

NEOBRAKE NB1088™

THE ULTIMATE ASBESTOS-FREE TFT BRAKE LINING



WHY NB1088 BRAKE LININGS? TWICE THE LIFE.

There's a simple explanation behind why these linings last twice as long as your top performing abrasive-friction blocks: They're not abrasive-friction blocks. *They're TFT cohesive-friction blocks.*

Instead of tearing into drum walls and grinding them to a stop. These linings bleed out special chemicals that form a transfer layer of non-abrasive particles on each surface, which then act as a bonding agent between them to create friction.

Yeah, there's more to it, but you get the general idea. NB1088 linings last twice as long because no abrasives are present to grind them down – nor to generate the intense frictional heat that wears out wheel-end components faster. The advantages and return on investment never seem to end:

- Last twice as long as last abrasive linings, or next set's free (*Restrictions apply.*)
- Extend drum life up to 2x – *for best results, use Matrix Revolution™ drums*
- Eliminate drum hot spotting and thermal cracking
- Reduce uneven tire wear
- Increase performance life of tires and wheel-end components
- Lengthen maintenance and replacement intervals

WHAT ELSE MAKES THE NB1088 SPECIAL? STOPS BRAKE SQUEAL.

Since no abrasive particles come in contact with drums, NB1088 linings virtually eliminate annoying brake squeal. Unfortunately, there are other causes of brake squeal, so be aware of these other conditions:

- Shoes constructed too light
- Drums worn thin or manufactured too light
- Brake assembly components worn too much

AREN'T THESE JUST FOR SEVERE-DUTY? “NEGATORY, GOOD BUDDY.”

Others market similar linings focusing mostly on transit and refuse applications, but, truth is, these linings pay dividends in every application. Doubling lining life and seeing noticeably more life out of your drums, tires and other wheel-end components offer savings across the board. *“You copy, 10-4?”*

APPLICATIONS

*Refuse
Fire Trucks
Bus/Transit
Dump
Logging
Tankers
OTR Tractors &
Trailers*

ENVIRONMENTAL

*Complies
with
the 2025
Zero
Copper
requirement.*



WHAT WE HAVE JOINED TOGETHER, LET NO ONE PUT ASUNDER.

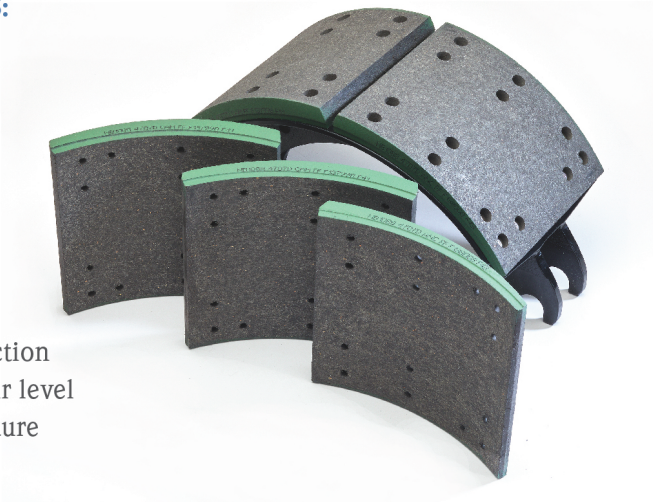
When you unite NB0188 cohesive friction with the world’s first lightweight cast iron brake shoe – *the revolutionary Matrix NeoCast™* – you benefit from two of the most innovative breakthroughs in S-cam foundation brake history. Calling them a power couple would be an understatement.

EXCLUSIVE MATRIX NEOCAST™ ADVANTAGES:

- Weighs comparable to pressed-steel cores
- Sustains maximum torque for life
- Provides flush lining-to-drum contact
- Offers ultimate heat dissipation
- Resists rusts 2-3x longer than pressed-steel

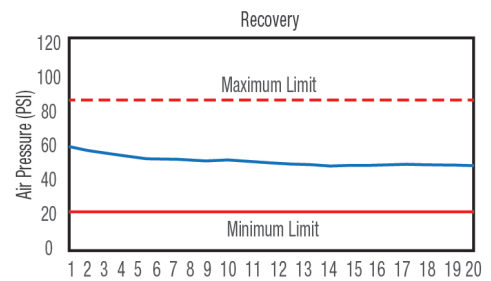
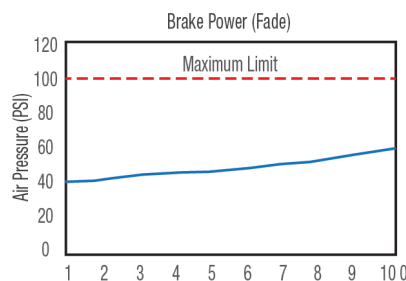
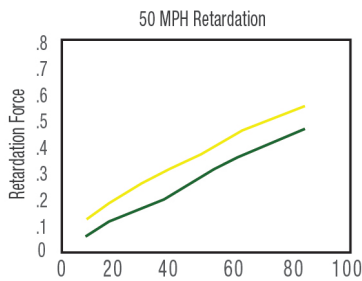
NB1088 COHESIVE FRICTION FEATURES:

- Superior non-abrasive, asbestos-free matrix
- Special ingredients control, condition film interaction
- Friction results from cohesive forces at a molecular level
- Heat sink particles lower rubbing surface temperature
- Exceeds FMVSS 121 – RSD-COMPLIANT



DYNAMOMETER TEST PARAMETERS	OTR	TRANSIT
Axle Rating	23,000 lb	26,000 lbs
Brake Size	16.5 x 7"	14.5 x 10"
AL Factor	30 x 5.5	30 x 7.0
Rolling Radius	20.5"	20.3"

PROPERTIES	
Specific Gravity	2.23
Gogan Hardness	32 GC
Tensile Strength	5000 psi
Maximum Temperature	700
CoF	FF



STOP. IN THE NAME OF NEOKINETIC FRICTION TECHNOLOGY.™



Rarely will you find a corporate CEO who’s willing to get their hands dirty on the job. But if you know our CEO, you know he’s routinely in the plant dirtying them. It’s just how he rolls. After all, he’s traveled to a Russian asbestos mine before just to find a better way to replicate asbestos fiber in our asbestos-free linings. To ask him, grease and grime come with job, if you’re serious about better brakes. Get in touch at 1-888-411-9916 or Neobrake.com.