

Carbotech Brake Compounds

Carbotech™ XP16™ 1601™)

The latest compound to be released this year from Carbotech. It is a step up from the highly successful XP12 compound. . With an extremely, and we mean extremely high initial bite, torque and fade resistance than compound XP12™. XP16™ is a world leading friction compound that is unmatched as a Ceramic racing compound, with a temperature range of 250°F to 2000°F+. Carbotech XP16™ still has outstanding release and modulation that has made all other Carbotech compounds so successful. The XP16™ is the most rotor aggressive compound Carbotech makes, but compared to it's competition the XP16™ is still very rotor friendly and contains 100% non-corrosive dust. XP16™ is recommended only for expert/very advanced drivers. XP16™ is found to be most affective on race cars weighing 3,000lbs or more using R-Compound tires only. Ideal for sprint use only in classes such as T1, T2, H1, GT1, GT2, GT3, GT, GS, DP, P1, P2, etc... Not recommended for daily street use.

Carbotech™ XP12™ (1112™)

One of the latest series of XP™ compounds with an extremely high initial bite, torque and fade resistance than compound XP10™. XP12™ is a world leading friction compound that is unmatched as a Ceramic racing compound, with a temperature range of 250°F to 2000°F+. The XP12™ still has that excellent Carbotech release and modulation that has made all other Carbotech compounds so successful. The XP12™ is the most disc aggressive compound Carbotech offers, but compared to the competition the XP12™ is still very disc friendly and contains 100% non-corrosive dust. XP12™ is recommended only for expert/very advanced drivers. XP12™ is found to be most affective on race cars weighing 2,400lbs or more using R-Compound tires; or street cars weighing 3,200lbs or more for track use only. Ideal for LMP1, LMP2, DP, T1, T2, T3, H1, H2, GT1, GT2, GT3, TC, GT, ST, GS, MX-5 Cup, etc... XP12™ is NOT recommended for use as a daily driven street pad due to possible elevated levels of dust and noise.

Carbotech™ XP10™ (1110™)

When Carbotech released XP10™ it was an instant success, gathering multiple regional, divisional, and national US championships. XP10™ has a very high initial bite, with a coefficient of friction and rotor friendliness unmatched in the industry. Fade resistance is in excess of 1650°F. Due to the high level of friction and bite, this material is recommended for cars weighing around 2,000lbs or more, not including formula cars and cars with brake bias bars weighing less than 2,000lbs. XP10™ still maintains the highly praised release and excellent modulation, rotor friendliness, and 100% non-corrosive dust that have made all Carbotech compounds so successful. XP10™ is not recommended as a daily-driven street pad .

Carbotech XP8™ 8™)

A high torque brake compound with a wide operating temperature range (200°F-1350°F+). Carbotech XP8™ is the first of our racing compounds. Outstanding initial bite at race temperatures, high coefficient of friction, excellent modulation and release characteristics. Extremely high fade resistance, very rotor friendly with 100% non-corrosive dust. Excellent as a front brake pad for cars that weigh less than 2,400lbs. Perfect for novice, intermediate and advanced track day use with any tyre, and can still be driven safely to and from the track. There are several vehicles that use XP8™ on the street, autocross, and at track day events. Carbotech does NOT recommend XP8™ as a daily driven street pad due to elevated levels of dust and noise. XP8™ is also a great rear brake pad for almost any race car (Spec Miata-T1/T2/CMC). XP8™ is a great compound on the front & rear of most open wheel and sports racers.

Carbotech™ AX6™ (1106™)

AX6™ is specifically engineered for Autocross / Track day applications. A high torque brake compound delivering reliable and consistent performance over a very wide operating temperature range (150°F to 1250°F +). Advanced compound matrix provides an excellent initial "bite", high coefficient of friction, and very progressive brake modulation and release characteristics. AX6™ offers high fade resistance, disc friendliness at all temperatures, excellent cold stopping power, and non corrosive dust. As a result, AX6™ is an excellent choice for Autocross & novice track day drivers. Many drivers use the AX6™ for street driving as well, even though Carbotech doesn't recommend street driving with AX6™ due to possible elevated levels of dust and noise. AX6™ is NOT a race compound, and should not be used as such. AX6™ shouldn't be used by any intermediate or advanced track day drivers, and should not be used with "R" compound tires (racing tires). Cars in excess of 300 BHP and/ or 3,000lbs should not use AX6™ for any track use.

Carbotech™ Bobat 1521™

Carbotech Bobcat 1521™ is a high performance street compound . Bobcat is known for its awesome release and modulation, along with unmatched disc friendliness. Like the AX™ & XP™ line of compounds, Bobcat 1521™ is a Ceramic based friction material offering minimal disc damage and non corrosive dust. Bobcat 1521™ offers outstanding performance, even when cold, low dusting and low noise with an excellent initial bite. This compound's virtually perfect linear torque production provides incredible braking force without ABS intervention. Bobcat 1521™ operating range starts out at ambient and goes up to 900°F. Bobcat 1521™ is suitable for ALL street cars. Bobcat 1521™ compound has been found to last two-three times longer than OE