

Friction Products

Brake Shoes

Business Unit: Railroad Friction Products Corporation

Railroad Friction Products Corporation manufactures COBRA® high-friction and low-friction composition brake shoes.

TreadGuard®

Developed by Railroad Friction Products Corporation to address the problem of wheel removals due to shelling, spalling, and high impacts, TreadGuard® brake shoes have been proven as an effective method to increase wheel life since 1999. Recently introduced to provide better braking performance in high capacity applications, the new COBRA® TreadGuard® HiCap™ brake shoe offers all the benefits of TreadGuard® plus improved resistance to brake fade on long grades. Designed for today's heavier cars with higher net braking ratios, TreadGuard® HiCap™ maintains its cool under the most severe conditions and provides the same friction as standard brake shoes throughout the normal range of braking duty.



Features/Benefits:

- Extended wheel life through continuous "cleaning" of wheel tread
- Reduces high impact readings by removing minor tread defects before they become condemnable defects
- Advanced performance design
- Reduces wheel set inventory with fewer wheels removed for tread related defects
- Reduces out of service time for premature wheel failures
- Longer shoe life

TreadGuard® HiCap™

- Performance approved to the new AAR Specification M-997 Brake Shoe High Friction Tread Conditioning - High Capacity
- Lower wheel operating temperature offering a "cooler" operating brake
- "Fade resistant" for heavy grade application
- Higher capacity tons per operative brake



COBRA® Freight Shoe

- Advanced Performance™ Design
 - Reduces the potential of rim over-ride
 - Reduces the potential of flange contact
- Optimized fit over a range of wheel sizes
 - Dual Radius Face
 - Chamfered Ends
 - Prevents end breakage & chipping
 - Faster full face contact



COBRA® AAR Low Friction Freight Shoe

- Direct replacement for cast iron