

# TS

## Traction Stopper

A premium organic friction material providing a long lining life in severe duty and multiple stop applications. Ideal for the logging industry.



# Marathon

BRAKE SYSTEMS



# TS

## Traction Stopper

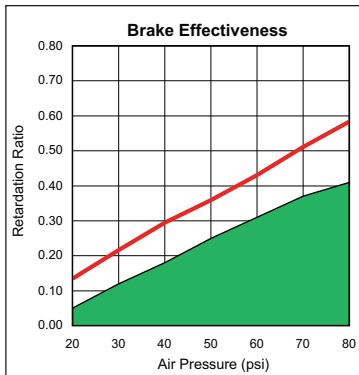
Premium, organic Traction Stopper brake linings are designed to handle the high heat and extra-heavy loads found in refuse, concrete, logging, sand and gravel, oil delivery and other tough applications. TS linings provide dependable stopping power with a long service life. This friction material meets Federal regulations in accordance with FMVSS 121 test procedure and is rated for 25,000 lb axle loads.

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

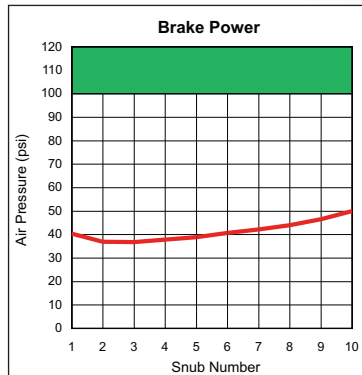
## TS Delivers

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

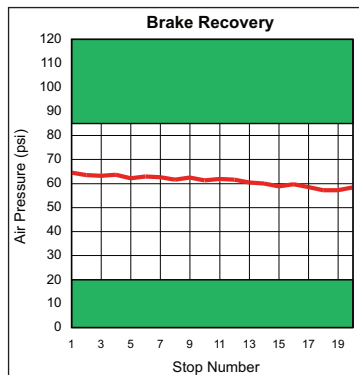
## FMVSS 121 Test Results



**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 20.7 inch tire rolling radius. Shaded area indicates non-compliance.

**RSD**  
APPROVED PER RP628C

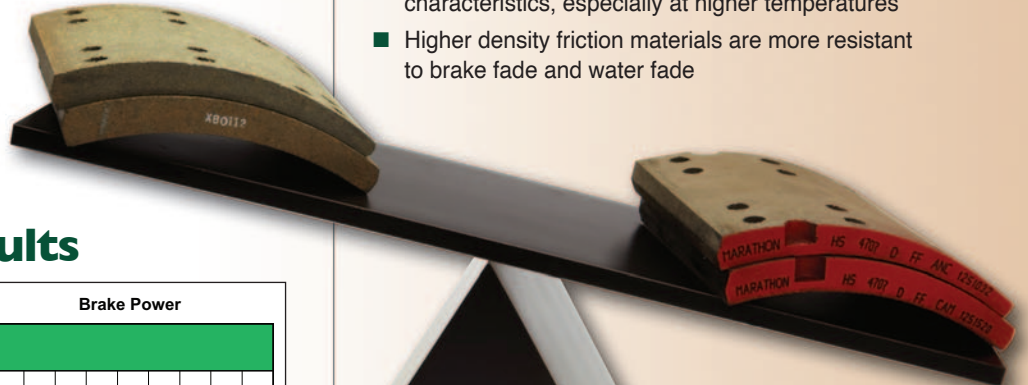
ISO 9001  
CERTIFIED  
ISO 14001  
CERTIFIED



## 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

