brake pads and brake discs on:

[*breck.pl*](http://breck.pl)



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