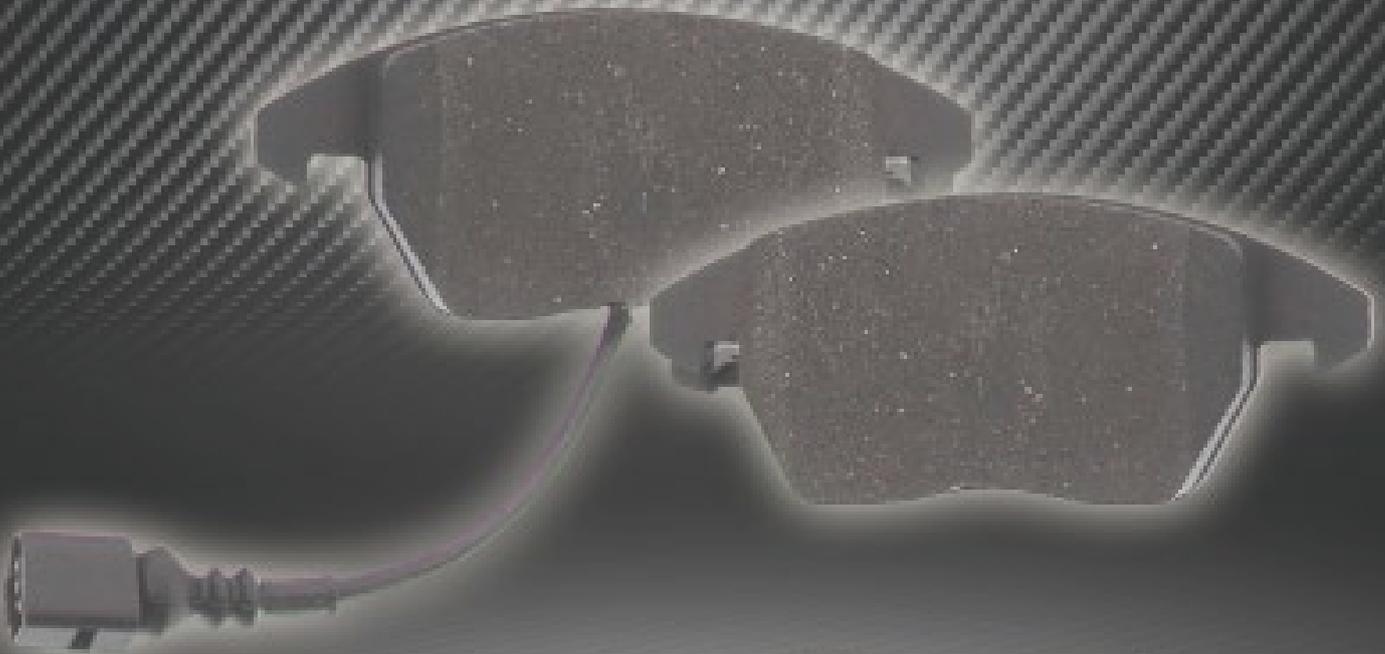


Specialist for brakes



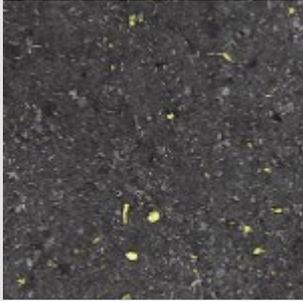
HPS – Carbon-Brake



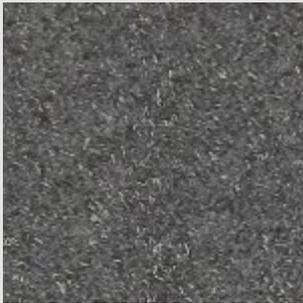
HPS Carbon Brake Pads

Preserve our environment and perform more

Carbon mixture



Low-Metallic mixture



MAPCO Car Technology, today THE full range provider of car wearing parts, has been profiling as specialist for brakes since the 1970ies. Now the manufacturer innovatively amplified its exclusive HPS programme. It offers carbon brake pads for a big number of car models which are characterized by less deterioration, better brake performance and a longer service life. Furthermore, the carbon pads produced according to High Performance Standard (HPS) preserve the environment. The new pads consist of a high-tech mixture of Carbon-Kevlar with a portion of minimum 15%. The extreme material durability causes a significantly lowered abrasion on the brake disc. This leads to a higher service life of the pads and a noticeable improvement of driving comfort. As the optimal operating temperature of the high-quality pads under all driving conditions is 700° C, an overheating of the pads is impossible. The dreaded brake-fading due to long pressure on the brake pedal is eliminated.

The glazing of the pads has been reduced to a minimum. The high-grade Carbon-Kevlar-mixture also prevents significantly the seizing up when the vehicle is not used for a longer time or the corrosion due to humidity and d-icing salts. After all, the service life of the carbon brake pads is increased by 50%. Immediately after the installation, the new HPS carbon brake pads show their noticeable advantages.

The braking characteristics under humid conditions are much better than those of standard pads. There are no pedal and steering wheel wobbling. The reduced abrasion leads to much less brake dust with positive impact on environment. Carbon brakes contribute to less particulate pollution in the air, especially in towns. This also leads to less soiling of the rim which reduces considerably the use of aggressive rim cleaners.

- ✘ HPS pads are made of a high-tech rubbing agent:
The Carbon-Kevlar-mixture has a portion of min. 15%.
- ✘ The metal portion is less than 10%. The rest consists of temperature resistant filling materials such as synthetic and natural resins.
- ✘ Normal MAPCO pads are low-metallic pads.
The portion of metal and copper is between 10 - 30%.
The rest is graphite with an organic filling material

Advantages of innovative HPS brake pads

- ✓ Better driving comfort
- ✓ 50% more service life
- ✓ Quicker levelling after installation
- ✓ Less abrasion of pads and discs
- ✓ No seizing up after long times when vehicle is not used
- ✓ Less brake dust and therefore environmentally sound



HPS brake disks are coated and high-carboned

Advantages of coated brake disks

Excellent protection against corrosion	→	faultless sight area of LM rims
Protection of air vents	→	no oxidation possible anymore
Protection of the wheel hubs (mounting surfaces)	→	no flying oxidation
Imrpeccable visual appearance	→	also after longer use

Advantages of high-carbon brake disks

Fulfil OE standard	→	casting indicator GG20 Gusskennzeichen GG 20
High portion of carbon	→	better thermal conductivity
Strain resistant	→	only minimized emergence of rills
Optimized chemical composition	→	less rubbing, heat cracks, braking noises and vibrations

HPS Brake kits accessories



Repair kits save time and money for garages and their customers. MAPCO meets the steady raising demand and amplifies the range of kits.

Also, the new HPS brake products are offered as complete kits with the accessories for brake pads (clamps, screws, cramps) and including warning contacts.

All brake pads possess fitting anti vibration disks!



www.mapco.com



Wide selection of products, constantly available from stock and brought quickly to the customer

Products of MAPCO® Autotechnik have been sold in the millions. As a manufacturer of high quality spare parts MAPCO® offers more than 27.000 items for brands from Alfa Romeo to Volvo. MAPCO® owns multiple central warehouses in Germany and a variety of warehouses all over the country and throughout Europe called Regional Centers. That is why MAPCO® parts are always nearby, quickly and reliably available to our customers.

MAPCO® products cover a considerable range of mechanical and electronic replacement parts that is divided into five columns:

- Steering/Suspension parts
- Brakes
- Drive Train/Bearings
- Engine environment/Filters
- Electric/Accessories



TecDoc award for MAPCO® Autotechnik

The data quality of MAPCO® is outstanding as well. Hence MAPCO® is a „TecDoc Certified Data Supplier“. Especially our customers from dealerships to workshops benefit from a clear data structure that makes the identification of parts such an easy task.



Contact

MAPCO Autotechnik GmbH
Zentrale
Gregor-von-Brück-Ring 1
14822 Brück · GERMANY

T: +49 33844/75 82-0
F: +49 33844/75 82-55
E-Mail: info@mapco.com
www.mapco.com

MAPCO Autotechnik UK Limited
Unit 8, By-Pass Park Estate
Sherburn-in-Elmet
LS25 6EP Leeds

T: +44 1977/30 14 61
F: +44 1977/68 20 76
E-Mail: info@mapco-automotive.co.uk
www.mapco-automotive.co.uk

MAPCO Autotechnik GmbH
France
23, rue d'Arsonval
F-69680 Chassieu

T: +33 4/37 25 85 97
F: +33 4/72 90 13 73
E-Mail: info.france@mapco.eu
www.mapco-france.com

MAPCO Autotechnik GmbH
Deposito Italia
Via Milano №368
Meriggio (VA) 21020

T: +39 0331/96 87 64
F: +39 0331/97 83 40
E-Mail: adricambi@mapco-italia.it
www.mapco-italia.it