

PORTERFIELD BRAKE SHOE COMPOUNDS

Our racing brake shoes are high-temperature bonded, arched to drum specifications, and copper riveted. These brake shoes will withstand the most rigorous racing conditions with consistent and powerful stopping performance.

R-4 Woven Kevlar - Our Woven Kevlar is a high friction woven composite material designed for use in mechanically actuated drum brake systems. It has very high friction at ambient and low temperatures for good initial bite and may be bonded to aluminum or steel brake shoe cores. Trusted by top car mechanics to stop the most valuable of vintage vehicles safely, without any unnecessary drum wear. This material is widely used in vintage racing and vintage touring events. ****NOTE: This material is designed for use on Mechanical drum brakes ONLY****

R4-S Performance Street - The R4-S shoe is designed for all types of vehicles ranging from passenger cars, large SUV's, tow vehicles, and commercial vehicles. It stands out in a vast array of uses as a reliable high friction longer lasting brake shoe. For trucks, a shoe that adds a substantial increase in rear axle stopping power at all temperatures. On your daily driven road car it will provide both longer shoe and pad life.

***For rare vintage and other odd applications customer may be required to furnish their brake shoe cores. We are able to reline virtually any type of brake shoe. If you would like the shoes to be arced to your drum please just include your drum diameter when ordering. ***

R-4 - Original Racing Compound - Our original R-4 racing brake shoe material manufactured by Porterfield for over a decade. It remains to be one of the finest brake shoes produced. They have high overall friction, warm up quick and are drum friendly. The R-4 is able to operate under the most severe and extreme braking conditions. High temp bonded and riveted onto your cores or ours. It is our longest lasting race shoe material. It offers high friction at the high temps needed for heavy cars with drum brakes. A proven winning material suitable for most all forms of auto racing.

RD-4 - Vintage Racing Compound - The RD-4 brake shoe material incorporates the latest in brake shoe material development and is suitable for all types of racing. This racing shoe has a higher friction at the lower temps. This makes it an excellent choice for racer that need immediate friction. The RD-4 remains very drum friendly while being able to withstand use under competition. Suitable for lightweight race cars, improved touring, autocross, and vintage race cars. It is an excellent all purpose race shoe compound. After several tests we have also found it to improve the stopping ability of drum brakes on road cars. Especially vintage front drums cars will benefit from this higher friction compound.