

**TEXTAR**

BRAKE TECHNOLOGY



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

TEXTAR brake friction products for commercial vehicles



Distributed by HELLA Australia

[hella.com.au](http://hella.com.au)

# PREMIUM QUALITY FROM THE DRIVING FORCE IN FRICTION

## INNOVATION. HIGH PERFORMANCE. SAFETY.

With origins that can be traced back as far as 1878, TMD Friction has been developing brake friction products for more than 140 years.

Today, as part of the Nisshinbo Group, it is the world's largest manufacturer of Original Equipment and aftermarket brake friction, with research and development and manufacturing sites on four continents, and a global turnover in excess of \$1.1 bn.

As TMD Friction's flagship brand, an uncompromising approach and a multi-million dollar annual investment in product development puts TEXTAR at the cutting-edge of braking technology.

## THE PERFECT FIT

With an ethos that aligns with our philosophy of *premium quality equals long-term value*, TEXTAR is the perfect fit within the HELLA Australia aftermarket product portfolio.

As the exclusive distributor for the TEXTAR brand for commercial vehicles in Australia and New Zealand, we are proud to deliver a comprehensive range of premium quality braking components for the commercial vehicle sector, backed by marketing and technical support provided by our local team.





# DELIVERING LONG-TERM VALUE

Transport and logistics operators carry a heavy burden when it comes to the costs that arise from vehicle downtime, particularly when it's unplanned.

The solution: premium quality parts.

Spare parts make up only a small portion of the total operating costs of a transport fleet. However, the small savings that can be gained by fitting cheaper parts can quickly lead to high maintenance costs. The old adage – *buy cheap, buy twice* – is usually true!

Premium quality parts like TEXTAR last longer and are less prone to failure. Using premium quality parts also reduces the frequency of vehicle maintenance, enabling your vehicles to be earning money more of the time, instead of costing money on a regular basis.

TEXTAR brake pads and linings are engineered to offer longer service life and greater reliability.

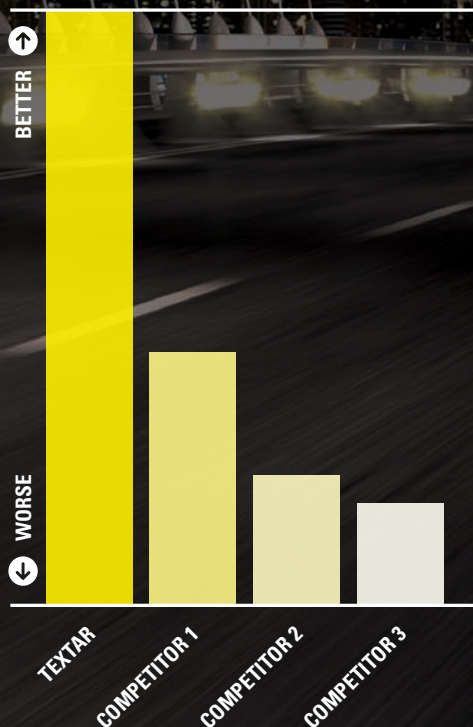
## REDUCING RISK

The argument for choosing premium quality parts is even more compelling when it comes to safety-critical components such as disc brake pads and drum brake linings. After all, why take the risk? Sudden brake failure could leave you counting the costs for many years to come.

TEXTAR brake pads and linings are engineered for maximum performance and maximum safety, by ensuring the shortest possible braking distances and greater stability when braking suddenly from higher speeds.

Do the maths and you'll find that choosing TEXTAR adds up to long-term value and complete peace of mind.

### LIFETIME



**BUY CHEAP**  
**BUY TWICE**

## PAD WEAR TEXTAR VS. NON GENUINE PRODUCTS

It has been proven that TEXTAR pads last longer than many cheaper disc brake pads in the market. In some cases this means you're getting almost twice the distance on TEXTAR.

# PERFORMANCE AND SAFETY THAT ONLY THE ORIGINAL CAN GUARANTEE

TEXTAR is at the heart of TMD Friction's extensive Original Equipment programme, which works in partnership with vehicle, axle and brake system manufacturers around the world.

In fact, more than 70% of European commercial vehicles roll off production lines equipped with TEXTAR brake pads.

## QUALITY FRICTION PRODUCTS FOR QUALITY BRANDS GLOBAL O.E. REFERENCES

Baohua / KIC	Ford Otosan	Kässbohrer	Optare	
Baoben	Foton	Knorr-Bremse	Prevost	
BPW	FUWA	Knott	Renault Trucks	
CNHTC	GFA	MAN	ROR	Volkswagen
Csepel	Haldex	MCI	SAF-Holland	Volvo Trucks & Buses
DAF	Hualing Truck	Menarini	Scania	Wabco (Perrot)
Dennis	Irisbus	Mercedes-Benz	Solaris	Yutong
Dongfeng	Iveco	Meritor	Valx	ZF
EvoBus	Kamaz	Neoplan	Van Hool	



## APPLICATION-SPECIFIC FRICTION SOLUTIONS

The vehicle's characteristics, such as its primary use – whether it is for carrying people or loads – the fully laden weight and its vehicle's maximum speed, are all taken in to account when developing new friction materials and bonding technologies.

TEXTAR's market-leading friction material for drum brake linings, T090, was developed in partnership with BPW specifically for their axles. Likewise, T0100 was developed specifically for SAF. TEXTAR remains the exclusive Original Equipment supplier for these trailer applications as well as being the exclusive supplier of disc brake pads for the new Scania SN 7 HP caliper.

TEXTAR's T7400 continues to be the friction material of choice for the disc brake systems used by bus and coach manufacturers, not least because of its unrivalled wear characteristics.

## TAKING FRICTION TO EXTREMES

As well as being tested to ensure compliance with the European Regulation 90 (ECE R90) safety standard, each new TEXTAR friction component is subjected to an even more rigorous testing regime before being approved for market launch. This includes:

- Up to 300,000 kilometres of testing on the road and up to 2,000 hours of dynamometer testing
- Computerised evaluation of braking performance and wear pattern
- Rigorous homologation testing in real life conditions and in environments with extreme temperatures
- Intensive NVH (Noise, Vibration, Harshness) and comfort engineering.



# DRIVING INNOVATION

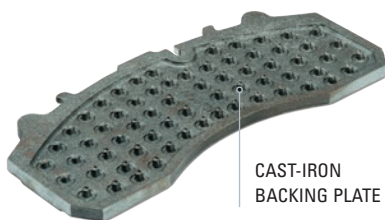
With a significant annual investment in research and development, TEXTAR is at the forefront of friction technology.

The braking of a vehicle requires far more energy than its acceleration and, in doing so, brake pads are exposed to extreme conditions and loads – none more so than those fitted to commercial vehicles.

## ...TO IMPROVE SAFETY

A secure bonding of the friction material to the backing plate is vital. This avoids the friction material shearing away and disintegrating under the extreme temperatures and loads that can be generated within the braking system, which can result in total brake failure.

TEXTAR brake pads for commercial vehicles feature a range of patented backing plate designs and mechanical bonding techniques to provide the necessary shear strength that each application demands:



CAST-IRON  
BACKING PLATE



WELD-MESH  
BACKING PLATE



BACKING PLATE  
WITH PINS

These processes guarantee permanent bonding of the friction material to the backing plate by dramatically increasing shear strength.

## ...TO DELIVER COST SAVINGS AND ENVIRONMENTAL BENEFITS

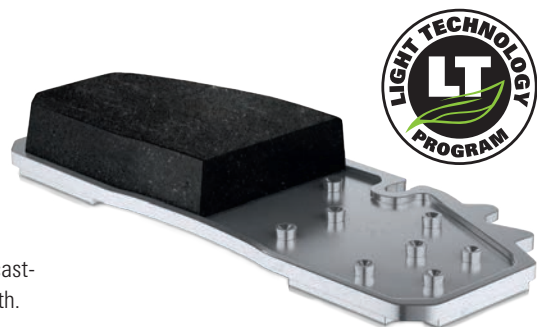
Lighter vehicle components help to reduce vehicle weight, which in turn leads to fuel savings and lower CO<sub>2</sub> emissions.

Now available for a wide range of applications, TEXTAR's new and innovative lightweight backing plate is up to 30% lighter than its cast-iron and conventional steel counterparts with no compromise in strength.

This significant weight saving, compared to conventional commercial vehicle disc brake pads, can contribute to an overall reduction in vehicle weight and an improvement in fuel consumption that can realise noticeable fuel savings over the vehicle's service life. It's truly a case of less is more!



To find out more visit [www.textar.com](http://www.textar.com) and use the online calculator to see the potential savings for your fleet.





# A COMPREHENSIVE BRAKE SERVICE SOLUTION

The TEXTAR range comprises of all the core service components of the braking system: brake pads and discs, brake linings and wear indicators for a wide range of truck, trailer, bus and coach applications.

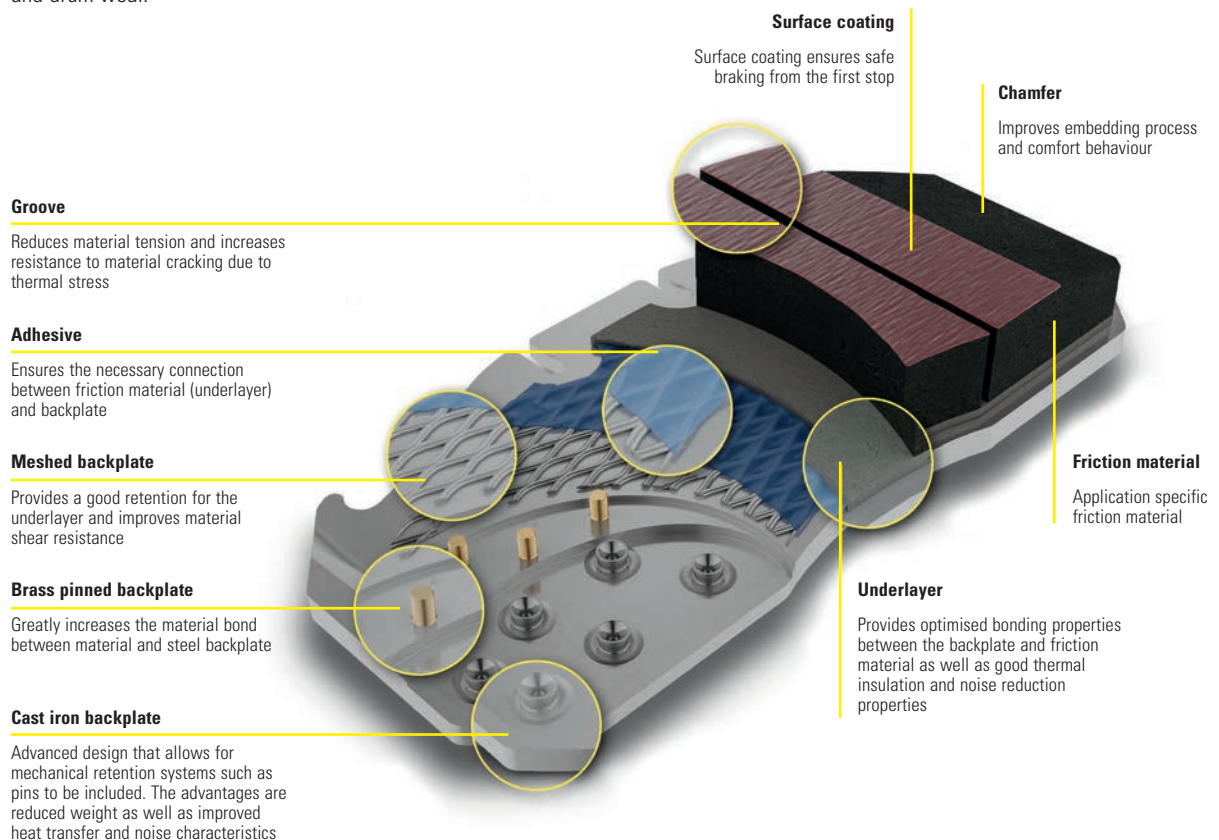
Every part in the TEXTAR range is manufactured to Original Equipment standards, minimising the risk of customer returns and unplanned vehicle downtime, which represents a significant cost for transport businesses.

## BRAKE PADS AND LININGS

Originating from the same production lines that manufacture for TEXTAR's Original Equipment parts programme, TEXTAR aftermarket disc brake pads and drum brake linings for commercial vehicles are identical to their OE counterparts in almost every way.

The range covers 99% of European commercial vehicles on Australian roads and application-specific friction materials ensure that TEXTAR brake pads and linings deliver the optimum combination of performance, service-life and comfort, with low disc and drum wear.

Depending on the characteristics of the vehicle and braking system that they are designed for, many references within the range feature a unique polymer coating, which protects the friction surface during storage and aids the bedding-in process.





## BRAKE DISCS

Advanced metallurgy and precision finishing ensure that TEXTAR brake discs for commercial vehicles provide exceptional performance.

Forged from high-grade alloys that are resistant to cracking and deformation at temperatures well beyond 500°C, they remain judder-free even after multiple hard braking applications from high speeds and whilst under heavy load.

TEXTAR brake discs are also designed and engineered to be a perfect match for TEXTAR disc brake pads.

Recent research has shown that mis-matched brake pads and discs can cause hairline cracks to form within the disc after just a few hard brake applications.

These cracks become deeper with each braking application and degrade the friction surface of the brake pad, increasing the rate of wear. As these cracks deepen over time, the risk of sudden and catastrophic brake failure greatly increases.

By replacing both brake pads and discs at the same maintenance intervals, fleets can reduce wear rates and maximise the service-life of both brake system components, whilst also reducing the risk of sudden brake failure.

## WEAR INDICATORS

For the complete service solution, TEXTAR offers a comprehensive range of wear indicators.



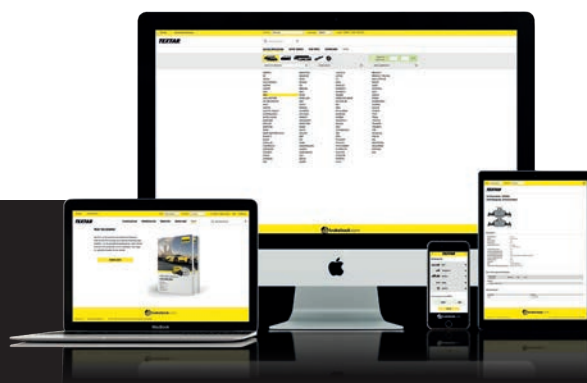
## BRAKEBOOK – YOUR CUSTOMISABLE ONLINE CATALOGUE

Brakebook is a cutting-edge web-based catalogue system that contains detailed catalogue data covering the entire TEXTAR product range, with new parts added weekly.

Search by TEXTAR part number, OE or cross reference numbers, or use the expert search function to find the right part using product specification parameters, such as width, height, thickness, number of wear indicators and many other criteria.

A sophisticated visual product recognition tool also enables brake pads to be identified by taking a photo of the original used brake pad.

In addition, Brakebook allows users to create PDF catalogues tailored to their individual requirements – comprising of data for the entire product range, or an extract featuring a selection of products, or parts from specific manufacturers or models.



# HELLA AUSTRALIA PEOPLE DRIVEN

**HELLA has been established in Australia since 1961.**

Today we employ more than 80 people at our headquarters and 7,000sqm distribution centre in Mentone and across Australia, offering professional sales and technical support, nationwide.

Whilst we are part of the global HELLA family, we have complete autonomy and an organisational structure designed to ensure that we deliver world class products in a way that best meets the needs of wholesalers and workshops across Australia, backed by professional technical support, marketing support and training.



**Distributed by HELLA Australia**

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