

MBST

Marathon Brake Single Transit

A semi-metallic lining designed
for excellent stopping power
and a long service life



800.223.5201

www.MarathonBrake.com

Marathon

BRAKE SYSTEMS



MBST

Marathon Brake Single Transit



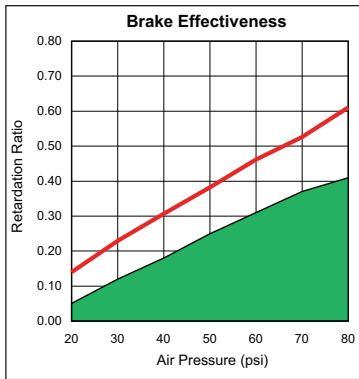
Marathon developed MBST to address high temperature applications found in certain transit markets. This semi-metallic friction material provides high temperature stability and therefore consistent stopping power in even the toughest applications. This long life brake lining easily meets Federal regulations for brake effectiveness, fade and recovery in accordance with FMVSS test procedure and is rated for 26,000 lb axle loads.

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

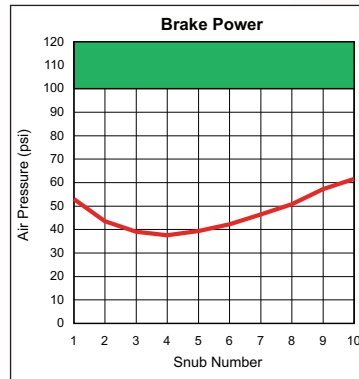
MBST Delivers

- OE Transit Approved
- Ideal for high temperature transit 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

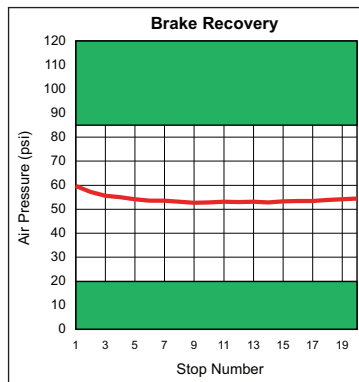
FMVSS 121 Test Results



Retardation



Fade



Recovery

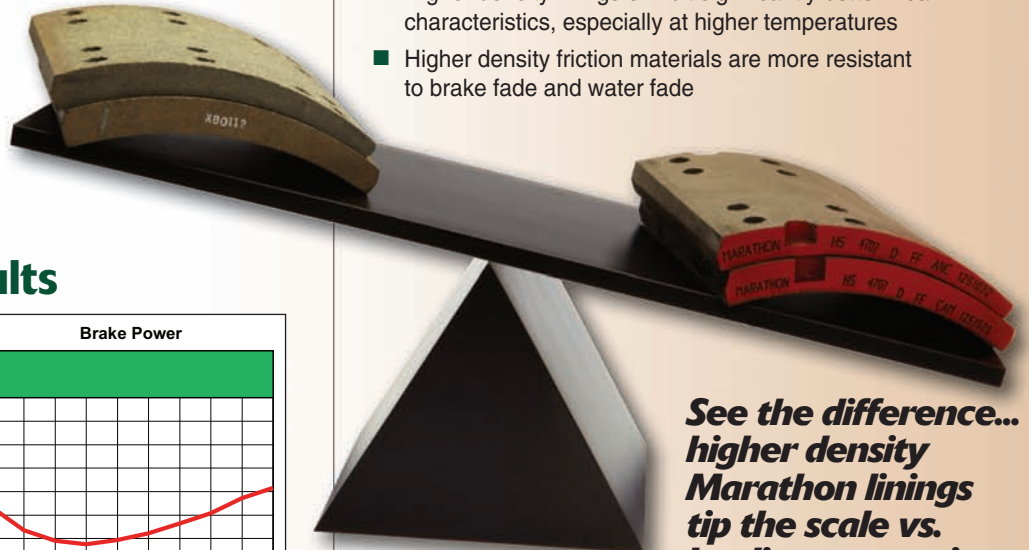
Testing conducted in accordance with FMVSS121 criteria @ 26,000 lb axle load: 14 1/2 x 10 inch S-cam air brake; type 30 air chamber and 7.0 inch slack adjuster; and a 20.3 inch tire rolling radius. Shaded area indicates non-compliance.

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**

Marathon



BRAKE SYSTEMS

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**Call 800.223.5201 or visit
MarathonBrake.com**