# RX 6297


**FMVSS 121**
**tested at 23,000 lbs.**

## Stopping Distance Standards*

**Abex RX 6297**
**217 feet**

**OEM Requirement (10% margin)**
**225 feet**

**Current FMVSS 121 RSD Standard**
**250 feet**

**Previous FMVSS 121 Stopping Distance Requirement**
**355 feet**

*Loaded Conditions

Abex® has a proven history advancing brake technology with continuous and determined global R&D. It's why Abex is dramatically enhancing safety with brake shoes engineered to stop up to 33 feet shorter than the industry standard.** Now that's just what you would expect from one of the largest global friction manufacturers: brake technology that's miles ahead.

**Stopping distance for Abex RX 6297 represents the best of the 6 stops at 60 mph and GVWR from results based on FMVSS 121 vehicle test conducted by Link Commercial Vehicle Testing, Inc. Test conducted on a 6x4 truck-tractor with a GVWR of 60,600 lbs. (14,600 lbs. steer/46,000 lbs. drive axles) configured with 16.5" x 5" S-cam Drum brake on the steer axle and 16.5" x 7" S-cam Drum brakes on the drive axles.

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Abex®

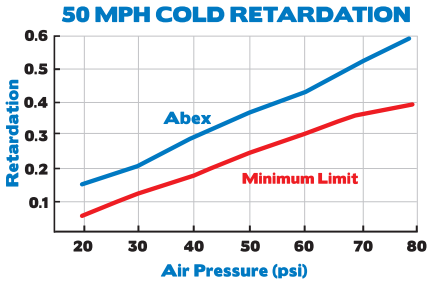
# RX 6297 PRODUCT PROFILE

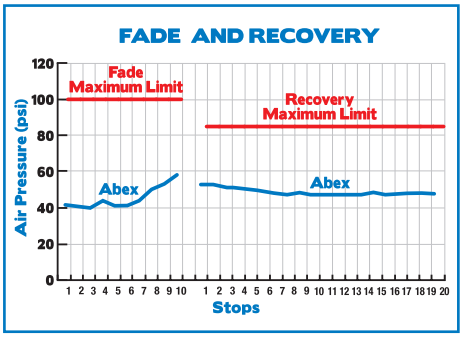
- RSD Certified – validated by independent FMVSS 121 vehicle test
- Improved stopping distance (217 feet – validated by vehicle test)
- Application specific RSD formulations – 6297S (Steer) & 6297D (Drive)
- Crack resistant
- Copper-free
- Excellent lining and drum wear
- Low swell and growth
- Exceptional flexural strength

### FMVSS 121 BRAKE STANDARD*
**Typical Dynamometer Plot**

**Test Parameters:**

- Brake – Meritor 16.5 x 7 Q Plus
- Axle Load – 23,000 lbs.
- AL Factor – 165 (30 x 5.5)




*Tested internally by Link-certified dynamometer.

## Why Do You Need Reduced Stopping Distance (RSD) Brake Linings?

### How Far is 105 Feet?

- The previous FMVSS 121 stopping distance requirement was 355 feet.
- The current stopping distance requirement is 250 feet.
- The difference between the previous and current requirement equates to 105 feet. This is the length of 2-1/2 school buses or 6 minivans.

### Best Maintenance Practice

- Federal-Mogul Motorparts (an OE-Friction Manufacturer) recommends replacing worn RSD brakes with RSD friction.
- To do anything less is to operate outside of the best OE maintenance practices.

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