

# VAUHTI

RESPONSIBLE FOR SPEED

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



# SKI BASE CLEANING FROM OLD FLUOROCARBONS

**VAUHTI**

**Before you start the process. Make sure that you are using clean tools. Best is to replace those with new ones.**

1. Clean the base with **Vauhti Grip remover**

Use the brass brush when the base is wet, after that wipe the base with clean polishing cloth and let it dry



2. Clean the base with **Vauhti Clean & Glide Fluorocarbon free cleaning agent**

Use the nylon brush together with polishing cloth when the base is wet. After base is dry use the nylon brush to brush the ski.



3. Wax the base with **Vauhti pure up cold glide wax** or **Vauhti pure one cold glide wax** (hot wax)

Let wax cool down, scrape and brush it with brass and nylon brushes.



**Repeat 2 times these 3 points**

# 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 absorbs only to clean ski base.

**Bottle sizes: 500 ml and 200 ml**



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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.

# PURE UP LDR & POLAR GLIDE WAXES

**VAUHTI**

**PURE 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 LDR "NEW"

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.



# PURE RACE LIQUID GLIDE WAXES

**VAUHTI**

Pure 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 conditions.

**PURE RACE OLD SNOW especially for old and artificial snow.**

**PURE RACE NEW SNOW especially for natural and fine-grained snow.**





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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.

# PURE RACE SOLID GLIDE WAXES

**VAUHTI**

**PURE RACE glide waxes are processed with powder from raw materials and used as high-performance coating powder and blocks 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.**

**PURE RACE OLD SNOW especially for old and artificial snow.**



**PURE RACE NEW SNOW especially for natural and fine-grained snow.**



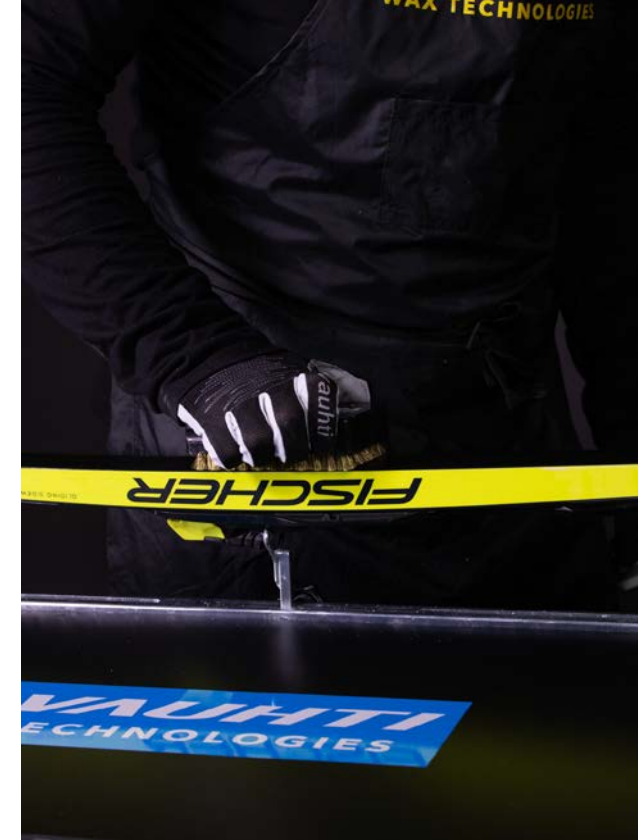
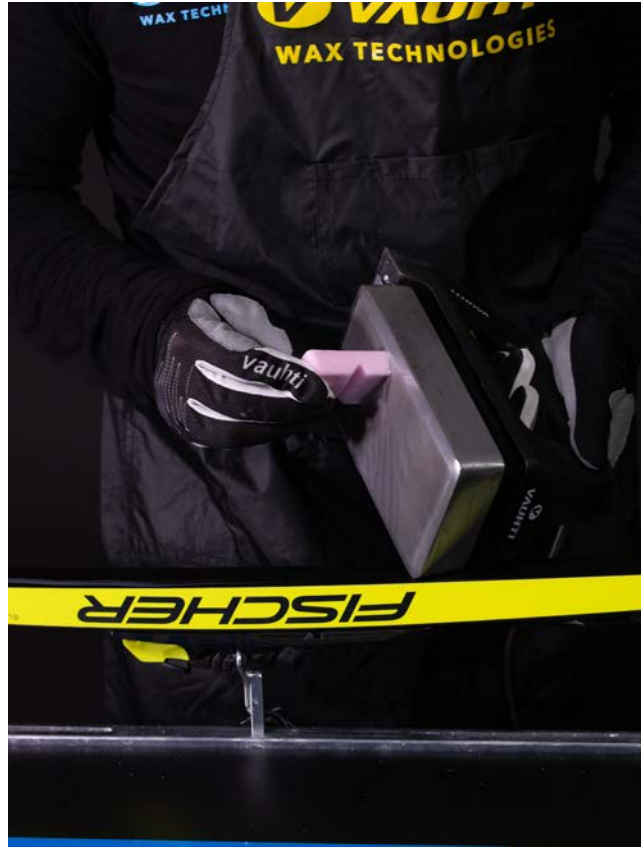




1. Apply the powder over the entire ski base.
2. Iron the powder with waxing iron by using 150 - 200 °C. Move the iron against the ski base so that the powder melts perfectly.
3. Scrape gently when the wax is still warm.
4. Let it cool down. Scrape and brush thoroughly, using first brass brush then horsehair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

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## HOW TO USE OUR POWDERS



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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.

## PURE RACE OLD SNOW THE BLOCK

**VAUHTI**

**THE 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. Especially for old and artificial snow.



Package size:

12 g



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

- ▶▶▶ Especially for wet and humid snow conditions.
- ▶▶▶ Prepare the ski base with RACE line glide wax chosen according to snow conditions.
- ▶▶▶ Application:
  - ▶▶▶ Shake well before use.
  - ▶▶▶ Spray TOP RACE RED coating on the entire glide surface, let it dry and you are ready.
  - ▶▶▶ Optional application; rub lightly with synthetic cork with fleece and brush with nylon brush.



- ▶▶▶ 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,

180 g,

60 ml,

100 ml

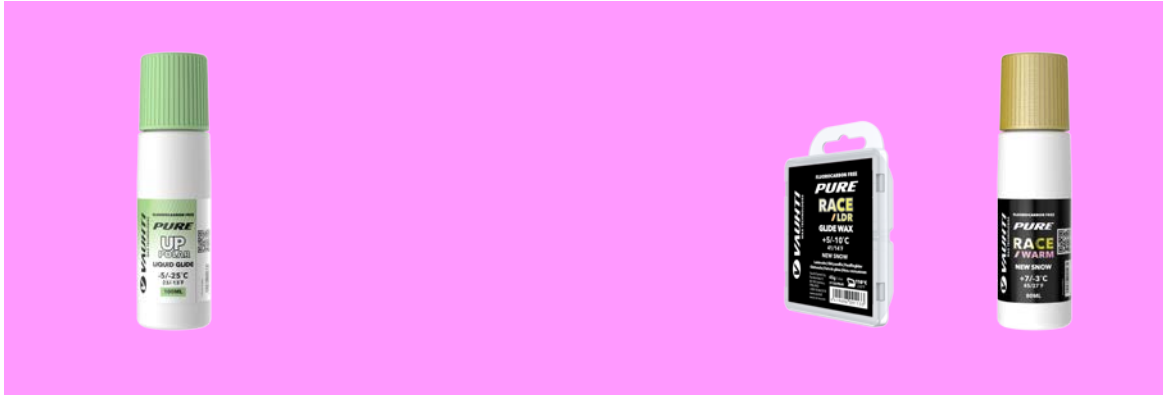
# CORNERSTONES FOR DIFFERENT SNOW AND WEATHER CONDITIONS

**VAUHTI**

## NEW AND FINE-GRAINED SNOW

## OLD AND COARSE SNOW

**WARM / WET**



**ZERO / HUMID**



**COLD / DRY**



# VAUHTI RACING SERVICE WAX RECOMMENDATIONS 2023/2024

**VAUHTI**

	<b>BASE WAX</b>	<b>MID LAYER</b>	<b>TOP COATING</b>
<b>+8...0°C</b>	UP POLAR paraffin	OS LDR liquid	OS BLACK powder (180 – 200 °C)
	UP POLAR paraffin	OS LDR liquid	NS LDR paraffin (n. 180 °C)
<b>+0...-4°C Old snow</b>	UP POLAR paraffin	OS LDR liquid	NS LDR paraffin (n. 180 °C)
	UP POLAR paraffin	OS LDR liquid	OS LDR/OS BLACK powders 50/50 (180 – 200 °C)
	UP POLAR paraffin	OS LDR liquid	OS LDR/OS WARM powders 50/50 (180 – 200 °C)
<b>+0...-4 °C New snow</b>	UP POLAR paraffin	NS LDR liquid	NS LDR paraffin (n. 180 °C)
	UP POLAR paraffin	NS LDR liquid	OS LDR/OS WARM powders 50/50 (180 – 200 °C)

**OS BLACK has been working well in wet and shiny tracks.**

**It's worth of testing in wet conditions with different combinations with other RACE series products. (incl. liquids).**

**UP POLAR always as base wax.**



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





# VAUHTI RACING SERVICE WAX RECOMMENDATIONS 2023/2024

**VAUHTI**

	BASE WAX	MIDDLE LAYER	TOP COATING
<b>-5...-18°C</b> <b>Old snow</b>	UP POLAR paraffin	OS COLD or LDR liquid	OS COLD powder (n. 150 – 180 °C)
	UP POLAR paraffin	OS COLD or LDR liquid	NS POLAR powder (n. 150 – 180 °C)
<b>-5...-18°C</b> <b>New snow</b>	UP POLAR paraffin	NS LDR liquid	NS LDR paraffin (n. 150 – 180 °C)
	UP POLAR paraffin	NS COLD or LDR liquid	OS COLD powder (n. 150 – 180 °C)
	UP POLAR paraffin	NS COLD or LDR liquid	NS POLAR powder (n. 150 – 180 °C)

**UP POLAR always  
as base wax.**

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



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## 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.



## **RACE RED +3...-1°C**

**for wet & coarse snow, suitable for coating klusters.**



## **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 klister in rough snow.



## **RACE LDR 0...-10°C**

Universal wax for coarse old and artificial snow, suitable for coating klusters. 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

**VAUHTI**



**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 klisters. 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 klisters. 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 klisters.**

# VAUHTI RACING SERVICE GRIP WAX RECOMMENDATIONS 2023/2024

**VAUHTI**

**+3 Cor warmer**  
**Wet new or fine**  
**grained 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.

**+3 Cor warmer**  
**Old or artificial 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 Ldr/Red** klister mixed together(50/50), allow to cool.
- Apply a thin layer of **RACE Red** klister, allow to cool.

**+3/+1C**  
**Old or artificial 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.
- Apply a layer of **RACE Red** grip wax, even it with a thumb.

**+1/0C**  
**Moist new snow or**  
**newsnow**

- Apply a thin and even layer of **KS Base** klister, allow to cool.
- Apply a thin layer of **RACE Violet** klister and mix few drops of **RACE Ldr** klister, allow it cool.
- Apply 1-2 layer of **RACE Red** grip wax, even it with a thumb.

**+1/0C**  
**Old or artificial**  
**snow**

- Apply a thin and even layer of **KS Base** liquid 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.

# VAUHTI RACING SERVICE GRIP WAX RECOMMENDATIONS 2023/2024

**VAUHTI**

**-1/-2C**  
**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** grip wax, even by synthetic cork.

**-1/-3C**  
**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.

**-2/-7C**  
**Newsnow**

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

**-2/-7C**  
**Old or artificial snow**

- Apply a thin and even layer of **GS Base Super** liquid base wax, allow to cool.
- Apply 2-4 thin layers of **RACE Ldr** grip wax, even by synthetic cork
- Apply 2 thin layers of **RACE Violet** grip wax, even by synthetic cork



# VAUHTI RACING SERVICE GRIP WAX RECOMMENDATIONS 2023/2024

**VAUHTI**

**-6 /-12 C**  
**New snow**

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

**-12 /-20C**  
**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 it and allow to cool.
- Apply another layers of **RACE Blue** grip wax, even by synthetic cork
- Apply a thin layers of **RACE Green** grip wax, even by synthetic cork

**-7/-20C**  
**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 by synthetic cork