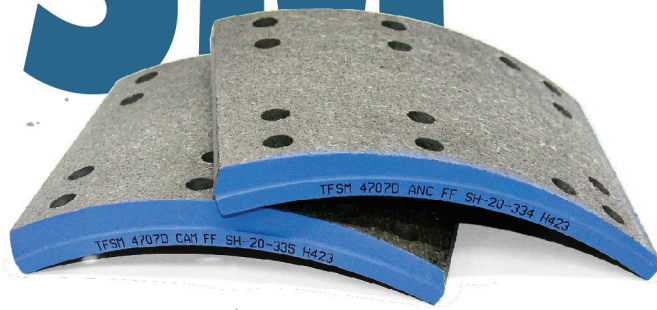


# TFSM



I Q S  
N U A  
V E L  
E N T  
T O R  
Y S

**FORMULATION:** Formulated for extreme heat and the grit and grind of off-the-road hauls, this high-density semi-metallic protects drums, wheel-end parts for max life.

**APPLICATION:** When semi-metallic material is too aggressive, this is ideal for use on trucks, tractors and trailers in most applications: general cargo, stop 'n go urban driving, bus, grain, liquid haulers, dump trucks and lowboys.

**CASH FLOW ADVANTAGE:** TFSM linings are available in quantities smaller than a trailer load, ship within 2 days across the continental U.S. and free working capital and storage space to help you improve overall operations and profitability.

*TFSM brake linings meet or exceed FMVSS 121 and comply with RSD guidelines and SAE J22975 & J866 requirements.*

## BLOCK INTEGRITY

### Gogan Hardness

31.7 GC

Nondestructive measure of compressibility, checking consistency of lining's formulation and processing (SAE J379a).

### Specific Gravity

2.65

Nondestructive quality control test of the consistency of formulation and processing of brake lining (SAE J380).

### Tensile Strength

8710 PSI

Method of evaluating physical strength of brake lining (ASTM D952); force required to break a sample 1.0 x 1.0 inch.

### Temp Range

800°F

## PROCEDURE

## TYPICAL INERTIA DYNAMOMETER PLOT TEST (FMVSS 121 STANDARD)

**Brake:** 16.5" x 7" Meritor S-Cam

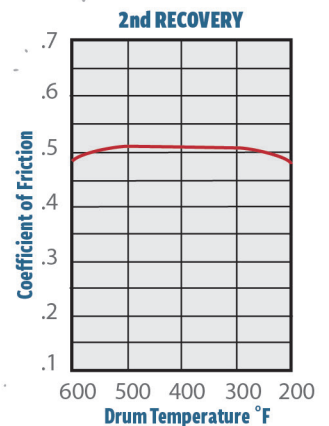
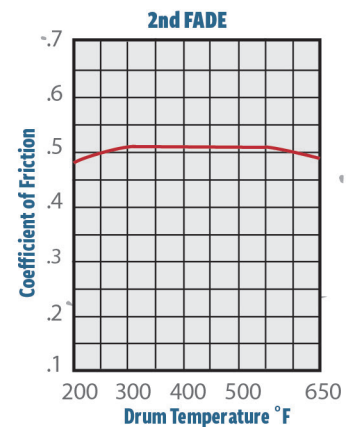
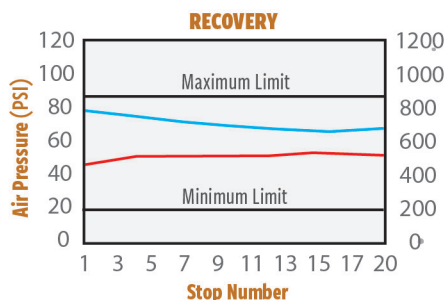
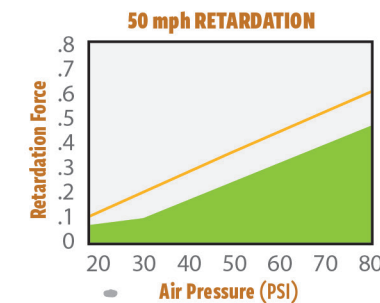
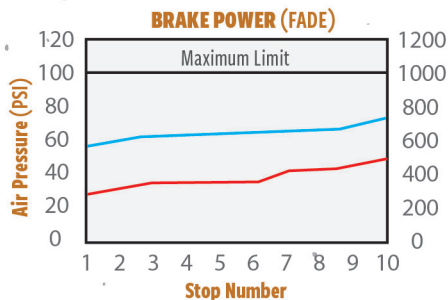
**AL Factor:** 165

**Axle Load:** 25,000 lbs.

**Rolling Radius:** 20.7"

**Drum Weight:** 120 lbs.

■ Retardation Force    ■ Temp (°F)  
■ Min. Req. Retardation    ■ Pressure



Normal Friction: .420°F  
Hot Friction: .410°F