



**Now
Available for
Freight Cars**

COBRA® LF

*Low Friction Composition Brake Shoes for Freight Cars
The Direct Replacement for Cast Iron Shoes*



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A Cost-Effective Alternative to Cast Iron Shoes

Thanks to the most advanced research and development program in the industry, Railroad Friction Products Corporation is proud to introduce the new **AAR approved** low friction composition brake shoe **designed for use on freight cars** currently equipped with cast iron shoes. The COBRA LF Low Friction Composition Brake Shoe provides you with a cost-effective alternative to cast iron shoes by offering the following benefits:

- longer shoe life
- improved wheel life
- reduced risk of right-of-way fires
- lighter weight
- less maintenance

Specifications

RFP Part Number	V-527
Approximate Size	1½" T x 3¾" W x 12¼" L
Face Radius	19"
Backing Plate Radius	19"
Average Weight	5 lbs.
Pallet Quantity	240

No Conversion Cost

Since the COBRA LF Brake Shoes are designed as a direct replacement for cast iron shoes, there are no additional conversion costs that are normally incurred when converting from cast iron to high friction composition shoes. Because the COBRA LF and cast iron shoes operate under the same brake shoe forces, there's no need to change out or add on any air brake equipment. Simply remove the old cast iron shoes and replace them with the new COBRA LF Brake Shoes. Rejection lugs will only fit into brake heads designed for cast iron shoes.

Additional Benefits

The extended life of the COBRA LF Brake Shoes lead directly to other cost-saving benefits, such as reduced inventory and lower labor costs due to less frequent brake shoe changeouts; the lighter weight (a typical cast iron freight brake shoe weighs 19¾ lbs., whereas the replacement COBRA LF weighs 5 lbs.) reduces the chance of injury or back strain during shoe changeouts.



Installation Warnings

In addition to the many benefits built into the COBRA LF Brake Shoes, numerous precautions have been taken to ensure that the low friction shoes are not mistaken for high friction shoes:

Color Coding

COBRA LF Brake Shoes are painted a bright yellow for immediate identification. This will alert the yard crew as to the type of replacement shoe required even before the old shoes are removed.

Shipping Container

Each shipping container is given the same yellow color-coding as the shoes, and carries warning labels indicating that the shoes are low friction and are to be used as a replacement for cast iron shoes only.

Backing Plate Warning

"LOW FRICTION" is stamped into each brake shoe backing plate. In addition, a highly visible warning sticker is applied to each shoe. It cautions against trying to install the shoe on vehicles designed for high friction composition brake shoes.



RAILROAD FRICTION PRODUCTS CORPORATION

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