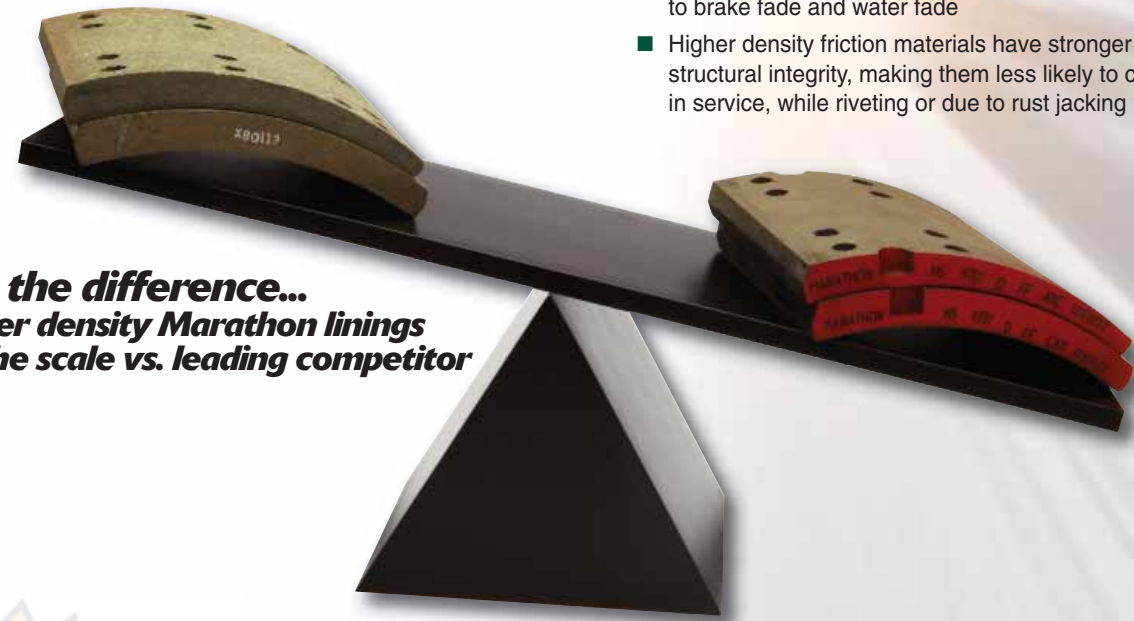


# The Marathon Advantage... Feel the Difference

One of the most significant design characteristics of any heavy duty brake lining is its density. When higher quality and heavier raw materials are used in a lining's formulation, it creates a higher mass in the block or stated another way, higher density. Truck brakes are designed to convert the energy of a moving vehicle into heat energy. A higher density increases the lining's ability to efficiently handle heat, and is the most critical component in a friction material's fade, recovery and wear.

## Hi-Density Friction

- Higher density friction materials have the ability to hold more heat energy and therefore more efficiently dissipate the heat
- Higher density linings exhibit significantly better wear characteristics, especially at higher temperatures
- Higher density friction materials are more resistant to brake fade and water fade
- Higher density friction materials have stronger structural integrity, making them less likely to crack in service, while riveting or due to rust jacking



**See the difference...  
higher density Marathon linings  
tip the scale vs. leading competitor**



# Marathon

BRAKE SYSTEMS

125 Old Mill Road • Cartersville, GA 30120

Call 800.223.5201 or visit  
**MarathonBrake.com**

ISO 9001:2008

ISO 14000

# Brake Lining Application Guide



# Marathon

BRAKE SYSTEMS

# Brake Lining Application Guide

MarathonBrake.com

## Heat Star 23,000#

Friction Code: FF  
Density: 2.28  
Edge Color: Red



## FLOE First Line Original Equipment 23,000#

Friction Code: FF  
Density: 2.25  
Edge Color: Brown



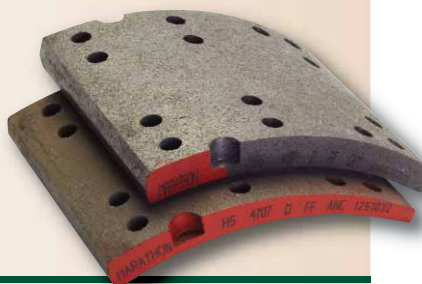
## MV23 Marathon Value 23,000#

Friction Code: GF  
Density: 1.92  
Edge Color: Plain



## MBC Metallic Brass Combo 23,000#

Friction Code: FF  
Density: 2.89/2.28  
Edge Color: Red/Stripe



## MBS Metallic Brass Single 23,000#

Friction Code: FF  
Density: 2.89  
Edge Color: Stripe

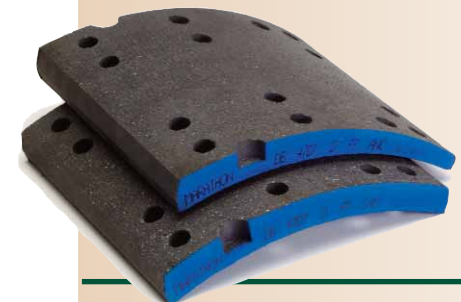


	Severe Duty	Medium Duty	Light Duty	
<b>Tandem Axle Tractor Trailer</b>	Best Better Good	HS — —	HS FLOE MV23	HS20 UB MV20
<b>Double Trailer</b>	—	HS — —	HS FLOE MV23	HS20 UB MV20
<b>Van Trailer</b>	—	HS — —	HS FLOE MV23	HS20 UB MV20
<b>Single Axle Tractor Trailer</b>	—	HS — —	HS FLOE MV20	HS20 UB MV20
<b>Container Chassis</b>	—	HS — —	HS FLOE MV23	HS20 UB MV20
<b>Livestock Trailer</b>	—	HS — —	HS FLOE —	HS20 UB —
<b>Car Trailer</b>	—	HS — —	HS FLOE —	HS20 UB —
<b>Tandem Axle Mixer</b>	KVT HS TS	HS FLOE —	— — —	— — —
<b>Single Axle Dump Truck</b>	KVT HS TS	HS FLOE —	— — —	— — —
<b>Tandem Axle Dump Truck</b>	KVT HS TS	HS FLOE —	— — —	— — —
<b>Tri-Axle Dump Trailer</b>	KVT HS TS	HS FLOE —	— — —	— — —

	Severe Duty	Medium Duty	Light Duty	
<b>Logging Trailer</b>	Best Better Good	KVT/MBS MBC TS	HS FLOE —	HS20 — —
<b>Flatbed Trailer</b>	—	HS — —	HS FLOE MV23	HS20 UB MV20
<b>Tanker</b>	—	KVT MBC —	HS FLOE —	HS20 UB —
<b>Dry Bulk</b>	—	KVT MBC —	HS FLOE —	HS20 UB —
<b>Straight Truck</b>	—	HS — —	HS FLOE MV23	HS20 UB MV20
<b>Transit/Coach Bus</b>	—	MBST KVT —	HST — —	— — —
<b>School Bus</b>	—	KVT — —	HS FLOE —	HS20 — —
<b>Single Axle Refuse Truck</b>	—	KVT MBS MBC	HS FLOE —	— — —
<b>Tandem Axle Refuse Truck</b>	—	KVT MBS MBC	HS FLOE —	— — —
<b>Fire Truck</b>	—	KVT TS —	MBS MBC —	HS FLOE —

## Heat Star 20 HS20 22,000#

Friction Code: FF  
Density: 2.21  
Edge Color: Blue



## Universal Block UB 20,000#

Friction Code: FF  
Density: 2.22  
Edge Color: Green



## Marathon Value MV20 20,000#

Friction Code: FF  
Density: 1.90  
Edge Color: Plain



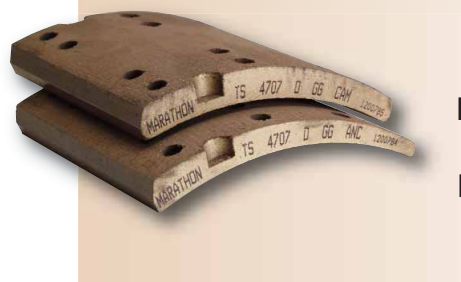
## Vocational KVT 25,000#

Friction Code: FF  
Density: 2.13  
Edge Color: Purple



## Traction Stopper TS 25,000#

Friction Code: GG  
Density: 2.17  
Edge Color: Stripe



**Marathon**  
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