

NEOBRAKE AIR DISC™

WORLD-CLASS LININGS IN A BRAKE PAD



WHY NEOBRAKE AIR DISC PADS? NEXT LEVEL HEAT MANAGEMENT.

As a leading formulator of world-class asbestos-free brake linings, we took a “wait and see” approach before entering the air disc market. By all accounts, air disc has been well received and is quite popular, but not without their own set of challenges.

When we learned of local transit buses burning through pads in just three months, we leapt into action. The heat generated in those buses left mounting hardware mangled and wheel-end components taxed to the extreme. *So what did we do?*

We applied decades of formulation success to create a superior, semi-metallic disc pad.

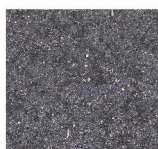
WHAT MAKES OURS BETTER? THERMAL CONDUCTIVITY.

The inherent challenge facing formulators is pad size, because there’s less friction material than a drum lining to absorb and distribute the heat. So we dug deeper into the principles of thermal conductivity to curtail the extreme heat and its compounding effect.

Through our proprietary formulation process and use of pure-grade raw materials, we found the ideal balance to achieve higher thermal conductivity in a disc pad – reducing frictional heat at the point of contact. This, combined with the latest cast iron backplate technology, is how NeoBrake Air Disc pads offer next-level heat dissipation and performance:

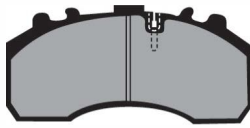

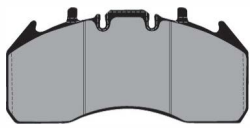
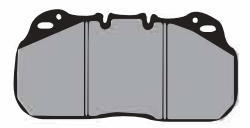

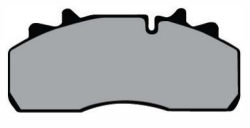
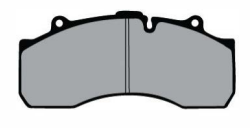
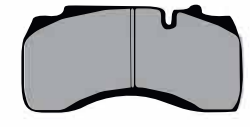
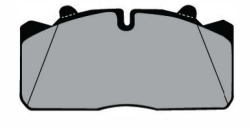
- OE+ quality semi-metallic formula
- Longer pad life and rotor wear
- Advanced heat dissipation design
- Thermal-barrier backplate design
- Raw materials tested, maintained pure
- Consistent compressibility throughout
- Intensive NVH & quiet comfort engineering
- ISO/TS 16949 & ECE E-90 Certified

HOW DO OUR PADS COMPARE TO OTHERS? OTHERS? WHAT OTHERS?



See, when thermal conductivity increases in friction material, the organic material inside degrades slower. Which is why, generally speaking, our disc pads last longer. So it does matter how your pads are formulated – if there’s another like ours, we don’t know about it.

NEOBRAKE AIR DISC PADS: FRICTION FOR PERFECTIONISTS.

NBAD1203 	FMSI: 8323 D1203 BRAKE MFR/SYSTEM: Knorr SB7 & SN7 APPLICATION: City Bus, Coach, Severe Service, Tractor/Trailer	NBAD1310 	FMSI: 8425 D1310 BRAKE MFR/SYSTEM: Lucas D-Elsa II APPLICATION: City Bus, Coach, Severe Service, Tractor/Trailer
NBAD1311 	FMSI: 8426 D1311 BRAKE MFR/SYSTEM: Meritor EX225H3 APPLICATION: City Bus, Coach, Severe Service	NBAD1312 	FMSI: 8427 D1312 BRAKE MFR/SYSTEM: Lucas D-LiSA APPLICATION: City Bus, Coach, Severe Service, Tractor/Trailer
NBAD1323 	FMSI: 8435 D1323 BRAKE MFR/SYSTEM: Meritor EX225H2 APPLICATION: City Bus, Coach, Severe Service, Tractor/Trailer	NBAD1369 	FMSI: 8479 D1369 BRAKE MFR/SYSTEM: Knorr SK7 / Bendix ADB22X & ADB22X-V APPLICATION: City Bus, Coach, Severe Service, Tractor/Trailer
NBAD1370 	FMSI: 8480 D1370 BRAKE MFR/SYSTEM: Meritor EX225L2 APPLICATION: Transit, Refuse, Severe Service, Tractor/Trailer	NBAD1407 	FMSI: 8515 D1407 BRAKE MFR/SYSTEM: Lucas D3 & Lucas D-Elsa I APPLICATION: City Bus, Coach, Severe Service, Tractor/Trailer
NBAD1438 	FMSI: 8556 D1438 BRAKE MFR/SYSTEM: Wabco PAN 19-1 APPLICATION: Trailer Axles	NBAD1441 	FMSI: 8577 D1441 BRAKE MFR/SYSTEM: Bendix ESD-225 APPLICATION: SAF Axles, SMB Axles
NBAD1517 	FMSI: 8726 D1517 BRAKE MFR/SYSTEM: Wabco PAN 19-2 APPLICATION: Cozad Trailers, Mack Bus	NBAD1518 	FMSI: 8727 D1518 BRAKE MFR/SYSTEM: Wabco PAN 17 APPLICATION: Trailer Axles

Test Standards: FMVSS 121 & TMC RP 628 PACKAGING: 4 identical pads with hardware



*Mechanical anchoring
for a secure bond between
pad and backplate,
with less risk of corrosion.*

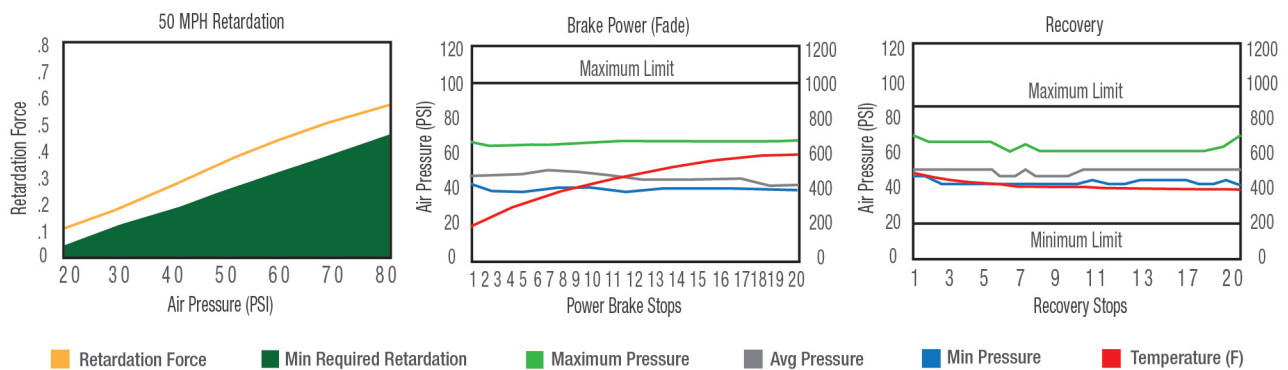
NEOBRAKE AIR DISC PADS: BACKED BY A CAST IRON CLAD BACKPLATE.



Maximize thermal, noise and vibration protection with the latest backplate technology.

NBAD1525 	FMSI: 8733 D1525 BRAKE MFR/SYSTEM: Meritor DX195 APPLICATION: Trailer Axles	NBAD1526 	FMSI: 8734 D1526 BRAKE MFR/SYSTEM: Meritor DX225 APPLICATION: Bus, Coach, Transit
NBAD1527 	FMSI: 8735 D1527 BRAKE MFR/SYSTEM: Haldex DB22 APPLICATION: SAF Axles, SMB Axles, Scania, Trailer Axles	NBAD1560 	FMSI: 8771 D1560 BRAKE MFR/SYSTEM: Meritor D Duco APPLICATION: Volvo
NBAD1690 	FMSI: 8917 D1690 BRAKE MFR/SYSTEM: Meritor EX2252H2 APPLICATION: MCI	NBAD1708 	FMSI: 8931 D1708 BRAKE MFR/SYSTEM: Meritor ELSA 225-3 APPLICATION: Volvo

Test Standards: FMVSS 121 & TMC RP 628 PACKAGING: 4 identical pads with hardware



THE NEOKINETIC FRICTION TECHNOLOGY™ SCHOOL OF THOUGHT.



There's book smarts. There's street smarts. And then there's NeoKinetic Friction Technology smarts. The sum total of our CEO's world travels and experiences learning how to formulate the next best thing to asbestos brakes. And we're pretty proud of where his journeys have taken him – and our products – to that end. Which leaves little doubt how well schooled he is on the subject compared to other CEOs. Learn more at 1-888-411-9916 or NeoBrake.com.