



FEBRUARY 2021

**AMERICAN
BIRKEBEINER PREP**



FLUORO FREE BIRKIE

The Birkie has gone fluoro free and so has SWIX.

Birkie Wax Policy

The American Birkebeiner Ski Foundation has joined U.S. Ski and Snowboard in banning the use of fluorinated ski wax in competition beginning the 2020-2021 season. We encourage all competitors to abide by this policy for all events on the Birkie Trail and at the American Birkebeiner Trailhead. All athletes are subject to random ski testing at events and penalties will apply to any US Ski and Snowboard licensed or citizen skier that is found to be non-compliant.



SWIX PRO HAS THREE DIFFERENT LEVELS OF **FLUORO FREE** PERFORMANCE GLIDERS.

P R O

BY *swix*



- **PS Performance Speed**

Speed at maximum value.



- **HS High Speed**

The second level of speed.



- **TS Top Speed & TSB Top Speed Black**

When every second counts!





SWIX HAS A NEW FLUORO FREE KICK WAX SYSTEM.



The VR line of kick waxes in the old Cera Nova System will be replaced by the VP Line. These new kick waxes are fluoro-free, created with a recipe made up of new raw materials.

The VP-line is primarily designed for racers, ambitious non-racing individuals and also recreational skiers looking for an optimal skiing experience.

Application: Thinly apply each layer – then smoothen the surface with a synthetic cork (T12).



VP30 45g

VP 30 PRO LIGHT BLUE

For new and new fallen fine-grained snow from -8°C to -16°C (18°F to 3°F). Oldpartly transformed snow from -12°C to -20°C (10°F to -4°F).

Light blue kick wax is designed for dry and cold to extremely cold conditions.

**Replaces VR30



VP40 45g

VP 40 PRO BLUE

For new and new fallen fine-grained snow from -4°C to -10°C (25°F to 14°F). Oldpartly transformed snow from -5°C to -14°C (23°F to 7°F).

Blue kick wax is designed for dry and cold winter conditions. A safe choice for normal midwinter inland conditions.

**Replaces VR40



VP45 45g

VP 45 PRO BLUE/PURPLE

For new and new fallen fine-grained snow from -1°C to -5°C (30°F to 23°F). Oldpartly transformed snow from -3°C to -8°C (27°F to 18°F).

Blue/Purple kick wax is designed for normal winter conditions well below the freezing point. An obvious "next step" if VP40 does not provide a safe kick.

**Replaces VR45



VP50 45g

VP 50 PRO PURPLE

For new and new fallen fine-grained snow from 0°C to -3°C (32°F to 27°F). Oldpartly transformed snow from -1°C to -6°C (30°F to 21°F).

Purple kick wax designed for conditions a few degrees below the freezing point. Provides perfect kick until you experience moderate shiny tracks.

The wax contains a new additive designed to impart maximum lubricity. This improves the stick-slip properties of the wax and gives an excellent feeling.

**Replaces VR50



VP55 45g

VP 55 PRO DARK PURPLE

For new and new fallen fine-grained snow from 1°C to -2°C (34°F to 28°F). Oldpartly transformed snow from 0°C to -5°C (32°F to 23°F).

Dark purple kick wax designed for moist, and new or new fallen snow around zero. Can also be used on older snow just below the freezing point without sacrificing glide.

The wax contains a new additive designed to impart maximum lubricity. This improves the stick-slip properties of the wax and gives an excellent feeling.

**Replaces VR55



VP60 45g

VP 60 PRO PURPLE/RED

For new and new fallen fine-grained snow from 2°C to -1°C (36°F to 30°F). Oldpartly transformed snow from -1°C to -4°C (34°F to 25°F).

Purple/Red kick wax works very well in moist new snow and shiny tracks. Will also work on older, slightly transformed snow some degrees below the freezing point. If tricky conditions around zero VP65 is recommended.

The wax contains a new additive designed to impart maximum lubricity. This improves the stick-slip properties of the wax and gives an excellent feeling.

**Replaces VR60



VP65 45g

VP 65 PRO RED/BLACK

For new and new fallen fine-grained snow from 0°C to 2°C (32°F to 36°F). Oldpartly transformed snow from 0°C to -4°C (32°F to 25°F).

Red/black kick wax with extraordinary properties when tricky conditions around the freezing point. Also brilliant on the cold side when high humidity and older/transformed snow. The black additive speaks for versatility and great anti-icing properties. VP65 works best on top of a couple of layers of a slightly harder wax. It also works great as a cover on top of klusters.

**Replaces VR65



VP70 45g

VP 70 PRO YELLOW

For new and new fallen fine-grained snow from 0°C to 3°C (32°F to 38°F). Oldpartly transformed snow from 2°C to -1°C (36°F to 30°F).

Yellow kluster-wax designed for moist and beginning wet, new snow. Can also be used in moderate transformed snow until just below the freezing point. If you experience very wet, new snow or coarse transformed snow kluster is recommended.

The wax contains a new additive designed to impart maximum lubricity. This improves the stick-slip properties of the wax and gives an excellent feeling.

**Replaces VR70



SWIX BRUSH RECOMMENDATIONS.

Category 1 – The Swix “Cleaning-Wax” brushes.

- T0161O - White Nylon Oval brush /or
- T0161D White Nylon Rectangular brush

Category 2 - The Swix “Pre-Wax” brushes

- 1st Option: T0179O Oval Steel brush (for rough work)
- 1st Option: T0179B Rectangular Steel Brush (for rough work)
- 1st Option: T0019S Steel Roto Brush (for rough work if roto brush is desired)
- 1st Option: T0191B Rectangular Fine Steel (for fine tuning)

- 2nd Lower priced option: T0162O Oval Medium Coarse Bronze brush
- 2nd Lower priced option: T0162D Rectangular Coarse Bronze brush

Category 3 - The Swix “Post-Wax” brushes (you actually have two options here)

- 1st Option: T0179O Oval Steel brush
- 1st Option: T0179B Rectangular Steel Brush

- 2nd Lower priced option: T0194O – Oval Black Stiff Nylon brush
- 2nd lower price option: T0194O - Rectangular Black Stiff Nylon brush

Category 4 - The Swix “Finish-Wax” brushes

- T0160O – Blue Nylon Oval brush
- T0160D – Blue Nylon Rectangular brush



SWIX PRELIMINARY WAX RECS FOR THE BIRKIE

The start of the Birkie is less than one week away for both in person and virtual ski racers. Let's get prepared and have the correct Non-Fluorinated Waxes and Tools.

With all this cold weather nationwide, the snowpack will be cold so it's essential you harden your base with Swix Marathon White. The White marathon comes in a solid block form and new this year is a Powder form, both the exact same recipe, just a little easier to apply the wax in a Powder form vs the solid block. This wax has been amazing in the cold weather we have been experiencing these past 2 weeks and would be a great option for Birkie race day.



SWIX PRELIMINARY WAX RECS FOR THE BIRKIE

GLIDE

BASE LAYER – Marathon solid or powder for durability to help manage dirt and moisture over the course of a long race

SPEED – High Speed 6 or 7 depending on your race day and start time. A good option would be either our solid or liquid option of these waxes



KICK

BINDER – VG35 ironed in or KB20 Klister spray for maximum durability

KICK – Wax of the day depending on temps. Our new VP kick line has been fantastic and provides bomber kick. VP40 is my favorite new kick wax.



SWIX LINKS-

For additional product how-to videos, please visit our SWIX SCHOOL page at:

https://www.youtube.com/channel/UCQVWVAjTt1QYdUF1_nfLA3A

Questions? Email Evan Pengelly: evan.pengelly@brav.com

