

NEOBRAKE AIR DISC™

WORLD-CLASS LININGS IN AN AIR DISC PAD



WHY NEOBRAKE AIR DISC PADS? NEXT PHASE IN 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 quite popular, but not without its own challenges.

So when we learned of nearby transit buses burning through pads in just three months, we had our leaping off point. Heat left mounting hardware mangled, and wheel-end components got theirs. *So now what?*

A semi-metallic pad specially formulated to combat heat. *That's what.*

WHAT MAKES THESE PADS BETTER? THERMAL CONDUCTIVITY.

The challenge facing formulators is pad size. Disc pads have less friction material to absorb and distribute heat than drum linings. So we put our NeoKinetic Friction Technology™ know-how to work, and discovered our answer in thermal conductivity.

By finding the ideal balance of pure raw materials, we were able to raise the thermal conductivity in our pad, which, in turn, reduces frictional heat at the point of contact. This, combined with the latest cast iron backplate technology, gives you maximum heat dissipation and performance life in the NeoBrake Air Disc pad:













- 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?



When you increase thermal conductivity in friction material, the organic material in it degrades slower, achieving even longer pad life. Which is added benefit of our pad – because if there's another like it, 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.*

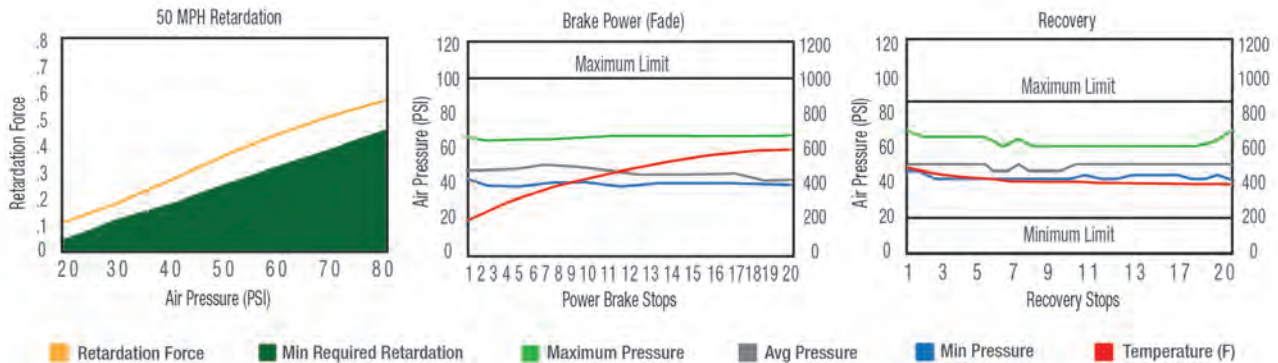
NEOBRAKE AIR DISC PADS: BACKED BY A CAST IRON CLAD BACKPLATE.



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 of each. Everything our CEO has learned developing our friction material. Otherwise known as the next best thing to asbestos brakes. You wouldn't believe how many times he's been around the block – and globe – to perfect our formulas. No doubt he could school most brake CEOs on the matter. Learn more at 1-888-411-9916 or Neobrake.com.