

FRAS-LE Friction Materials

ArvinMeritor is the exclusive aftermarket distributor of FRAS-LE Friction Materials in North America. FRAS-LE offers a full-line of brake linings from severe service premium to economy grade. Whichever lining is chosen, for whatever application, FRAS-LE delivers top-quality and performance each time.

AF/555-1/FF **Heavy Duty Premium**

AF/555-1/FF is a medium- to high-friction asbestos-free lining having a glass and aramid fiber base.

Top quality, high temperature resins are added to provide a friction level that is high and stable. Wear characteristics on general freight applications are similar to most super premium products. Swell and growth are low, tensile strength is high and drum degeneration is kept to a minimum. AF/555-1/FF surpasses the inertial dynamometer requirement of the FMVSS 121 brake standard at 23,000-pounds GAWR when using AL factor of 180 (type 30 air chamber and a six-inch slack adjuster).

AF/557/FF **High Performance Premium**

AF/557/FF is a medium- to high-friction asbestos-free lining containing a glass fiber and Kevlar® base. This noise-free premium mix has superior resistance to fade, long life and exceptional drum compatibility. Performance and wear qualities have been extensively evaluated on dynamometer and millions of miles of practical use by fleets. Low swell and growth characteristics avoid any potential for wheel lockup, thus suited for use

with automatic slack adjusters. High strength totally avoids cracking in either the riveting of the shoe or in application on the truck. The lining meets the inertial dynamometer requirement of the FMVSS 121 brake standard at a 23,000-pound GAWR when used on an AL factor of 180 (type 30 air chamber and a 6-inch slack adjuster).

AF/557/FF **Transit Bus Block**

AF/557/FF is a medium- to high-friction asbestos-free lining containing a glass fiber and aramid base. The noise-free premium mix has superior resistance to fade, long life and exceptional drum compatibility. Performance and wear qualities have been extensively evaluated on dynamometer and millions of miles of practical use by fleets. Low swell and growth characteristics eliminate any potential for wheel lockup, thus AF/557/FF is suited for use with automatic slack adjusters. High strength totally eliminates cracking in either the riveting of the shoe or in application on the bus. The lining meets the inertial dynamometer requirement of the FMVSS 121 brake standard at a 26,000-pound GAWR when used on a Meritor 14.5-inch W brake with an AL factor of 101.5 (and a 7-inch slack adjuster).

(more)

AF/550-1/FF
Standard Grade

AF/550-1/FF is a medium friction asbestos-free brake lining having a glass and acrylic fiber base. The lining passes the inertial dynamometer requirement of FMVSS 121 brake standard at a 21,000-pound GAWR when using an AL factor of 180 (type 30 air chamber and a 6-inch slack adjuster) or larger. AF/550-1/FF has the durability and friction stability normally found only in premium grade materials. It can be used on both Wedge and S-Cam brakes in a wide range of applications delivering excellent overall performance at an affordable cost.

AF/540-1/FF
Economy Grade

AF/540-1/FF is a medium friction asbestos-free brake lining with a glass fiber base. It is designed for use with S-Cam air brakes in general freight long haul applications where high axle weights are not found. The lining is the only economy grade brake block available today that meets the inertial dynamometer requirement of the FMVSS 121 brake standard at a 20,000-pound GAWR when using an AL factor of 180 (type 30 air chamber and a 6-inch slack adjuster) or larger.

AF/560/FF or AF/555-1/FF
Severe Service Metallic Combination

The Fras-le Severe Service Metallic Combination Set is made up of two different but compatible materials. The Semi-Metallic AF/560/FF lining is used on the actuating cam end for superior heat dissipation and consistent brake power at hot and cold temperatures up to 900 degrees Fahrenheit. It is combined with the AF/555-1/FF Heavy Duty Premium on the anchors. The result is a cooler running brake, enhanced durability, better drum compatibility and less noise. The Combo Set passes the FMVSS 121 brake requirement at 23,000-pounds GAWR when using an AL factor of 180 (type 30 air chamber and a 6-inch slack adjuster).

AF/587/GG
Severe Service Organic Premium

AF/587/GG is an innovation the industry has sought for decades. It provides the raw brake power of a metallic lining coupled with the long life and drum compatibility normally found only in mid-friction organic premiums. It can handle high axle loads, excessive heat build-up and extremely mountainous terrain without fade. It also excels in conditions where foreign materials invade the brake system or where water-cooled brakes are found. AF/587/GG contains a mixture of acrylic fiber and fiberglass that ensures structural integrity. This mix surpasses the inertial dynamometer requirement of the FMVSS 121 brake standard at a 25,000-pound GAWR when using an AL factor of 180 (type 30 air chamber and 6-inch slack adjuster) or larger.

AF/556/FF
OEM Approved

AF/556/FF is a medium friction asbestos-free lining, which has a glass and aramid fiber base. This mix is OEM approved and is the recommended product for truck, trailer and bus 20,000-pound rear axles and 12,000-pound front steer axles. This lining yields improved brake power and friction stability without sacrificing lining or drum wear. It is designed to meet the more difficult braking conditions of "new generation" vehicles; it has already captured a significant percentage of the U.S. OEM truck, tractor, trailer and bus market. AF/556/FF meets the inertial dynamometer requirements of the FMVSS 121 brake standard at a 20,000-poung GAWR, when using an AL factor of 165 (type 30 air chamber and a 5.5-inch slack adjuster).

Meritor Customer Service Center:
888-725-9355

###