

TEXTAR[®]

BRAKE TECHNOLOGY



LIGHTWEIGHT TECHNOLOGY BY TMD FRICTION

Textar lightweight brake pads

www.textar.com



INNOVATION. PERFORMANCE. SAFETY.
YESTERDAY. TODAY. **TOMORROW.**

SYSTEM REVOLUTION IN CV FRICTION TECHNOLOGY

Textar sets the trend:

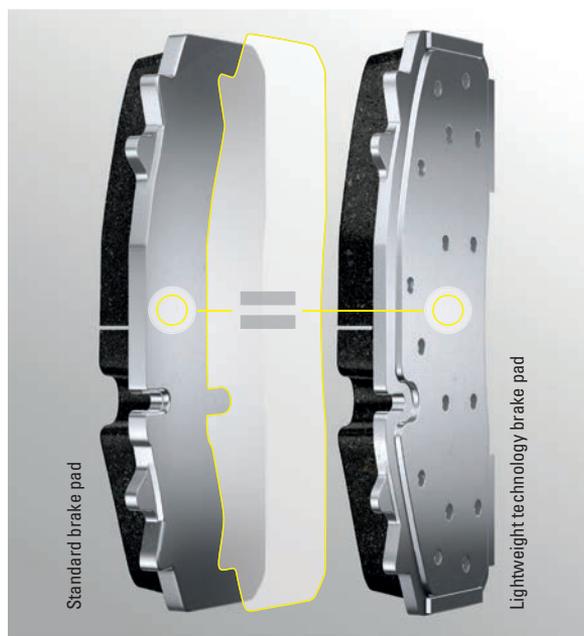
Weight-reducing, cost-saving, environmentally protective

Whether in the OE sector or in the aftermarket – a high percentage of commercial vehicles worldwide are fitted with Textar brake friction, TMD Friction's premium brand. This success is based on our range of products perfectly tailored to the different vehicles and brakes and our strong focus on research and development.

As the first aftermarket brand, Textar is now presenting another innovation – lightweight brake pads for commercial vehicles developed in the "TMD Friction **Lightweight Technology**" program.

Heavy arguments for lightweight design

The challenge of heavy goods trucks in motion is the mass that needs to be accelerated, and stopped again as quickly as possible in an emergency. This results in high fuel consumption and excessive wear of the brake pads.



Any reduction in weight saves costs and, at the same time, protects the environment. However, a brake pad is a relatively small component and, consequently, offers little room to achieve this technically.

Nevertheless, our engineers have succeeded in reducing the weight **without changing the pad geometry** and **without impairing the efficiency** of the brake pads. Therefore, the standard pads used up to now can be replaced with the innovative lightweight brake pads from Textar without difficulty.



Saving made easy

This innovation is based on a thinner and, thus, lighter backing plate for commercial vehicles, manufactured in the "TMD Friction **Lightweight Technology**" program. The slimness of the backing plate is compensated for by an underlayer which has a lower specific weight than steel, while durability and load-bearing capacity of the plate remain the same. Wear on the brake/axle system is minimised due to the reduced weight.

On a 6-axle truck/trailer combination, up to 7.5 kg in weight can be saved, fuel consumption and CO₂ emissions are reduced as a result. Alternatively increased revenue can be generated by additional loading. This pays off for the forwarding agent.

Our **Lightweight Technology** calculator shows the savings potential for your fleet: www.textar.com



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Product launch

The new lightweight pads for single-piston disc brakes will initially be available for Wabco brakes, sizes 17", 19" and 22". Please visit our website for further information on the Textar product range: www.textar.com

**No change in geometry.
Fit and discover the benefits.**

Application-specific friction material,
unchanged dimensions

Underlayer
compensates thinner
backing plate

Weight-optimised backing plate



WHO WE ARE

Textar brake pads are manufactured by TMD Friction, one of the world's leading suppliers of brake friction for the automotive and brake industry.

As the global leader in brake friction technology we are trusted by the biggest brands in the automotive, industrial and rail sectors to deliver effective, reliable and safe braking solutions.

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