

# BRAKE LINING MATERIAL SPECIFICATIONS

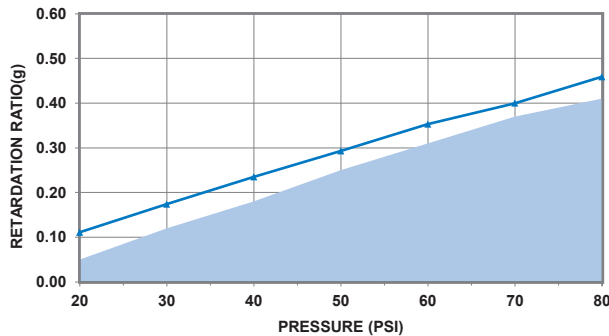
## AMF4000 FF - STANDARD 23,000 LBS

Bulletin# 111416

DATE: 11-14-2016

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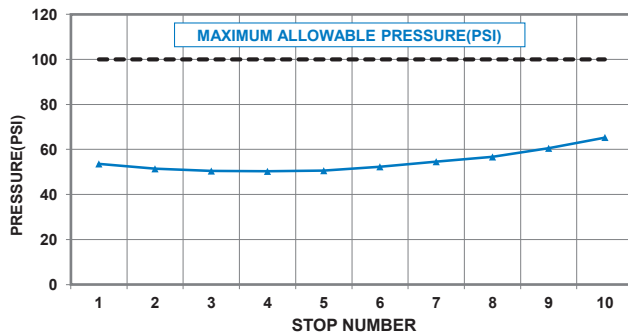
### BRAKE RETARDATION



- Standard duty grade friction material that offers consistent braking in a wide variety of demanding freight applications.
- Exceeds the inertial dynamometer requirements for retardation, fade and recovery as specified in Federal Motor Vehicle Safety Standard (FMVSS) No. 121.
- Independently tested and certified as 100% free of asbestos, heavy metals and copper.
- Production sites certified to ISO/TS 16949:2009 Quality Management Standards and ISO 14001:2004 Environmental Management Standards.

### FMVSS 121 Dynamometer Test Data at 23,000 lbs. AL Factor 165

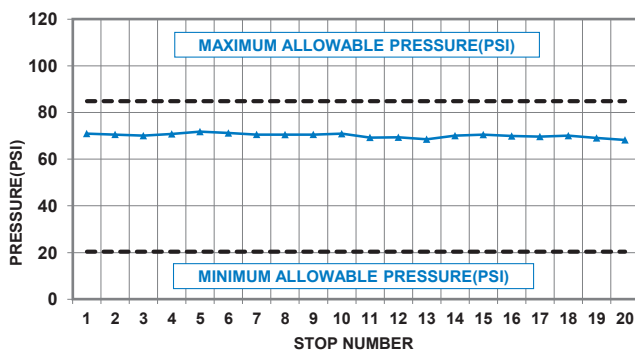
### FADE



### WEAR DATA

Brake Lining	
Thickness Loss	0.005"
Weight Loss	37g
Brake Drum	
Thickness Loss	0.001"
Weight Loss	40g

### RECOVERY



### TYPICAL PHYSICAL PROPERTIES

Specific Gravity (SAE J380)	1.98
Grogan Hardness (SAE J379a)	23 GC
Cross Breaking Strength	5300 psi
Compression Strength	8100 psi
Shear Strength	1800 psi

### TYPICAL FRICTION PROPERTIES

Chase Test (SAE J661a)	
Normal Friction (Cold $\mu$ )	0.44
Hot Friction (Hot $\mu$ )	0.42
Classification	FF