

# NB 180™

## UNCOMPROMISING HEAVY-DUTY LININGS.



- A heavy-duty block ideal for enhanced routine service
- Exclusive glass-fiber, asbestos-free formula ideal for fleets demanding safe, reliable performance in medium and long-range routes
- High-grade materials that helps reduce drum wear, with excellent fade control
- Backed with 30+ years of formulating know-how
- Meets FMVSS-121 requirements – **RSD-COMPLIANT**
- Complies with the 2025 Zero Copper requirement



## APPLICATION

Recommended for use on S-Cam and Wedge brakes on trucks, tractors and trailers in highway, general freight and long haul applications over moderate terrain.



### GOGAN HARDNESS

#### 31 GC

Nondestructive method of measuring a lining's compressibility. Used as a quality control check of the consistency of formulation and processing of brake lining (SAE J379a).



### SPECIFIC GRAVITY

#### 1.9

Nondestructive test used as a quality control check of the consistency of formulation and processing of brake lining (SAE J380).



### TENSILE STRENGTH

#### 1350

Method of evaluating physical strength of brake lining (ASTM D952). Force required to break a sample 1.0 x 1.0 inch.



### TEMP RANGE

#### 700 °F

## TYPICAL INERTIA DYNAMOMETER PLOT TEST PARAMETERS – FMVSS 121 BRAKE STANDARD

**Brake** – 16.5" x 7" Meritor S-Cam

**AL Factor** – 180

**Axle Load** – 23,000 lbs.

**Rolling Radius** – 20.7"

**Drum Weight** – 120 lbs.

### Legend

- Retardation Force
- Minimum Required Retardation
- Temperature (F)
- Pressure

