

# HST

## Heat Star Transit

A reliable brake lining  
for long service life and  
noise-free operation in  
transit applications



800.223.5201

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

# Marathon

BRAKE SYSTEMS



# HST Transit

## Dependable. Tough. Proven.

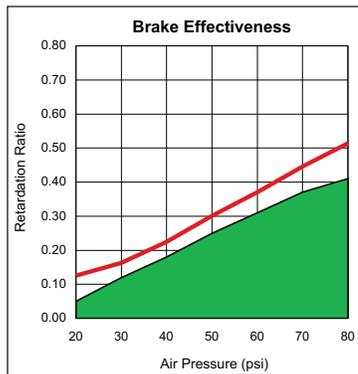
Marathon's Heat Star Transit is a specially developed formula designed to handle the industry-specific challenges of transit applications. HST provides city bus and motor coach fleets with high temperature stability and consistent stopping power in even the toughest applications. HST is an asbestos-free lining that is noise free and is known for its long lining life. Rated for 26,000 lb axle loads, Heat Star Transit meets FMVSS 121 testing standards.

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

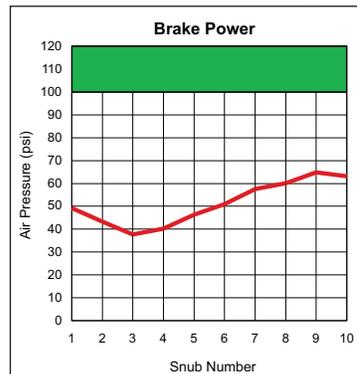
## HST Delivers

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

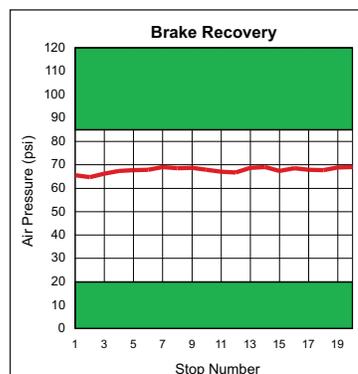
## FMVSS 121 Test Results



Retardation



Fade



Recovery

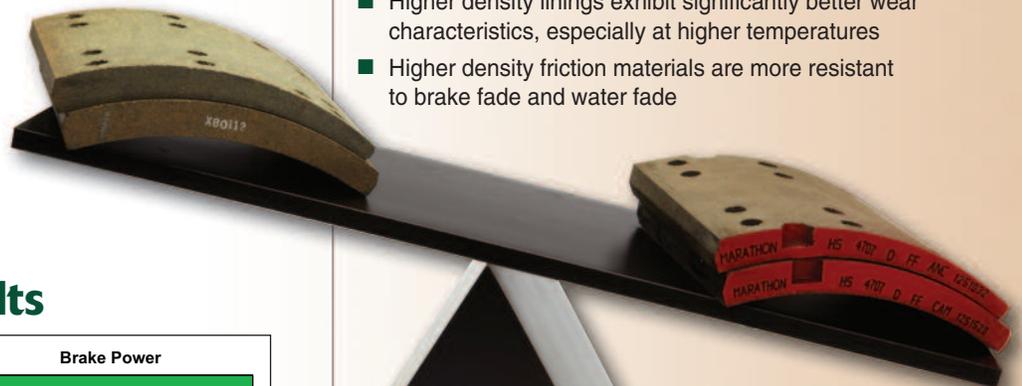
Testing conducted in accordance with FMVSS 121 criteria @ 26,000 lb axle load; 14 1/2 x 10 inch S-cam air brake; 30 x 7.0 input power; and a 20.7 inch tire rolling radius. Shaded area indicates non-compliance.

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

125 Old Mill Road • Cartersville, GA 30120

Call 800.223.5201 or visit  
**MarathonBrake.com**

