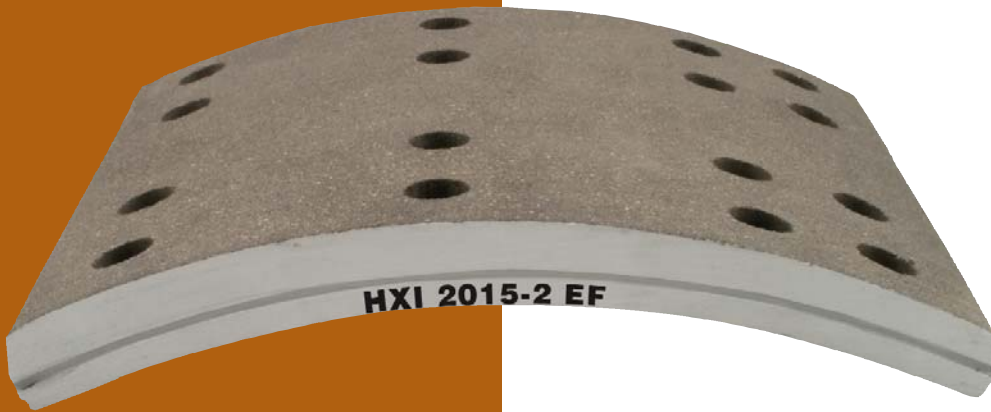


Friction

Haldex GR – 2015

Premium 20,000 lb. Brake Lining

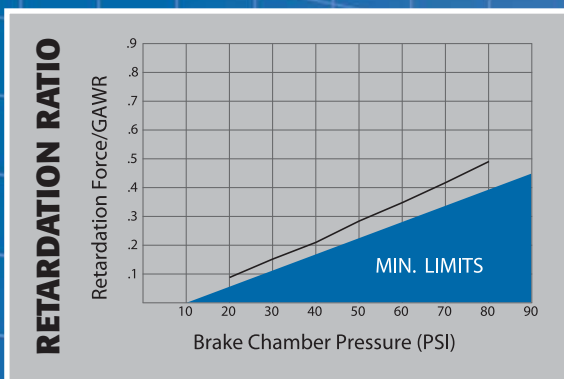
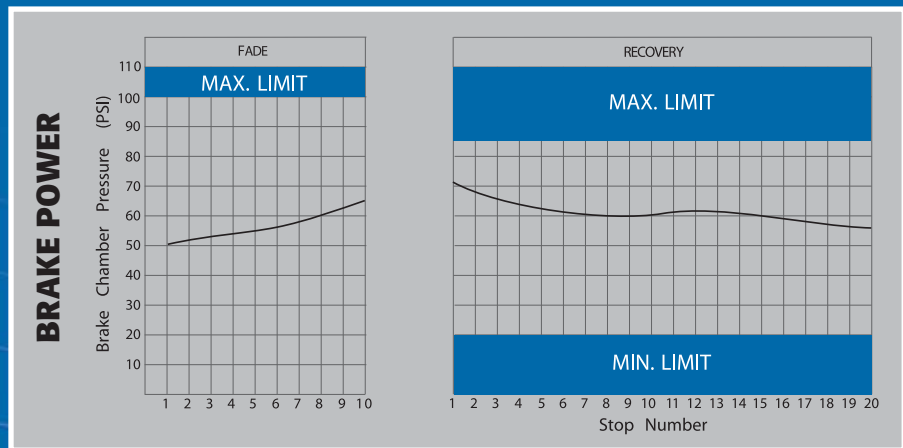
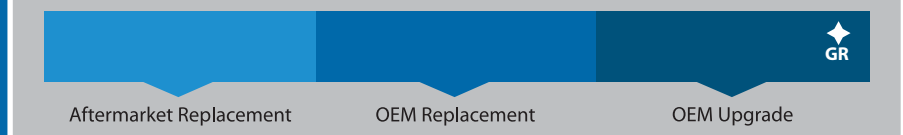


Haldex GR 2015, a 20,000-lb. high performance, premium grade brake lining, is designed for high-speed full-load applications. This OEM upgraded lining excels at providing superior stopping performance in a wide range of 20,000 lb. applications. With safe braking as the focal point, Haldex GR is a prime choice for fleets focused on safety, including school bus applications and medium duty off-road situations.

High Performance Profile

- FMVSS121 Certified @ 20,000 lbs. 165 AL Factor
- Superior friction stability – means high performance and safe braking - low fade, exceptional recovery and consistent braking effectiveness
- Lower total life-cycle costs – exceptionally low lining wear and excellent drum compatibility
- Decades of proven performance on the industry's most demanding fleets
- OEM upgrade & RP628 qualified
- Manufactured in TS/ISO Certified facilities

Performance Guide for GR



Brake: 16.5x7 S-Cam
Axle Load: 20,000 lbs.
Rolling Radius: 20.7
AL Factor: 165

Friction Average:
Normal .323 - .349
Hot .353 - .422
Coefficient - EF

Suggested AL Factor:
144 - 180

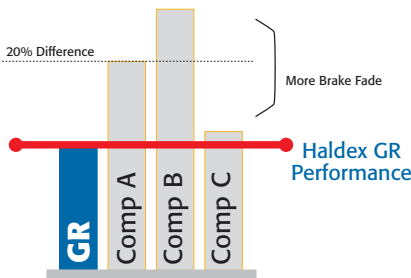


Haldex GR – 2015

Performance Features

More Brake Power - Less Brake Fade

- Haldex GR handles challenging brake environments with ease
- Low sensitivity to temperature and a stable design platform ensure less total brake fade in a wide range of braking applications



Comparison above based on published, self-reported data by the manufacturers of the following brake linings: Abex 6008™, Carlisle CF2000™, Meritor MA210™. Comparison based on power brake performance supplied to the public by each respective lining manufacturer.

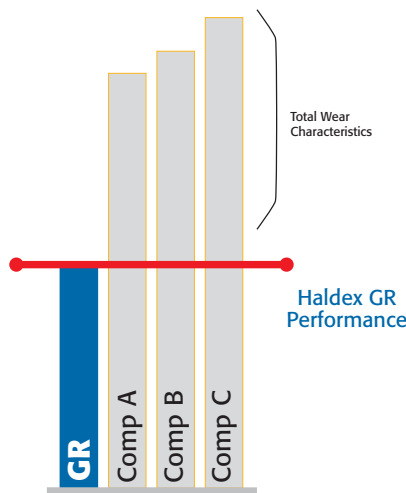
Fleet Benefits

High Performance Braking

- On average, Haldex GR exhibits 21% less total brake fade vs other OEM approved 20K linings
- Ensure safe braking and driver confidence with the high performance of Haldex GR

Lower Total Life-Cycle Costs

- A stable design and perfected manufacturing techniques allow Haldex GR to be a performance leader among similar products when it comes to less brake wear



Keep Your Profits on Your Bottom Line

- Substantially less wear - over 44% less, at both low and high temperatures
- Less wear means fewer shoes to buy, less down-time and less labor costs over the service life of the vehicle

Comparison above based on results from an independent laboratory collected during testing at FMVSS 121 certification criteria. All materials tested under identical conditions & parameters. Haldex strongly advises that the process of choosing a brake lining should be exclusively based on the needs of the vehicle in its unique operating environment and the ability of a brake lining to perform adequately in that environmental situation.

Haldex GR – 2015

Premium Performance

Temperature Range	775°
Resistance to Fade	Superior
Lining Wear Characteristics	Excellent
Drum Compatibility	Excellent
Braking Effectiveness	Superior
Recovery	Superior
Retardation Effectiveness	Superior
Cold Stop Effectiveness	Superior
Hot Stop Effectiveness	Excellent

Application Information

School Bus	Single Axle Dump Truck
Tandem Truck/Trailer	Van Trailer
Straight Truck	Car Hauler
Hills	Off-Highway
City	Highway
Stop and Go	Long Haul
Mountains	

