

We want to stop you every time.

Your brakes have one purpose: stopping your vehicle. That means stopping your car, van or truck 100 times out of 100—not 99. It means stopping from any speed. It means stopping when brakes are brand new and when they've travelled thousands of miles. It means stopping when brakes are dry or wet or cold or hot.

If your brakes fail you only once, that's one time too many for us, for the service dealer who installed them, and especially for you and your loved ones.

Safe stopping depends on many closely related factors. The most important is the quality of friction materials used in drum brake shoes and disc brake pads. Many brake linings—particularly those made from inexpensive minerals and fillers, or those using solidified oils as binders—simply can't "take the heat." And high operating temperatures are the worst enemy of brake performance and safe stopping.

How do you know what you're getting?

Unless you're a brake expert, how can you be sure you're getting Professional-Quality™ friction materials? One way is to buy brakes backed by a strong warranty from a trusted service dealer. Another way: learn about what goes into the manufacture of today's advanced friction materials.

That's why NAPA has prepared this informational brochure for you...

What should you expect of your brakes?

With decades of testing and on-road experience to draw on, our engineers have identified the properties that quality drum brake shoes and disc brake pads must have:

Consistent Stopping Ability: You don't want surprise when you have to come to an emergency stop from top speed. Your brakes

Vehicles of the '90's demand advanced friction materials.

Today's high-tech cars, vans and light trucks with their downsized components put tougher demands on brake systems. New approaches and materials are needed.

For over 50 years, NAPA has set the standard in developing braking systems to meet vehicle needs. To bring the best to you, NAPA has always relied on the best suppliers in the U.S.A. for design and manufacture of brake components.

Meet NAPA American Brakeblok and NAPA Rayloc...

Two companies long known for excellence continue to play key roles in the evolution of today's advanced braking systems.

American Brakeblok has pioneered the development of friction materials since 1902. Today, this company is the world's leading producer of friction materials. American Brakeblok maintains plants worldwide plus extensive research and development facilities at Mahwah and Toms River, NJ, and Winchester, VA.

At Mahwah, the company operates the larg-

est, most sophisticated brake dynamometer test facility in the world. In high-tech labs, technicians simulate every braking condition any vehicle will ever experience.

American Brakeblok also conducts "real world" testing of friction materials on its fleet of passenger cars and trucks. Only friction materials that exhibit outstanding stopping ability under all conditions are released for production.

NAPA Rayloc is NAPA's brake supplier, with more than 60 years' experience in drum brake shoes and disc brake pads. Rayloc is also highly regarded among America's quality-minded service dealers as the world's largest remanufacturer of automotive components.

Together, American Brakeblok and Rayloc are an unbeatable brake team. Starting with the best possible friction materials and observing strict quality controls at every stage of development, testing, and final manufacture, they produce the best-stopping brakes you can buy.

These superior brakes deliver predictable stopping for the safety of you and your family—100 times out of 100.

They last far longer—making them your most economical choice in the long run.

Above all, they give you peace of mind. You're stopping with the best!

Brakes produced by American Brakeblok and Rayloc are available at over 6700 NAPA AUTO PARTS stores, as well as at tens of thousands of service dealers who want to keep you safe and satisfied by installing the best.

must stop your vehicle with predictable pressure at low speed, at midrange speed, and—most important—at high speed. And they must maintain their consistency for the life of the friction material. Even soaking wet, brakes should deliver 75% of normal stopping ability.

• **Fade Resistance:** If you've never experienced fade, you don't want to. This "sinking" feeling can result from a temporary loss of stopping power when shoes or pads become very hot after repeated use. Top-quality brakes resist fade and recover from high temperatures quickly. They maintain this bounce-back ability for the life of the linings.

• **Long-lasting Wear:** In a properly operating system, each brake on the same axle should wear at the same rate and deliver equal-stopping power. New brake shoes and pads should deliver thousands of miles of safe stops before needing replacement. Friction material should also be compatible with rotors and drums so scoring and drum wear don't become expensive problems.

Look for the above qualities when you buy brakes. Brakes that don't "measure up" won't deliver the performance you deserve.

Does it make sense to ask your service dealer to install Professional-Quality brakes? Absolutely!