



Abex®
SM FF

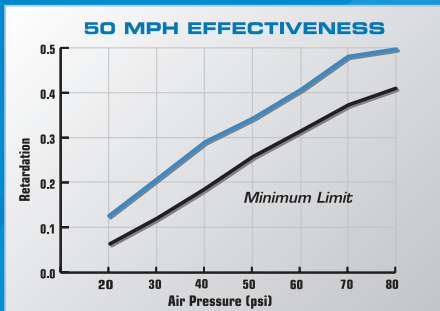
**FMVSS 121 BRAKE STANDARD
Typical Dynamometer Plot**

Test Parameters:

- Brake - Meritor 16.5 x 7 Q Plus
- Axle Load - 20,000 lbs.
- AL Factor - 165
- Rolling Radius - 20.7 inches
- Drum Weight - 111.19 lbs.

**Preferred by an industry
that demands the best.**

Abex® SM FF is a high performance, semi-metallic brake lining designed to provide superior fade and recovery performance under the most demanding conditions.



FMVSS 121 rated 20,000 lbs.

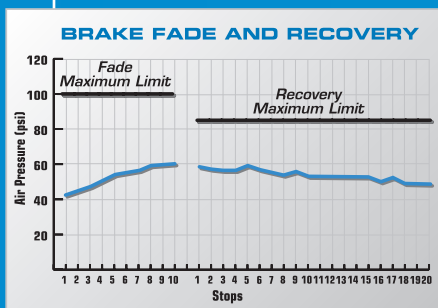
165 AL Factor (30 x 5.5)

Low swell and growth

**Excellent stopping power
in severe duty applications**

**Superior fade resistance
and recovery performance**

**Exceptional flexural strength
(9320 lbs/sq in)**




















Abex®
COMMERCIAL GRADE FRICTION™

PRODUCT PROFILE

- FMVSS 121 rated for 20,000 lbs. (165 AL Factor)
- Manufactured in ISO TS 16949 certified plants
- Ideally suited for high temperature applications
- Superior fade resistance and recovery performance
- Excellent lining life and drum compatibility
- Superior flexural strength
- Outstanding stopping power across all temperature ranges

APPLICATIONS

Recommended for use on S-cam brakes

 TANDEM TRACTOR/TRAILER	 SPREAD TANDEM	 MULTIPLE TRAILER	 SINGLE TRACTOR/TRAILER	 TANKER
 CONTAINER CHASSIS	 LIVESTOCK TRAILER	 CAR HAULER	 DRY BULK	 FIRE TRUCK
 FLAT BED TRAILER	 VAN TRAILER	 LOGGING TRAILER	 SINGLE AXLE DUMP	 TANDEM AXLE DUMP
 REFUSE TRUCK	 TANDEM AXLE MIXER			

TYPICAL PHYSICAL PROPERTIES

Gogan Hardness	24 GC
Specific Gravity	2.18
Flexural Strength	9320 lbs/sq in

TYPICAL FRICTION PROPERTIES

Normal Friction	.401 F
Hot Friction	.411 F
400° F Wear Friction	.425

Long Life Semi-Metallic Brake Lining

Abex commercial friction products from Federal-Mogul are engineered for maximum braking power and minimum cost per mile. As the largest global commercial vehicle supplier, we meet stringent testing and quality standards required by the toughest customers.

Formulations are designed by our global R&D team with a focus on superior modulus of elasticity. This allows them to resist cracking during extreme conditions. Advanced manufacturing technologies are utilized so that the precise chemical compounds are used in every brake block; ensuring consistent performance.

Abex products are better, stronger and more dependable. That's why vehicle fleets install them. After billions of miles you can rely on Abex for all of your commercial friction needs.