

BRAKE LINING MATERIAL SPECIFICATIONS

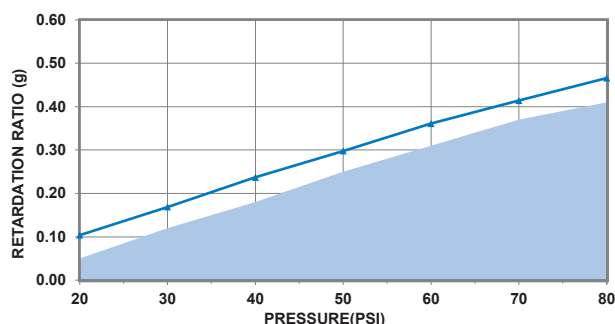
AMF3085 FF - PREMIUM 23,000 LBS

Bulletin# 111416

DATE: 11-14-2016

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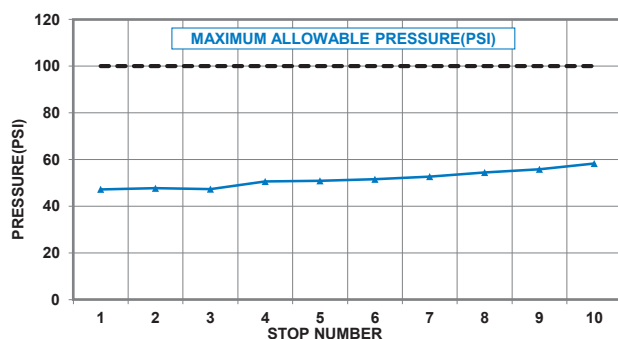
BRAKE RETARDATION



- Premium, high performance grade friction material that offers durable and consistent braking in a wide variety of the most 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



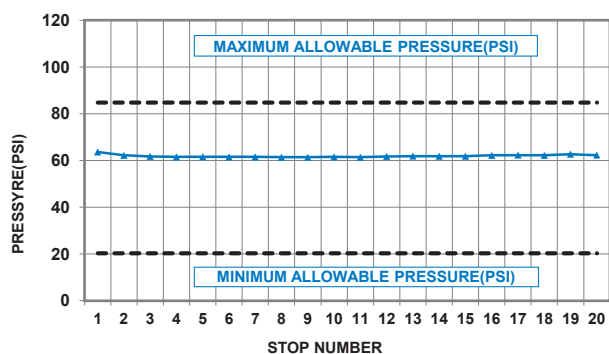
WEAR DATA

Brake Lining	
Thickness Loss	0.009"
Weight Loss	80g
Brake Drum	
Thickness Loss	0.001"
Weight Loss	59g

TYPICAL PHYSICAL PROPERTIES

Specific Gravity (SAE J380)	2.11
Grogan Hardness (SAE J379a)	21 GC
Cross Breaking Strength	4900 psi
Compression Strength	9500 psi
Shear Strength	2800 psi

RECOVERY



TYPICAL FRICTION PROPERTIES

Chase Test (SAE J661a)	
Normal Friction (Cold μ)	0.44
Hot Friction (Hot μ)	0.43
Classification	FF