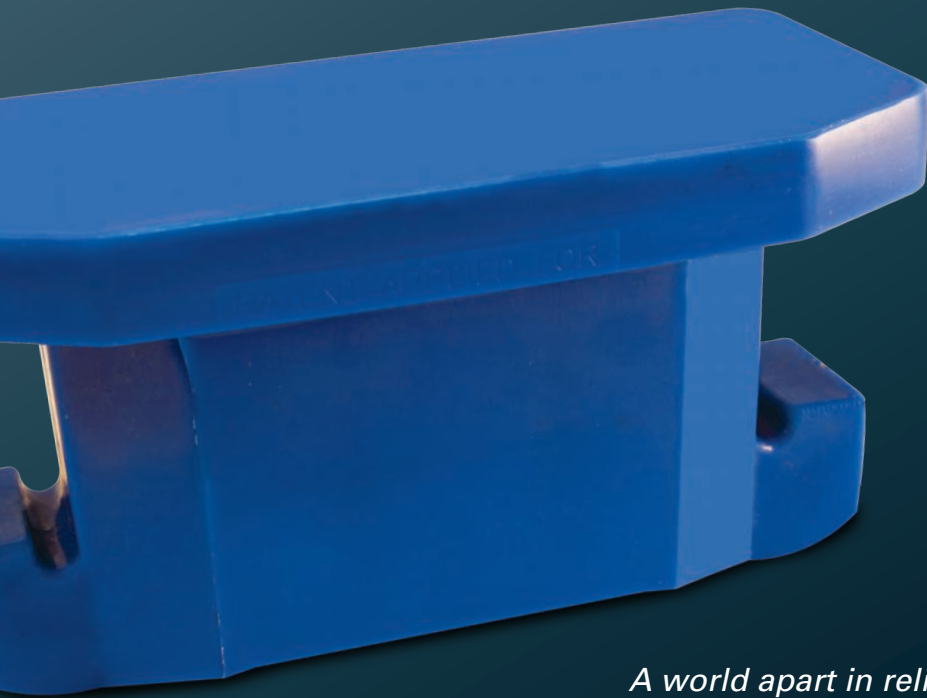




**Reduce metal-to-metal surface wear  
to get more miles out of your fleet.**



*A world apart in reliability* **Amsted Rail**<sup>®</sup>





## Stop the grinding to extend the life of your railcar components

Heavy haul operations are tough on your fleet's components, especially where metal meets metal. Amsted Rail's Hollube and Hollamax Wear Prevention Products significantly extend the life of your railcars by reducing metal-to-metal contact at high wear points. These AAR approved, lightweight, polymer products can save you thousands of dollars in maintenance and replacement costs. Engineered for heavy loads, they prevent wear on critical components for hundreds of thousands of miles.

### Advanced Polymer Materials

Hollube and Hollamax Wear Prevention Products are made of a proprietary polymer. This advanced plastic material is resistant to cold-flow, lighter and reduces wear by up to 88%. These products are designed to help your railcar components last longer.

### Lower Maintenance Costs

Our Wear Prevention Products can save you thousands of dollars in maintenance and replacement costs by extending the product life cycles of components. They are easy to install and never need lubrication. So you get the most out of your investment – and keep your fleet rolling.





## Center Plates and Bowl Liners

Center Bowl Liners prevent wear on center plate and center bowl horizontal surfaces. They weigh less than metallic liners and have simple drop-in installation with no welding required. Our anti-static center bowl liners eliminate the risk of static buildup, providing constant ground to trucks without use of metal grounding pins.

- Available with ground rivets or without ground rivets
- Made of Extended Life Hollube and Hollamax, specially designed for today's high rail loads of 286,000 lbs.



## Brake Beam Guides & Brake Rod Bracket Protectors

The Brake Beam Guide reduces brake shoe consumption and eliminates brake beam wear, preventing brake beam droop. Helping cars comply with AAR spec M976, the Brake Beam Guide is designed for high mileage, heavy gross axle load applications, and has a heavy-duty construction with advanced material that resists cold-flow. The Brake Rod Bracket Protector prevents wear on the brake rod and bracket, reducing friction in the braking system.

- New design accepts both standard and "diagonally corrected" brake beams
- Available in any length required
- Available for a variety of bracket sizes



## Coupler Carriers and Wear Plates

The Coupler Carrier and Wear Plates eliminate wear on the coupler shank and carrier basket. They weigh less than metallic wear plates and provide longer service life. Products include those designed for simple drop-in installation with no welding required as well as those bonded to a steel backing for easy weld-on installation. Amsted offers Coupler Carrier and Wear Plates designed for "F" type draft sills and rotary dump cars as well as a Universal wear plate able to fit newer as well as older "box-type" carriers.

- Available in standard or Extended Life Hollube, engineered to provide hundreds of thousands of miles of wear prevention
- New flow-through physical bond provides 38% stronger bond than old chemical bond
- Car set weighs 42 to 46 pounds less than steel carrier
- Comes in four sizes for maximum flexibility in adjusting coupler height
- Fits on existing F-type coupler carriers







## About Amsted Rail

Amsted Rail has been an industry leader in freight railroading for more than 100 years. Our experience, dedication and efficiency in servicing today's demanding heavy haul operations is unequaled as we keep railcars rolling in some of the world's toughest railroad environments. To learn more, visit [www.amstedrail.com](http://www.amstedrail.com).

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