

VAUHTI

RESPONSIBLE FOR SPEED

VAUHTI RACING GLIDE WAXES AND HOW TO APPLY THOSE



CLEAN & GLIDE - cleaning and maintenance agent for glide zone

VAUHTI



CLEAN & GLIDE cleans effectively the glide zones from dirt and maintains base by creating a hard and dirt-resistant coating.

Always start a new waxing by cleaning the ski base with CLEAN & GLIDE. It improves the performance of the glide waxes on top of it since ski waxes absorb only to clean ski base.



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HOW TO USE CLEAN & GLIDE

1. Shake the bottle well.
 2. Apply on glide zone.
 3. Wipe to clean with Vauhti polishing cloth.
 4. Brush with a nylon brush after 1-2 minutes
- Repeat until the cloth remains clean after wiping.

TIPS:

- You may wrap the cloth over the brush and rub with this the wet base to make cleaning more effective.

UP UNIVERSAL & POLAR GLIDE WAXES

VAUHTI

UP glide waxes are intended specifically for active skiers and competitive skiers for training rounds. High-quality hydrocarbon ingredients, zinc stearate and silicon wax gives excellence performance and good durability to the products in all snow types and weather conditions.

UP UNIVERSAL

**For wide temperature range and variable conditions, +5/-10°C.
For training rounds and base protection.**

UP POLAR

**Excellent base wax for all condition to improve the durability of racing wax.
Use liquid in warm and wet conditions, solid in cold and dry conditions.**



- ▶▶▶ When the durability of waxing matters new RACE LDR is the answer.
- ▶▶▶ The formula of RACE LDRs have been specially developed as the best possible link between the ski base and the glide wax applied on top of LDR.
- ▶▶▶ Improves the durability and can also be used on its own in variable snow and weather conditions.
- ▶▶▶ Available in powder, solid and liquid forms.
- ▶▶▶ Black version contains molybdenum disulphide.



Package size: 35 g,

45 g,

180 g,

60 ml,

100 ml

RACE POWDER GLIDE WAXES

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RACE glide waxes are processed with powder from raw materials and used as high-performance coating powder in racing skiing.

High-quality hydrocarbon ingredients, zinc stearate and silicon wax give excellent performance and good durability to the products in all weather conditions.



**For wet
old snow.**



**At its best in
zero conditions.**



**Suitable for a
wide range of
snow conditions.
At its best in
dirty artificial
snow.**



**At its best in dry
artificial snow, but
also for falling
snow when its -5 °C
degrees or colder.**



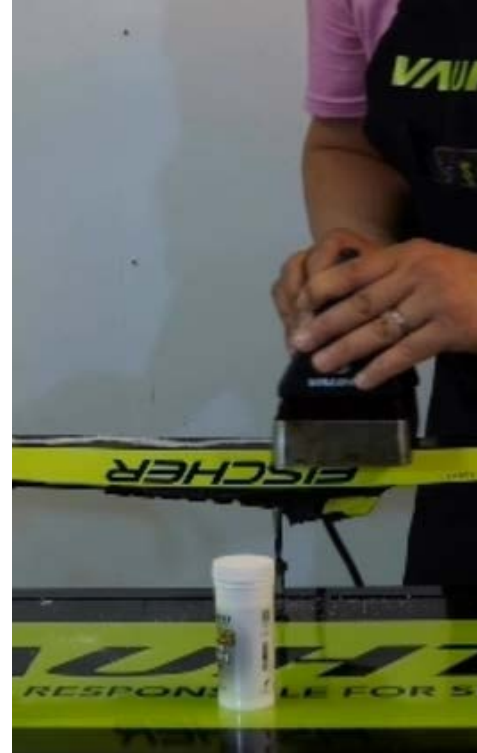
**For new
snow and
cold
conditions.**



**Old, coarse
and icy snow.**



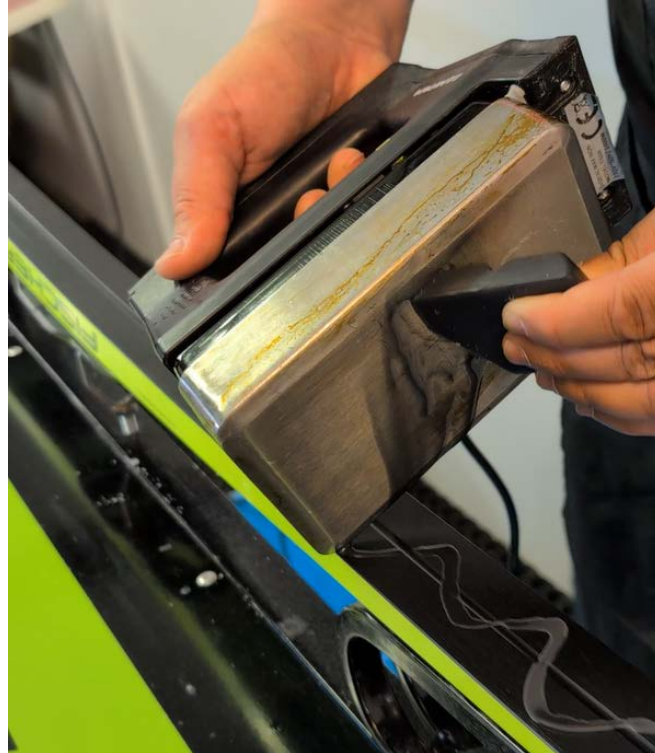
**For dry
and fine
snow.**



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HOW TO USE OUR POWDERS

1. Apply the powder over the entire ski base.
2. Iron the powder with waxing iron by using 150 - 200 °C. Move the iron against the ski base so that the powder melts perfectly.
3. Scrape gently when the wax is still warm.
4. Let it cool down. Scrape and brush thoroughly, using first brass brush then horsehair and finally nylon brush.



VALHTI
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HOW TO USE OUR GLIDE WAXES

1. Melt the wax with waxing iron with 150 - 200 °C. Move the iron against the ski base so that the wax melts perfectly and spreads over the entire ski base.
2. Scrape gently when the wax is still warm.
3. Let it cool down. Scrape and brush thoroughly, using first brass brush then horsehair and finally nylon brush.

RACE LIQUID GLIDE WAXES

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Race liquid glide waxes are processed in two steps. First solid raw materials are homogenized and then processed in organic solvents to give high-performance liquids in racing skiing. High-quality hydrocarbon ingredients, zinc stearate and silicon wax gives excellent performance and good durability to the products in all weather and snow conditions.



For wet
old snow.



At its best in
zero conditions.



Suitable for a
wide range
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At its best in
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At its best in dry
artificial snow, but
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snow when its -5 °C
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For new
snow and
cold
conditions.



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HOW TO USE OUR LIQUID WAXES

1. Press the sponge against the ski base lightly, which makes bottle valve open.
2. Apply a thick layer by rubbing it back and forth on the gliding surface.
3. Allow to dry completely.
4. Brush thoroughly, using first brass brush then horsehair and finally nylon brush.

TOP RACE LIQUID

VAUHTI

TOP RACE RED liquid is a top coating racing product for all snow disciplines.

- ▶▶▶ **Especially for wet and humid snow conditions.**
- ▶▶▶ **Prepare the ski base with RACE line glide waxes chosen according to snow conditions.**
- ▶▶▶ **Application:**
 - 1. Shake well before use.**
 - 2. Spray TOP RACE RED coating on the entire glide surface**
 - 3. Spread with synthetic cork with fleece**
 - 4. Let it dry and you are ready.**

Package size: 60 ml



TOP RACE BLOCKS

VAUHTI

TOP RACE BLOCK is processed in two steps. First powder form raw materials are homogenized and then compressed in block form to give high performance coatings for racing skiing. High-quality hydrocarbon ingredients, zinc stearate and silicon wax give excellent performance to the products in all weather conditions.



HOW TO USE TOP RACE BLOCK

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**Rub the block
on the base**

**Rub with synthetic
cork with felt**

**Rub the block
on the base**

Rub with felt

**Rub with natural
cork, option**

**Brush with
nylon brush**

**Optional application technique
with merino roto wool.**

CORNERSTONES FOR DIFFERENT SNOW AND WEATHER CONDITIONS

VAUHTI

NEW AND FINE-GRAINED SNOW

OLD AND COARSE SNOW

WARM / WET



ZERO / HUMID



COLD / DRY



VAUHTI RACING SERVICE WAX RECOMMENDATIONS 2025/2026

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	BASE WAX	MID LAYER	TOP LAYER	
+8...0°C	UP POLAR paraffin	UP POLAR liquid	RACE RED powder (~150 – 180 °C)	
	UP POLAR paraffin	UP POLAR liquid	RACE MoS2 powder (~180 – 200 °C)	
+0...-4°C Old snow	RACE LDR WHITE paraffin	RACE LDR WHITE liquid	RACE PINK powder (~150 – 180 °C)	Test to mix RACE MoS2 or RACE RED with RACE PINK and RACE VIOLET.
	RACE LDR WHITE paraffin	RACE LDR WHITE liquid	RACE VIOLET powder (~180 – 200 °C)	
+0...-4 °C New snow	RACE LDR WHITE paraffin	RACE LDR WHITE liquid	RACE PINK powder (~150 – 180 °C)	

Test TOP RACE RED coating always on wet and humid snow.



**The temperature of the waxing iron has an effect, especially on skiing sensitivity.
Tests have shown that the iron temperature can be higher, especially in mild and wet conditions.**

VAUHTI RACING SERVICE WAX RECOMMENDATIONS 2025/2026

VAUHTI

BASE WAX MIDDLE LAYER TOP LAYER

-5...-18°C
Old snow

RACE LDR BLACK paraffin RACE LDR WHITE liquid RACE VIOLET (~150 °C)

RACE LDR BLACK paraffin RACE LDR WHITE liquid RACE BLUE (~150 °C)

Test to mix RACE MoS2 or RACE GREEN with BLUE and VIOLET.

-5...-18°C
New snow

UP POLAR paraffin UP POLAR liquid RACE GREEN (~150 °C)

UP POLAR paraffin UP POLAR liquid RACE BLUE (~150 °C)

UP POLAR paraffin UP POLAR liquid RACE C (~150 °C)

Test to mix RACE C with GREEN and BLUE.

Test TOP RACE blocks on dry and cold snow.



**The temperature of the waxing iron has an effect, especially on skiing sensitivity.
Tests have shown that the iron temperature can be higher, especially in mild and wet conditions.**

CORNERSTONES FOR DIFFERENT SNOW AND WEATHER CONDITIONS

VAUHTI

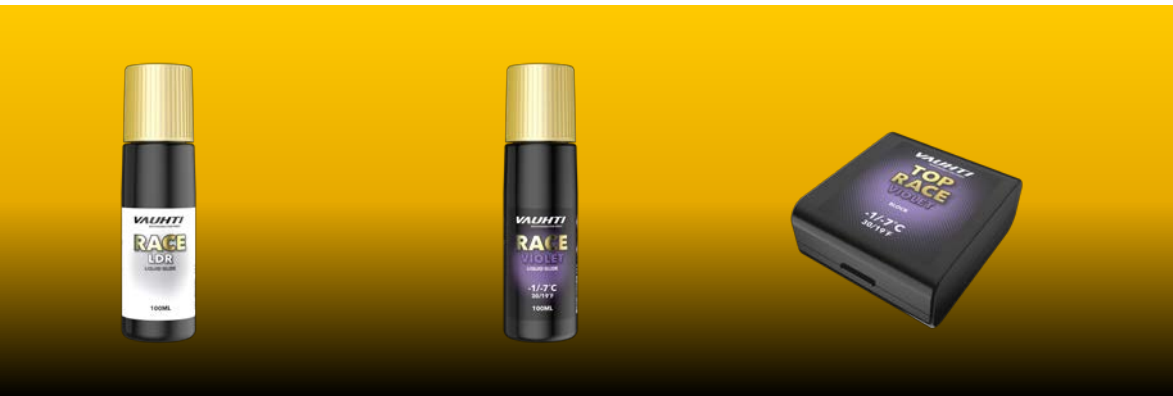
NEW AND FINE-GRAINED SNOW

OLD AND COARSE SNOW

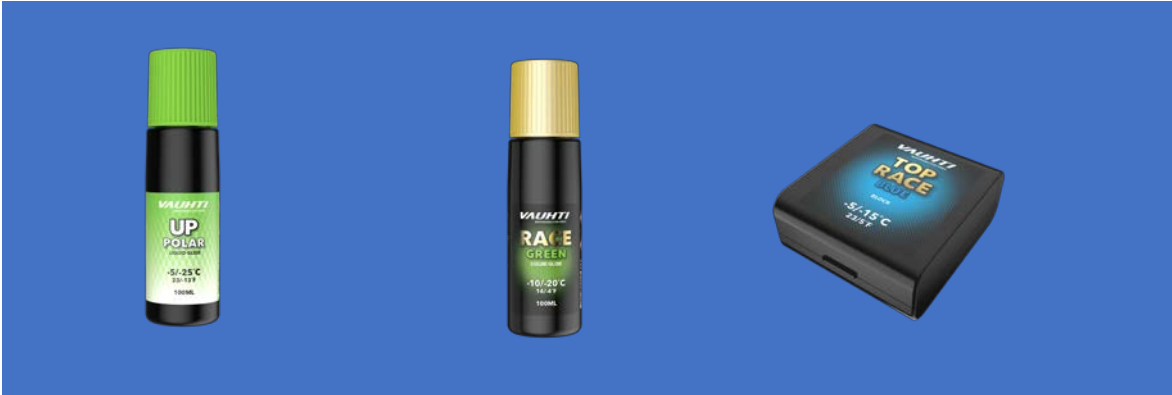
WARM / WET



ZERO / HUMID



COLD / DRY



VAUHTI RACING SERVICE WAX RECOMMENDATIONS WITH LIQUIDS

VAUHTI

	BASE WAX	MID LAYER	TOP LAYER
+8...0°C	UP POLAR liquid	RACE RED liquid	TOP RACE RED spray
+0...-4°C Old snow	RACE LDR WHITE liquid RACE VIOLET liquid		TOP RACE VIOLET block
+0...-4 °C New snow	RACE LDR WHITE liquid RACE PINK liquid		TOP RACE RED spray
-5...-18°C Old snow	RACE LDR WHITE liquid RACE BLUE liquid		TOP RACE MoS2 block
-5...-18°C New snow	UP POLAR liquid	RACE GREEN liquid	TOP RACE BLUE block

VAUHTI

RESPONSIBLE FOR SPEED

**VAUHTI
FLUOROCARBON
FREE RACING
GRIP WAXES
AND
HOW TO APPLY
THOSE**



GRIP BASE WAXES

VAUHTI

With liquid base grip waxes you get thin and even layer easily with sponge and the waxes are very durable. Apply and let it dry perfectly.



KS BASE

for all klisters (and grip waxes, in coarse conditions). Base wax ensuring proper adherence and maximum durability of top wax layers.



BASE AT

A base wax also suitable for fresh snow conditions. Good durability, excellent glide properties. Can also be applied cold, without ironing.



BASE SUPER

Excellent durability. Use the Base Wax Super on coarse and abrasive snow, as well as on artificial snow or wet fresh snow at temperatures around 0°C.

PURE RACE OLD SNOW GRIP WAXES

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RACE RED +3...-1°C

for wet & coarse snow, suitable for coating klisters.



RACE SILVER +1...-4°C

A grip wax containing aluminum and usable in wide range of weather conditions. Due to its viscosity, it can be used as a base wax for RACE RED grip and mixed together with RACE BLUE klisters in rough snow.



RACE LDR 0...-10°C

Universal wax for coarse old and artificial snow, suitable for coating klisters. Good grip properties, but also very fast grip.



RACE BLUE -5...-20°C

for dry old & artificial snow, hard content makes it very fast but without losing the grip.

PURE RACE NEW SNOW GRIP WAXES

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RACE WHITE +3...-3°C
for wet & damp fine grained snow. Good also in mixed snow conditions when there is a risk of icing.



RACE PINK -1...-5°C
for dry & fine grained falling snow, suitable for coating LDR klister when there is a risk of icing.



RACE VIOLET -2...-7°C
for shiny tracks with fine grained snow.



RACE GREEN -5...-20°C
for cold natural snow conditions.



RACE RED +10...+1°C for very wet snow conditions, use as a top layer or mixed with LDR klister. Works also on mixed snow when there is a risk of icing.



RACE VIOLET +2...-6°C use as a middle layer for other klister. Very hard and durable klister, good gliding properties. On its own suitable for old snow when tracks are hard and shiny.



RACE LDR +5...-10 °C universal klister for all snow types from wet to icy tracks. Use as a top layer or can be mixed with other klister. Durable and good gliding properties. Best option when there is a risk of icing or new snow.



RACE BLUE -1...-15°C for very hard and icy snow conditions up to -15 C, especially for refrozen old and artificial snow. Can be used as a base klister for other grip waxes and klister.

VAUHTI RACING SERVICE GRIP WAX RECOMMENDATIONS 2025/2026

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+3 °C or warmer
Wet snow

- Apply a thin and even layer of **KS Base** klister, allow to cool.
- Apply a thin layer of **RACE Violet** klister, allow to cool.
- Apply a thin layer of **RACE Ldr** klister, allow to cool.
- Apply a thin layer of **RACE Red** klister, allow to cool.
- You can adjust the amount of **RACE Red** klister according to the snow conditions.

+2/0 °C
Moist snow

- Apply a thin and even layer of **KS Base** klister, allow to cool.
- Apply a thin layer of **RACE Violet** klister, allow to cool.
- Apply a thin layer of **RACE Ldr** klister, allow to cool.
- Apply a layer of **RACE Red** grip wax, even it with a thumb.

-1/-2 °C
Newsnow

- Apply a thin and even layer of **GS Base Super** liquid base wax, allow to cool.
- Apply 1-2 thin layers of **RACE Silver** grip wax, even by pressing with thumb.
- Apply 2-4 layers of **GT Pink** or **RACE Pink** grip wax, even by synthetic cork.

-1/-3 °C
Old and coarse artificial snow

- Apply a thin and even layer of **KS Base** liquid klister, allow to cool
- Apply a thin layer of **RACE Blue** klister, allow to cool.
- Apply 2 layers of **RACE Silver** grip wax, even by synthetic cork.

VAUHTI RACING SERVICE GRIP WAX RECOMMENDATIONS 2025/2026

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-2/-7 °C
Newsnow

- Iron thin layer of **GS Base AT**, let it cooldown a bit.
- Apply 1-2 thin layers of **RACE LDR** grip wax, even out with synthetic cork
- Apply 3-5 thin layers of **RACE Violet** grip wax, even out with synthetic cork

-2/-7 °C
Old or artificial
snow

- Apply a thin and even layer of **GS Base Super** liquid base wax, allow to cool.
- Apply 3-5 thin layers of **RACE Ldr** grip wax, even out with synthetic cork
- Apply 1-2 thin layers of **RACE Violet** grip wax, even out with synthetic cork

-6/-12 °C
Newsnow

- Iron thin layer of **GS Base AT**, let it cooldown a bit.
- Apply 4-5 thin layers of **RACE Violet** grip wax, even out with synthetic cork
- You can add to the top layer **RACE Blue** or **GT Carrot** grip wax, even out with synthetic cork

-12/-20 °C
Newsnow

- Iron thin layer of **GS Base AT**, let it cooldown a bit.
- Add a layer of **RACE Blue** grip wax while the base grip is still warm, even out it and allow to cool.
- Apply another layer of **RACE Blue** grip wax, even out with synthetic cork
- Apply 2-4 thin layers of **RACE Green** or **GT Green** grip wax, even out with synthetic cork

-7/-20 °C
Old or artificial
snow

- Iron thin layer of **GS Base Super**, let it cooldown a bit.
- Add a layer of **RACE Ldr** grip wax while the base grip is still warm, even it and allow to cool.
- Apply 2-4 thin layers of **RACE Blue** grip wax, even out with synthetic cork