

RSD BRAKE SHOES

TECHNICAL INFORMATION

Friction Features & Benefits

- Alliance RSD linings are a premium grade friction proven to exceed the 2011 Reduced Stopping Distance (RSD) Phase 1 regulations. With high torque and minimal fade, while offering a cost-effective solution to properly maintain your RSD engineered truck or trailer.
- Alliance RSD Lining material is 100% Non-Asbestos with SAE J2975 N level compliance.
- RSD compliance and fade resistance performance to ensure safety in panic stop conditions
- Alliance RSD brake kits available in a wide range of applications



Alliance brake shoe cores are carefully sorted and inspected to ensure proper performance. They are manufactured with the highest standards of cleaning, coining, coating, and riveting. The Alliance RSD Brake Program offers friction for two axle ratings: 12K and 20K lbs.

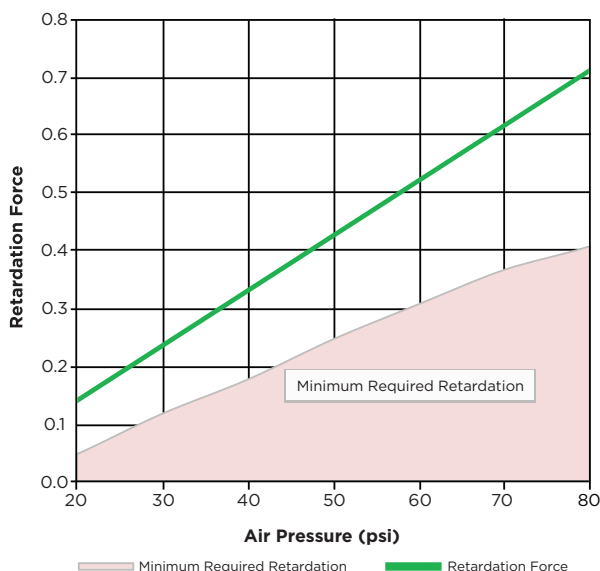
12K Brake Linings

The makers of Alliance brake shoes understand the science of RSD performance relies heavily on unique front axle brake friction and offer a proper RSD service solution for 12K and 13.2K steer axle applications

FMVSS121 Conditions:

- Axle rating : 12,000 lbs
- Brake Size : 16.5 x 5"
- Rolling Radius : 20.8 in

50 MPH Retardation



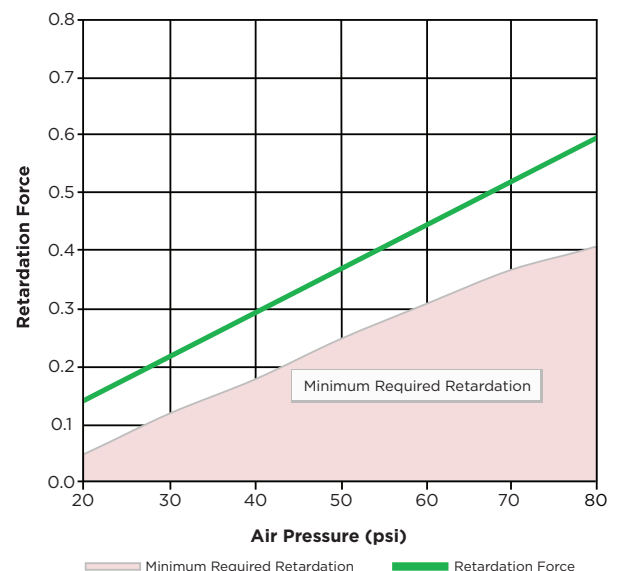
20K Brake Linings

The Alliance 20,000 lb. linings deliver solid stopping performance at an affordable price.

FMVSS121 Conditions:

- Axle rating : 20,000 lbs
- Brake Size : 16.5 x 7"
- Rolling Radius : 20.8 in

50 MPH Retardation





AVAILABLE PART NUMBERS

ALLIANCE P/N	NEOBRAKE	TRP	MARATHON	OTR	DESCRIPTION
ABP CK4707Q 20RSD	NBP20KIT 4707 Q	NK4707QRSD20M	N/A	K4707QRSD20	FLTRN4707QPKN
ABP CK4709E2 20RSD	NBP20KIT 4709 E N/S	NK4709E2RSD20M	N/A	K4709E2RSD20	FLTRN4709E2KN
ABP CK4711Q 20RSD	NBP20KIT 4711 Q	NK4711QRSD20M	N/A	N/A	FLTRN4711QPKN
ABP CK4719E 12RSD	N/A	NK4719ERSD12M	N/A	N/A	N/A
ABP CK4720Q 12RSD	N/A	NK4720QRSD12M	N/A	N/A	N/A
ABP CK4726E 20RSD	NBP20KIT 4726 E N/S	NK4726ERSD20M	N/A	N/A	FLTRN4726ES2KN
ABP MK4707Q 20RSD	NBP20KIT 4707 Q	RK4707QRSD20M	4707QPHS20	K4707QFLP20RSD	FLTRN4707QPK
ABP MK4709E2 20RSD	NBP20KIT 4709 E N/S	RK4709E2RSD20M	4709ES2HS20	N/A	FLTRN4709E2K
ABP MK4711Q 20RSD	NBP20KIT 4711 Q	RK4711QRSD20M	4711QPHS20	N/A	FLTRN4711QPK
ABP MK4719E 12RSD	N/A	RK4719ERSD12M	N/A	N/A	N/A
ABP MK4720Q 12RSD	N/A	RK4720QRSD12M	N/A	N/A	N/A
ABP MK4726E 20RSD	NBP20KIT 4726 E N/S	RK4726ERSD20M	4726ES2HS20	N/A	FLTRN4726ES2K

Not recommended for use with value brake drums

REDUCED STOPPING DISTANCE

- The regulations affect new tractors only; existing vehicles are not affected.
- Alliance RSD rated friction is available for fleets that was to standardize friction materials.
- Alliance RSD rated friction materials are available in new or reman shoes.



PREVIOUS AVERAGE STOPPING DISTANCE

DRUM BRAKES

275' - 285'



ALLIANCE RSD DRUM BRAKES

ALLIANCE RSD

220' - 230'



AIR DISC BRAKES

DISC BRAKES

210' - 220'

