



630

Brake Lining for Truck, Tractor & Trailer

23,000 lb. GAWR



- **Meets FMVSS 121 Test Standards at
23,000 lbs. Gross Axle Weight Rating (GAWR)
(165 AL Factor)**
- **Multi-Application Lining for On-Highway
and Line-Haul Applications**
- **Economical Lining Provides Consistently
Stable and Reliable Brake Performance**

Tuffline® 630

Tuffline® 630

Tuffline® 630

Tuffline® 630

Tuffline® 630



630

Accurate Application Guide

✓	Single Tractor/Trailer
✓	Tandem Tractor/Trailer
✓	Spread Tandem
✓	Multiple Trailer
✓	Van Trailer
✓	Straight Truck
✓	Flat Bed Trailer
✓	Dry Bulk
	Logging Trailer
✓	Car Hauler
✓	Livestock Trailer
	Tanker
✓	Container Chassis
	School Bus
	Fire Engine
	Refuse Truck
✓	Tandem Axle Mixer
✓	Single Axle Dump
	Tandem Axle Dump
	Transit
	Coach

TECHNICAL DATA - TYPICAL TEST RESULTS

TEST PARAMETERS

Brake Size	16.5" x 7.0"
G.A.W.R.	23,000 lbs.
AL Factor	165 (30" Chamber x 5.5" SA = 165 AL)
Rolling Radius	20.8"
Drum Weight	110 lbs.

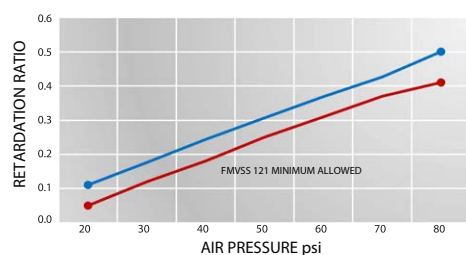
PHYSICAL PROPERTIES

Gogan Hardness	22
Specific Gravity	2.22
Flexural Strength	7,884 psi

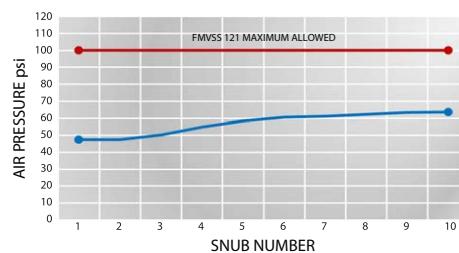
SAE J661 FRICTION PROPERTIES

Normal Friction CoF	.438 F
Hot Friction CoF	.429 F

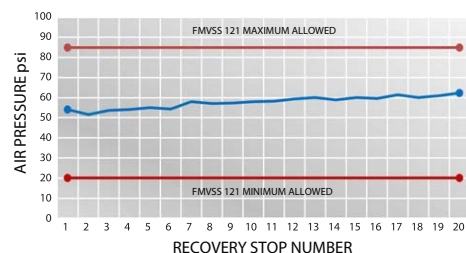
BRAKE EFFECTIVENESS



BRAKE POWER



BRAKE RECOVERY



APPLICATION GUIDE LEGEND

This Application Guide is intended as a general reference. The correct material for your application is based on your specific usage parameters. Consult your sales professional for assistance in determining the best material for your application.

- ✓ = Indicates Best Suited Material Where Normally Used
- ✓ = Indicates May Be Used In This Application

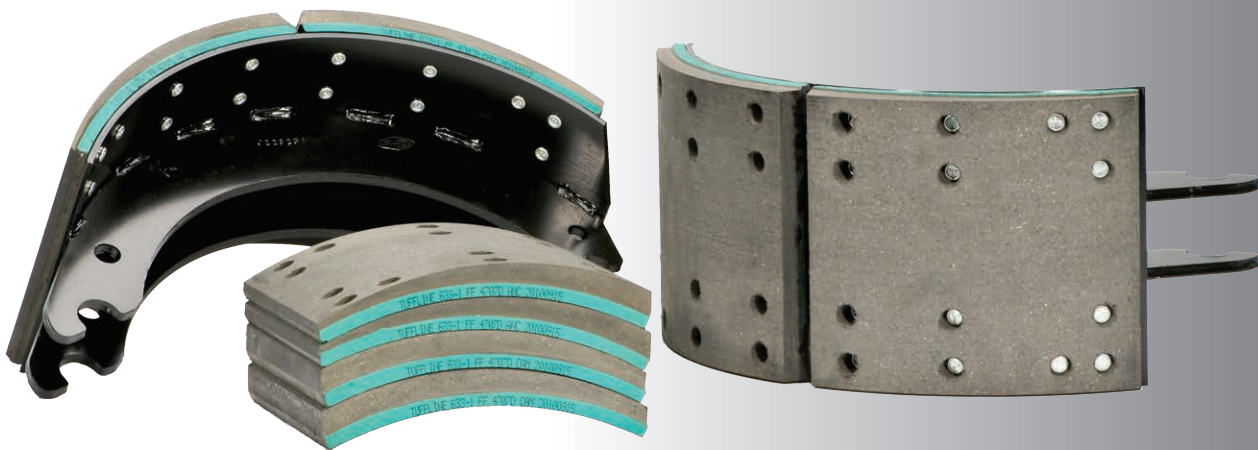
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633

Brake Lining for Truck, Tractor & Trailer

23,000 lb. GAWR



- **FMVSS 121 Rated at 23,000 lbs.
Gross Axle Weight Rating (GAWR)
(165 AL Factor)**
- **Standard Grade Lining Ideal for
Most Long Haul and Vocational Applications**
- **Exceptional Performance with Excellent
Wear Characteristics on Both Lining and Drums**

TuffLine® 633 TuffLine® 633 TuffLine® 633 TuffLine® 633 TuffLine® 633



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Accurate Application Guide

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	Fire Engine
	Refuse Truck
✓	Tandem Axle Mixer
✓	Single Axle Dump
✓	Tandem Axle Dump
	Transit
✓	Coach

TECHNICAL DATA - TYPICAL TEST RESULTS

TEST PARAMETERS

Brake Size	16.5" x 7.0"
G.A.W.R.	23,000 lbs.
AL Factor	165 (30" Chamber x 5.5" SA = 165 AL)
Rolling Radius	19.6"
Drum Weight	110 lbs.

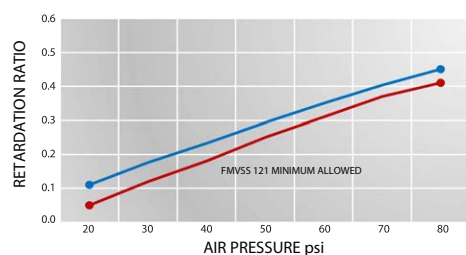
PHYSICAL PROPERTIES

Gogan Hardness	20
Specific Gravity	2.2
Flexural Strength	6,868 psi

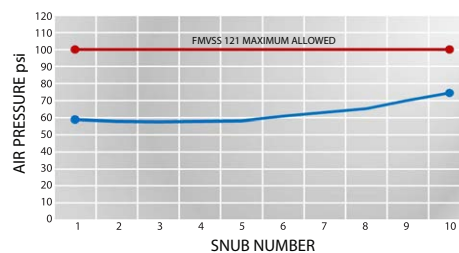
SAE J661 FRICTION PROPERTIES

Normal Friction CoF	.448 F
Hot Friction CoF	.431 F

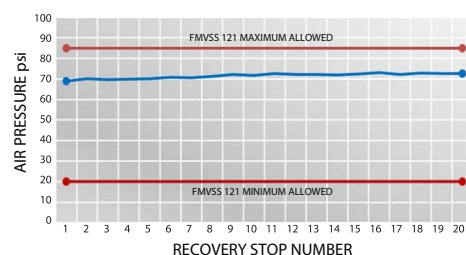
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