Permanent Base Glide Treatment
For Alpine Skis and Snowboards
Never Wax Again.

Ski wax has been around since the 1850s and has always been assumed to be a necessary piece of the snow sliding puzzle. Its development over time has been dominated by the one-run world of ski racing and less by the needs of the everyday skier or snowboarder.

In the 1980s, again driven by racing’s desire for speed in small doses, dangerous perfluorocarbons and other toxic chemical additives were included in wax recipes to broaden performance and increase operational temperature ranges. Wax still depends on the need for the inconvenient and constant reapplication of chemical functional groups that cause widespread damage to the environment and those applying it.

Phantom is the Future of Snowsports.

Phantom is a permanent, one time application base-coating that forever eliminates the need for waxing skis and snowboards. It’s a disruptive, truly innovative solution that ushers in a new era in snowsports.

Phantom’s patent-pending polymer technology offers ultimate convenience combined with great glide performance that never wanes across all snow temperatures, and for the life of a ski or board’s use.

Phantom eliminates the damage traditional wax does to watersheds, along with the health risks for people applying it.

Phantom can be applied to any new or used ski or snowboard at any point in a board’s life cycle, at a price that quickly delivers strong value.
Three Undeniable Benefits.

With a single and permanent application, you get ultimate convenience (no waxing required), elite-level performance, substantial cost savings (no regular waxings), and increased base durability while saying “no” to the harmful chemical waste found in traditional ski and snowboard waxes.

Permanence breeds ultimate convenience.
Unlike wax, Phantom is only applied once, and permanently alters the entire thickness of your bases to make them both faster and harder. Performance never drops off, regardless of days ridden or stone grinds.

Speed and Performance.
Consistent glide and speed. Phantom is fast across a broad range of conditions and temperatures. Phantom mirrors the glide of all-temperature wax in most mid-winter snow conditions, and exceeds it in warmer snow temperatures.

Environmental Benefits.
Traditional waxes are comprised of unstable chlorofluorocarbon functional groups that leach PFC chemicals into the watershed, causing widespread damage to the ecosystem and health of all living organisms. Phantom is engineered to feature the fastest components of traditional waxes but in functional groups that are both inert to the environment and safe to those applying it.
Permanence and Convenience in Detail.

Waxing is like changing the oil in your car — except that wax has to be applied every few days simply to maintain baseline performance. Phantom is an oil change that only happens once and lasts for the life of the car.

When you wax a ski or snowboard, enhanced glide is evident for a few hours (soy-based waxes) or a few days at best (hot-boxed temperature specific waxes). Wax is an inherently soft topical layer that quickly wears off of base material due to ongoing friction with the snow surface. If waxing routines are missed, performance and glide drops drastically, because waxing is time consuming, it isn’t done with regularity.

With Phantom, you apply the formula once at any point in your boards’ life cycle, whether new or used.

It’s that simple. Phantom’s sophisticated, timed polymerization process permanently penetrates the entire thickness of the base material with powerful go-fast fluoro compositions designed to operate across all snow temperatures. When the ski or snowboard goes into a shop for stone grinding, the next fresh layer of Phantom is exposed — ready to glide.
Performance in Detail.

Unless you are constantly waxing with the correct temperature specific waxes, Phantom is faster across all conditions over time because its performance is consistent: you never suffer the glide degradation that happens when wax starts to quickly wear away.

As skiers and snowboarders who regularly ride at the resort or in the backcountry, we aren’t looking to win races. We desire reliable and predictable glide in all snow conditions and terrain.

Tested in different snow climates around the globe, and backed by extensive lab data, Phantom is noticeably faster than all-temperature wax in warm snow temperatures, and provides similar levels of glide in colder snow temperature ranges.

Phantom has a characteristic feel: when initially pushing off, or in a lift line, there is nothing distinctive or special; a phantomed base doesn’t have the slippery feel of fresh wax when moving very slowly. However, after gaining just a little bit of speed, Phantom delivers significant acceleration and achieves strong top-end glide, run after run.

Phantom also permanently alters the shore hardness of the base material itself; durability and resilience against rock impact increases—permanently.
Environment in Detail.

The innovation centers around the inclusion of glide friendly fluorocarbon functional groups, but in a superior new delivery method that renders them inert and harmless to life. Phantom doesn’t cause biological damage, and doesn’t present any long term environmental risks.

Traditional hydrocarbon wax can contain environmentally dangerous, cancer-causing chemicals such as: acetone, benzene, 2-butanone (methyl ethyl ketone), carbon disulfide, carbon tetrachloride, cresol, chlorobenzene, carbon monoxide, cyclopentene, ethyl benzene, mercury, styrene, tetrachloroethene, toluene, and xylene.

The dangers of wax begin during factory production where chemicals can seep into the surrounding watershed.

It then extends to those who apply wax in a shop or home environment. If you have ever seen images of world cup tuners applying fluorinated waxes with masks straight out of a nuclear fallout, you now may have an idea why. Even with non-flourinated waxes, toxin-laden fumes are inhaled into the lungs during the application process. Studies in Norway and Sweden have shown that technicians carry extremely high levels of perfluorochemicals (PFCs) and other chemicals found in ski wax in their bloodstreams. PFOA, for example, has been shown to be 45 times that of the general population, and is a direct catalyst to cancers, cardiovascular diseases, and hormone irregularities. Phantom eliminates the nasty chemical risk for shop technicians.
Wax damage spreads globally when a ski or snowboard is ridden down the mountain. Because wax is inherently softer than base material, friction from snow causes it to shed into the ecosystem during the use/degradation process (the reason you have to constantly reapply wax). You can see this effect on a warm day when the snow beneath your boards turns the color of your wax. When springtime arrives, wax flows into streams, rivers, and soil. Toxic chemicals then react with organic systems: fish, land animals, plants, and human drinking water are all subject to reactions that create permanent free radical damage. Worse yet, PFCs are indestructible and proliferate indefinitely throughout the ecosystem, causing ongoing damage to life.

Some manufacturers with an interest in sustainability have developed soy-based wax alternatives, but these waxes only last for a few runs and do not have the effective operating temperature range performance that can be achieved with the inclusion of harmful chemicals. The performance is simply not there.

Phantom upends this whole narrative, and presents a clean future for snowsports while delivering both performance and convenience.
Innovative science and research leads to patent-pending breakthrough.

Phantom’s approach is a truly innovative, scientific advancement. It’s a recipe that works day after day, tune after tune, and forever fundamentally changes our conception and approach to fast running boards designed for daily use.

DPS examined a history of alternative approaches that attempted to solve the wax problem, but nothing was deemed competitive. The company then began a developmental relationship with a group of leading material scientists to research and attack the problem via a novel free radical polymerization.

Initial Phantom research and development went through over forty different compound variations and extensive validation in both the lab and the mountains of Utah, Chile, and New Zealand to arrive at the final formula.

Lab results that correlate the hydrophobicity, coefficient of friction, shore hardness and full base penetration sit in harmony with test ski days in every condition: from manmade snow, warm spring snow, to fresh powder.

*(This is actually an Acai berry)*
FAQ

What is the financial benefit of buying Phantom instead of regular waxing?
Waxing is costly in terms of time and money; lugging skis to the shop, picking them up, etc. Phantom is a single maintenance that lasts forever. The cost of Phantom (USD $99) is equivalent to three standard wax services, which collectively lasts for only a matter of runs or days. In the end, Phantom yields tremendous value and delivers consistent and reliable performance, saving time, money, and energy.

Can a base still be waxed after application?
Yes. If you are racing competitively, you can still apply special temperature-specific waxes over Phantom. For racers, when your temperature-specific wax wears off, you are still riding on a Phantom coated base, which is superior to the performance of an unwaxed base. The bottom line: 99 percent of skiers or snowboarders will be perfectly happy with using only a one-time Phantom application on their boards for as long as they own them without ever having to apply wax.

Do skis or snowboards still need to be tuned after application?
All skis and snowboards still need to be stone ground occasionally to establish an appropriate structure for specific snow conditions and temperatures while removing “hair” from abraded bases. Edges still need to deburred and sharpened. Base damage still needs to be repaired and maintained. Phantom addresses the base’s gliding surface exclusively.

What happens if your ski/snowboard suffers base damage that needs repair?
Depending on the size of the repaired section, Phantom would need to be applied to the P-tex repair zone to maintain consistency across the entire surface area of the base.

Can I apply the treatment at home, and can I do it myself?
Phantom can be applied at home or by a ski or snowboard shop. The home application process takes about 20 minutes, with 6 hours of additional 'drying' time for Phantom to fully penetrate the base.

Can it be used in other sports or applications?
Not at this time. Phantom has been developed to work specifically on alpine ski and snowboard bases. We do not vouch for or endorse Phantom for any other sport, including nordic skiing.

Does Phantom work with skins and for backcountry skiing?
Phantom is an amazing tool for backcountry skiing and splitboarding. Wax is no longer removed by skins, skin glue is no longer contaminated by wax, and you always have glide in variable snow conditions all season long.
FAQ

Can you air ship Phantom?
Yes.

Does Phantom change the appearance of the skis?
Your skis or snowboard will retain a glossy black appearance after a Phantom application. After thirty days or so of use, any base material will begin to look “dry” as snow abrasion starts take its toll. At this point, a stone grind will freshen the appearance to new.

Is there a shelf life or temperature storage requirement?
No.

What comes inside a Phantom package?
A Phantom package includes: 2 pouches of Phantom (approx. 15ml per pouch which is enough for 1 pair of skis, or 1 snowboard), a microfiber cloth, and a brush for base finishing.