GLOBAL APPLICATIONS EXCELLENCE. Through high-end friction material performance testing, combined with intelligent data management, which includes a data basis of over 1.2 million available brake tests, we are able to demonstrate our competence and guarantee the quality of our engineering for future products and applications.
UCB, the product portfolio of ICERail includes organic friction materials developed and manufactured to fulfill the UIC standards and installed in commuter, regional and freight trains as well as in metros and light rail vehicles.

BRAKE PADS
ICERail offers organic brake pads for standard and UIC applications up to 200 km/h (UIC homologation) for passenger coaches, regional trains, and metros as well as organic brake pads for the specific requirements of light rail vehicles.

BRAKE BLOCKS
The product portfolio of ICERail includes all types of organic UIC brake blocks:
- Type LL (IB116* UIC homologation): Low friction, for direct substitution of cast iron blocks on freight cars
- Type K: High friction, for new freight cars, passenger coaches, and locomotives
- Type L (UIC homologation): For direct substitution of cast iron blocks on passenger coaches and locomotives
- Type KK: Very high friction, for Metros

ISOBAR SINTER BRAKE PAD
Flexible brake pad with highest brake performance.
- Widely field experience in high-speed applications like ICE trains, Alfa Romeo, Shinkansen and many others.
- Ideal friction partner for Knorr-Bremse steel disc offering temperature resistance and constant friction behaviour.
- Long disc and pad life due to even temperature distribution on brake disc.
- For cost-effective and easy replacement of friction elements is necessary.

FLEXPAD SILENT
- High pad S-IC offers high friction performance.
- Nominal coefficient of friction μ=0.35.
- Single-piece carrier or split design available.
- Suitable and tested for both side mounted and wheel mounted brake pads.
- Significant noise reduction shown on full-scale dynamometer and field test – no squealing.
- First application AGV NTV high-speed train.

KNORR-BREMSE HIGH PERFORMANCE SINTER BRAKE PADS

AAR Brake Shoe has been manufacturing a full range of AAR compliant composition and semi-metallic locomotive and freight car brake shoes for over 35 years. Highest quality is combined with “real world” experience to deliver superior performance and value in all applications and service environments.

LOW FRICTION COMPOSITION FREIGHT CAR BRAKE SHOES
Our Anchor M-996 certified low friction composition freight car shoe directly replaces cast iron brake shoes.

HIGH FRICTION SEMI-METALLIC TREAD CONDITIONING FREIGHT CAR BRAKE SHOES
The Anchor line of AAR M-997 certified, tread conditioning brake shoes provides a stable and repeatable coefficient of friction and provides 180% shoe face to wheel conditioning capabilities. Our proprietary, semi-metallic friction material has proven to significantly outlast standard composition friction materials and to dramatically decrease premature wheelset removals.

HIGH FRICTION COMPOSITION FREIGHT CAR BRAKE SHOES
Our Anchor M-926 certified high friction composition freight car shoes incorporate our exclusive dampening pad technology designed to withstand excessive vibrations present in today’s heavy haul environment. This technology, coupled with our high-strength, low-alloy steel backing plates, provides a product with outstanding durability and life cycle value.

HIGH FRICTION COMPOSITION LOCOMOTIVE BRAKE SHOES
Anchor carries a full line of high friction composition locomotive brake shoes designed to meet the AAR B-108 and other specifications.