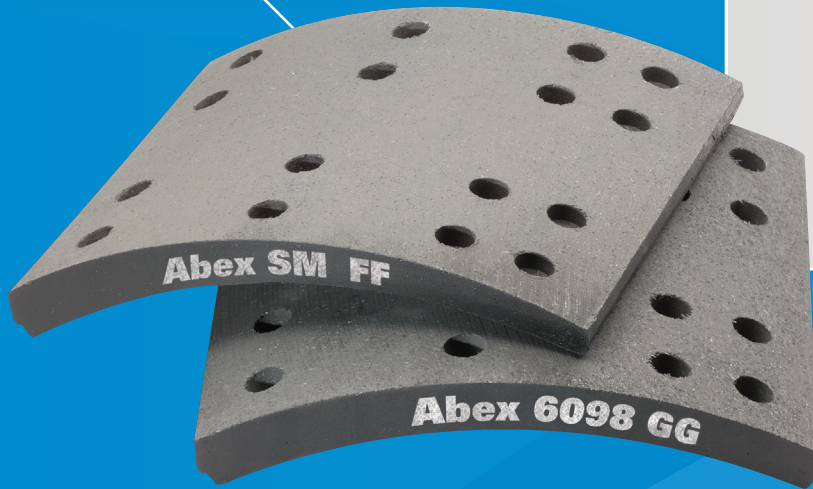




# Abex® SMC



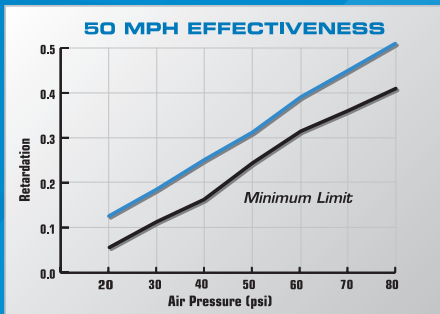
## FMVSS 121 BRAKE STANDARD Typical Dynamometer Plot

### Test Parameters:

- Brake - Meritor 16.5 x 7
- Axle Load - 23,000 lbs.
- AL Factor - 165
- Rolling Radius - 20.7 inches
- Drum Weight - 114.92 lbs.

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

Abex® semi-metallic combination block is a high performance brake lining designed to provide superior stopping power and lining life across all temperature ranges.



**FMVSS 121 rated 23,000 lbs.**

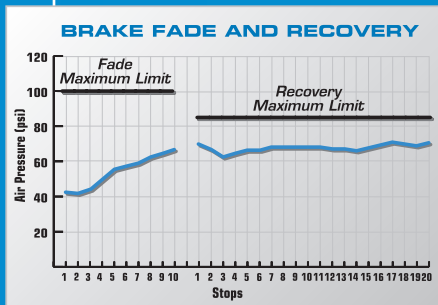
**165 AL Factor (30 x 5.5)**

**Low swell and growth**

**Superior fade resistance  
and recovery performance**

**Excellent stopping power  
in severe duty applications**

**Exceptional flexural strength  
(Abex SM FF - 9320 lbs/sq in)  
(Abex 6098 GG - 6760 lbs/sq in)**




















## PRODUCT PROFILE

- FMVSS 121 rated for 23,000 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
- 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	 STRAIGHT TRUCK
 CONTAINER CHASSIS	 LIVESTOCK TRAILER	 CAR HAULER	 DRY BULK	 TANKER
 FLAT BED TRAILER	 VAN TRAILER	 LOGGING TRAILER	 SINGLE AXLE DUMP	 TANDEM AXLE DUMP
 REFUSE TRUCK	 TANDEM AXLE MIXER			

## TYPICAL PHYSICAL PROPERTIES

	SM FF	6098 GG
Gogan Hardness	24 GC	27 GC
Specific Gravity	2.18	1.97
Flexural Strength	9320 lbs/sq in	6760 lbs/sq in

## TYPICAL FRICTION PROPERTIES

	SM FF	6098 GG
Normal Friction	.401 F	.477 G
Hot Friction	.411 F	.485 G
400° F Wear Friction	.425	.487

# Severe Duty 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.