



# KVT

## Vocational

A long life friction material designed for severe duty and multiple stop braking



# Marathon

BRAKE SYSTEMS

800.223.5201

[www.MarathonBrake.com](http://www.MarathonBrake.com)

# KVT Vocational

## Dependable. Tough. Proven.

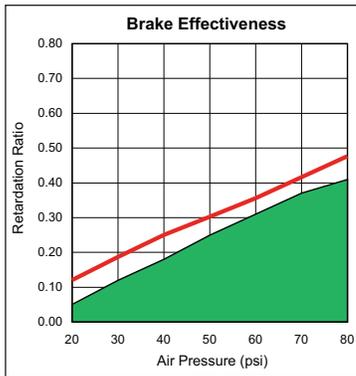
Marathon developed KVT brake linings to handle the high heat and heavy-duty demands of refuse, concrete, logging, sand and gravel, oil delivery, beverage transport and other tough applications. KVT is a premium, organic material rated for 25,000 lb axle loads that provides stopping power you can count on with a long service life. This versatile lining meets Federal regulations in accordance with FMVSS 121 test procedure for applications up to 25,000 lbs.

KVT linings feature the Hi-Density Marathon formulation (detailed at right) that will improve your bottom line through better performance and fewer maintenance headaches.

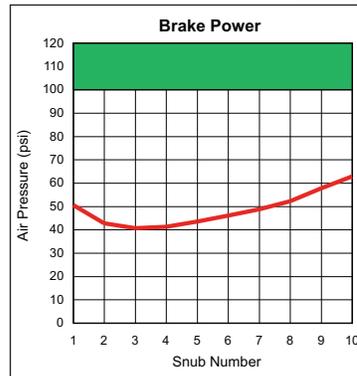
### KVT Delivers

- Ideal for high heat, severe duty applications
- Longest lining life in its class
- Hi-Density formulation for excellent heat dissipation
- Dependable stopping performance
- Excellent brake fade and recovery characteristics
- Extremely drum friendly

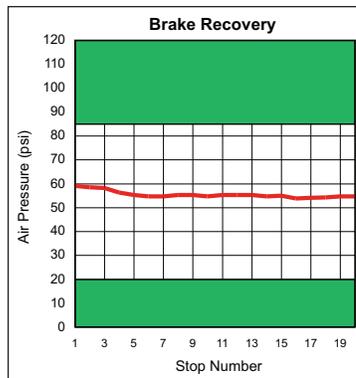
### FMVSS 121 Test Results



**Retardation**



**Fade**



**Recovery**

Testing conducted in accordance with FMVSS 121 criteria @ 25,000 lb axle load; 16 1/2 x 7 inch S-cam air brake; type 30 air chamber and 5.5 inch slack adjuster; and a 20.8 inch tire rolling radius. Shaded area indicates non-compliance.

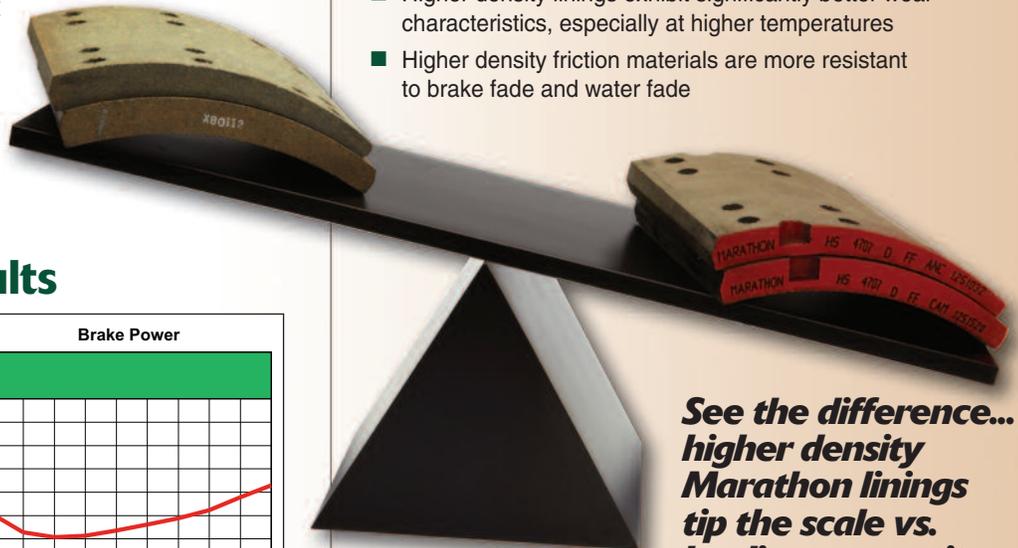
ISO 9001:2008  
ISO 14001:2004



## Hi-Density Friction

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.

- Higher density friction materials have the ability to hold more heat energy and therefore more efficiently dissipate the heat
- Higher density friction materials have stronger structural integrity, making them less likely to crack in service, while riveting or due to rust jacking
- 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



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

**The Marathon Advantage...  
Feel the Difference**

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**BRAKE SYSTEMS**

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**Call 800.223.5201 or visit  
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