

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.

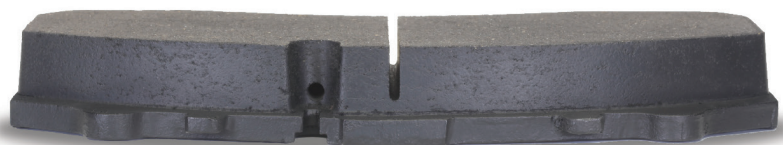
The inherent challenge facing formulators is pad size, because there's less friction material than a drum lining to absorb and distribute the heat. So we dug deeper into the principles of thermal conductivity to curtail the extreme heat and its compounding effect.

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:

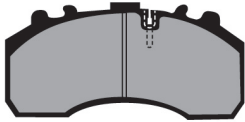
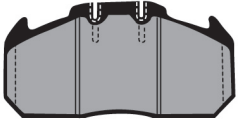
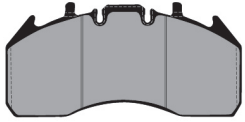
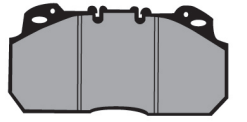
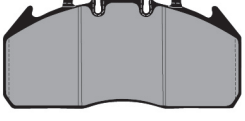
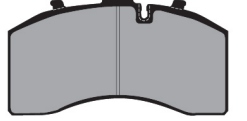
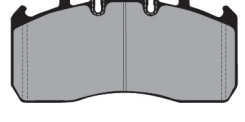

- OE+ quality semi-metallic formula
- Longer pad life and rotor wear
- Advanced heat dissipation design
- Thermal-barrier backplate design
- Raw materials tested, maintained pure
- Consistent compressibility throughout
- Intensive NVH & quiet comfort engineering
- ISO/TS 16949 & ECE E-90 Certified

HOW DO WE STACK UP AGAINST OTHERS? OTHERS? WHAT OTHERS?

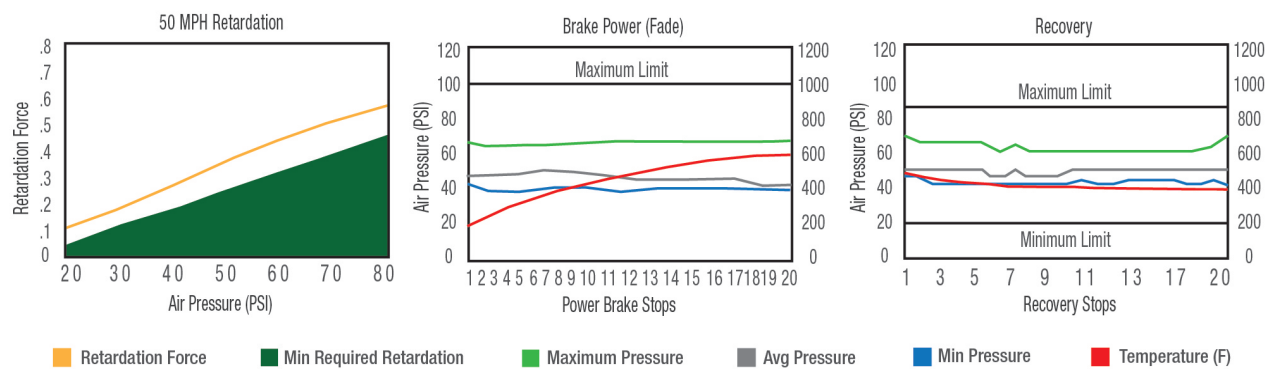
Organic friction material degrades slower with increased thermal conductivity, so our pads last even longer. If there are others like it, we don't know about it.



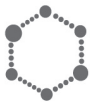
NEOBRAKE AIR DISC: FRICTION THAT CAN TAKE MORE HEAT.

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	NBAD1438 	FMSI: 8556 D1438 BRAKE MFR/SYSTEM: Wabco PAN 19-1 APPLICATION: Trailer Axles

*Top sellers shown with additional FMSI numbers available. Contact us for a complete list. 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. Otherwise the sum total of our CEO's world travels and formulation breakthroughs resulting in pads that perform more like asbestos ones did. Learn more at NeoBrake.com.