
BRAKE PAD GUIDE

Miller



HAWK MAKES BRAKES

Hello, We Are Hawk Performance.

We make brakes that manufacture speed on the racetrack and instill confidence on the drive home.

Racers know that speed alone isn't what wins races, but the control of that speed. We can't help you with horsepower, but we can add magic to your brakes. We make an extensive line of Official Brake Products for motorsports organizations such as the Sports Car Club of America, Skip Barber Racing School and the Richard

Petty Driving Experience, and we are the Official Brake Choice of some of the world's most exciting drivers and teams in motorsports today.

Over 25 years of finding fractions of seconds on the racetrack has also taught us a thing or two about stopping street vehicles, and we apply that knowledge to every product we make. After all, powerful and reliable braking for

your daily driver is about much more than bringing home a trophy.

Whether your ride is an Indycar or Trophy Truck, import tuner or SUV, Hawk Performance should be the brake you choose. What's stopping you?



NEW PRODUCTS

Street Race

- *Controllable torque*
- *Great rotor & pad wear life*
- *100-1200°f operating Temperatures*
- *Smooth and predictable control*
- *Designed to deliver high deceleration rates*
- *Smooth braking feel*
- *Excellent brake release*

HPS 5.0

- *Aggressive torque*
- *Great rotor & pad wear life*
- *High friction/torque cold or hot*
- *Smooth braking feel*
- *Consistent brake release characteristics*
- *Virtually noise free*

DTC 50

- *Very high torque with aggressive initial bite*
- *Excellent modulation and release characteristics*
- *Wide temperature operating range between 300° and 1400°*
- *High temperature fade resistance*
- *Brake pads designed for cars with extremely high deceleration rate needs*

Blue 42

- *Intermediate initial bite*
- *Increased torque characteristics*
- *Low to mid temperature range*

Sector 27

- *Reduced brake fade and improved brake system effectiveness*
 - *Lowered temperatures*
 - *Silver Zinc plating prevents the rotor from rusting prematurely*
 - *Aggressive look behind custom wheels.*
 - *Long life*
-



SECTOR 27

“THE NUMBER 27 IS LEGENDARY IN MOTORSPORTS AND PERFORMANCE; MANY OF THE WORLD’S MOST FAMOUS RACECAR DRIVERS AND TEAMS HAVE RACED THE 27.”

Drilled & Slotted.

Carrying the racing number of legendary drivers requires legendary performance — and the technology and manufacturing of these rotors deliver just that. The new Sector 27 Rotors utilize a drilled and slotted design. Beveled holes provide superior cooling under the most extreme conditions. The slots are rounded, which provides consistent contact between the rotor and pad while also sweeping away gas and dust. The result is a high performance rotor that enables harder and more precise braking, while also lowering temperatures by as much as 180 degrees. To ensure long life and to reduce rust, Sector 27 Rotors are plated with silver zinc. These elements are combined with a very precise manufacturing process, ensuring each and every rotor fits perfectly and is balanced to our stringent specifications.

Features:

- *Reduced brake fade and improved brake system effectiveness*
 - *Lowered temperatures*
 - *Silver Zinc plating prevents the rotor from rusting prematurely*
 - *Aggressive look behind custom wheels.*
 - *Long life*
-

NEW!

HPS 5.0

“DESIGNED TO BE THE
PREMIUM REPLACEMENT
PAD FOR AMERICAN
MUSCLE CARS,
EUROPEAN TOURING
SEDANS, & TUNERS.

Hit *the* Rev Limiter.

For years, engine builders have been pushing motors to the limits of their ability, and at Hawk Performance, we're one step closer to the ABS Rev Limiter. High Performance Street 5.0 pads give your vehicle the greatest stopping power and pedal feel without compromising its ABS.

The new pads are Ferro-Carbon compound brake pads that provide advanced braking characteristics to enhance the driving experience. This new compound combines the safety and quality of aerospace design partnered with the braking technology of motorsports. The results are shorter stopping distances, improved performance under heavy braking conditions and street car friendly characteristics.

Features:

- Aggressive torque
- Great rotor & pad wear life
- 100-1200°F operating temperatures
- Smooth and predictable control
Designed to deliver high deceleration rates
- Smooth braking feel
- Consistent brake release characteristics



HPS

"THIS UNIQUE FERRO-CARBON FORMULA WAS DEVELOPED FOR STREET PERFORMANCE USING THE SAFETY AND QUALITY OF AEROSPACE AND MOTORSPORTS SEVERE DUTY FRICTION TECHNOLOGY.

Power *for the Street.*

High Performance Street disc brake pads are legendary for increasing stopping power on street-legal vehicles. Increasing the performance of your vehicle's braking system is easy when you choose Hawk Performance's HPS braking compound.

The High Performance Street compound offers a higher coefficient of friction over stock brake pads and can provide you 20-40% more stopping power and higher resistance to brake fade than most standard replacement pads. Less fade means you will have better pedal feel and more consistent performance in a durable brake pad that generates less brake dust.

Features:

- Aggressive torque
- Great rotor & pad wear life
- 100-700°F operating temp
- Virtually noise-free
- Smooth braking feel
- Consistent brake release characteristics





PERFORMANCE CERAMIC

“LUXURY PERFORMANCE CARS HAVE CONTRIBUTED TO CUSTOMER DEMAND FOR A LOW DUST, PERFORMANCE BRAKE PRODUCT.”

Low Dust, Low Noise.

Hawk Performance offers a premium, high-performance, ultra-low-dust, low-noise compound called Performance Ceramic.

This high-performance compound is engineered to reduce brake NVH (Noise, Vibration and Harshness), creating a quieter performing brake pad. Additionally, the ceramic brake pad formula has a linear friction profile that allows your ABS brake system to work more effectively. With Performance Ceramic you can expect reduced brake pad wear, lower dust-output levels and a rotor-friendly brake pad.

Recommended for import and domestic automobiles, luxury SUVs, sports trucks and vans.

Features:

- *Extremely quiet-engineered to reduce brake NVH*
- *Increased stopping power*
- *Increased rotor life*
- *Extended pad life*
- *Ultra-low dust*
- *Stable friction output*
- *Ideal for import and domestic sports cars and luxury cars, sport trucks, vans and suvs with light towing and hauling duty*



HP+

“FOR AUTOCROSS,
SOLO II AND TRACK
DAY EVENTS”

From *the Track* to *the Garage*

Hawk Performance's HP Plus brake pad compound is ideal for Autocross and Track Day drivers looking for a high performance race compound that can take the heat of the track and still get them home safely.

HP Plus utilizes a unique Ferro-Carbon, high-tech friction material that was developed and manufactured for Autocross, Solo II and Track Day applications. The Ferro-Carbon formulation offers lower wear rates and higher torque values than other materials. Wide and linear torque makes HP Plus the perfect upgrade over stock for high performance streetcars used in autocross competition or that subjected to racing-style, heavy braking.

Features:

- *Low to mid temp range*
- *Fade resistant*
- *Smooth and predictable torque*
- *Ideal for autocross & club racing events*



NEW!

STREETTRACE

"THE USE OF STREET CARS IN RACING IS A TREND THAT INCREASES EVERY YEAR, AND DRIVERS ARE CONSTANTLY DEMANDING MORE. THEY ARE ALWAYS LOOKING FOR AN EDGE OVER THE COMPETITION."

The Master of Faster

Using decades of engineering data from our racing programs, the Hawk Performance team cross-engineered the new Street/Race compound. This new compound is the ultimate high-performance, street brake pad — perfect for performance drivers who use their street cars for autocross, HPDE, open track and time-trail racing. High Performance Street/Race pads feature Hawk's Mechanical bond Retention System (MRS), slotted friction, hot-bond shim and pad chamfer, which improve vehicle handling, driver confidence and overall safety. It performs flawlessly at operating temperatures between 100 and 1200 degrees Fahrenheit, offering superior torque and providing consistent braking characteristics and great pedal feel.

Features:

- Controllable torque
- Great rotor & pad wear life
- 100-1200°F operating temperatures
- Smooth feel and bite
- Excellent brake rotor wear.
- Consistent brake release characteristics



LTS

“WE HAVE COMBINED THIS FRICTION TECHNOLOGY WITH AEROSPACE DESIGN QUALITY TO DEVELOP THE ULTIMATE ON HIGHWAY TRUCK AND SUV SPECIFIC FRICTION MATERIAL.”

Bigger Wheels, Bigger Brakes.

For over 25 years, Hawk Performance has developed friction solutions for some of the largest trucks on the planet. Our products are used by both OE and aftermarket companies servicing the mining, construction, military and commercial truck markets.

We understand that traditional car brake-pad technology just doesn't cut it on today's trucks. And this is especially true if you haul heavy payloads or trailers. Our LTS brake compound will dramatically improve your truck's stopping power and fade resistance. Additionally, Hawk Performance LTS compound is unrivaled in terms of rotor and pad wear.

Features:

- *Designed for large brake systems found on full-size trucks*
- *Engineered using technology from fleet & military applications*
- *Ferro-Carbon friction material delivers more braking power and fade resistance than OE pads*
- *Low dust*
- *Excellent pad and rotor life*
- *Virtually noise-free*
- *Ideal for import and domestic full-size trucks, vans and SUVs with moderate towing and hauling duty*



SUPERDUTY

“THIS UNIQUE FERRO-CARBON MATERIAL DELIVERS EXTREMELY HIGH FADE RESISTANCE, WITH SUPERIOR HIGH TEMPERATURE ROTOR AND BRAKE PAD WEAR.”

For Extreme Payloads.

Hawk Performance SuperDuty brake pads feature our OE and aftermarket severe-duty friction technology. This product has been engineered for Class 2 and higher, on-highway, commercial trucks.

This unique Ferro-Carbon material delivers extremely high fade resistance, with superior high-temperature rotor and brake pad wear.

Features:

- *Engineered from technology used in heavy-duty on/off highway and military applications*
- *Extremely high coefficient of friction and fade resistance*
- *Recommended for professional fleets (greater than 1 ton) and light trucks towing excessive payloads*



PIRELLI

HAWK
P E R F O R M A N C E



NEW!

DTC 50

"ALL OF OUR RACE TEAMS AGREE THAT THE DTC 50 HAS TREMENDOUS STOPPING POWER WITH AN INDUSTRY LEADING INITIAL BITE."

Get *into the* Winners' Circle. **Features:**

The Hawk DTC 50 is what our racers have been asking for; a pad that can be used as a split compound for tuning, and an endurance compound that can be used at the highest levels of racing.

This new DTC 50 compound was developed through extensive testing, giving racers a pad that enhances our line of Dynamic Torque Control products, and bridges the temperature and Mu range from our current DTC 30 to DTC 60 race pads. The new compound offers consistent performance across a wide range of temperatures while providing very high torque and aggressive initial bite. Extremely predictable Mu gain throughout the torque curve provides the purest of drivers the most desirable pedal feel.

- *Very high torque with aggressive initial bite*
- *Excellent modulation and release characteristics*
- *Wide temperature operating range between 300° and 1400°*
- *High temperature fade resistance*
- *Brake pads designed for cars with extremely high deceleration rate needs*
- *Ideal for professional sports car racing, club racing, vintage muscle cars, Open Wheel (formula), high horsepower off road and stadium/short course vehicles*



RACE SERIES

DTC-05

For lower torque Dirt Track Racing. This friction formulation provides very controllable, higher temperature performance.

DTC-30

For Dirt Circle Track applications. Uniquely controllable torque with smooth, consistent feel and bite. Superior release & torque control characteristics.

DTC-60

High torque with less initial bite than DTC 70. Superior release and torque control characteristics. Brake pads designed for cars with high deceleration rates with or without down force. Recommended for use with DTC-70 when split friction between front and rear axle is desired.

DTC-15

For Dirt Circle Track Racing, these are a medium torque compound with superior release characteristics and excellent cold effectiveness.

DTC-50

A pad that can be used as a split compound for tuning, and an endurance compound that can be used at the highest levels of racing.

DTC-70

Extremely high torque with aggressive controllable initial bite. Superior release and torque control characteristics. Brake pads designed for cars with high deceleration rates with or without down force.

RACE SERIES

Blue-42

Intermediate initial bite., increased mid Mu characteristics, and low to mid temperature range.

HT-10

Intermediate to high torque with a smooth initial bite. Very consistent pedal feel. Excellent modulation and release characteristics.

MT-4

Medium/High torque and temperature compound with medium/high initial bite. For circle track cars under 2800 lbs without high deceleration rates.

Black

Medium torque and temperature compound designed to be a good, all-purpose low- cost racing brake pad.

DR-97

Excellent static and dynamic coefficient of friction. Smooth linear torque. Low pad and rotor wear. For use in drag racing.

Metallic

High torque with linear in-braking characteristics across temperature ranges, allowing the driver to brake harder, longer without sacrificing the life of the pad.