



Rexpert™
RACING SERVICE

**WAXING RECOMMENDATIONS
FOR TOP RACING**

47

CONTAINS 47
TESTED WAXING
RECOMMENDATIONS
FOR ALL SKIING
CONDITIONS



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Rexpert™
RACING SERVICE

WAXING RECOMMENDATIONS FOR TOP RACING

Before you start the waxing for the day

First, prepare the skis with a base wax that is appropriate for the weather conditions.

1. Start with Base oil # 492 and let it penetrate a while (if possible, several hours or overnight)
2. Wax once with Rex Base Paraffin #491 straight onto oiled ski base
3. Wax once or several times with Rex Racing Blue #423
4. Wax a hard "base" with either medium fluor Racing Fluor Graphite # 406 (for powder snow) or pink Transformé #405 (artificial, icy or spring conditions)

It is recommended that this be done the day before the race in order to save time on race day for the final race waxing. More about preparation: www.rex.fi

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About Fluorine Top Coatings for Racing



THE FLUOR TOP-COATING IS USED WHEN MAXIMAL GLIDE IS DESIRED REGARDLESS OF COST. THE EFFECT OF THE TOP-COATING IS AUGMENTED BY ADDING A SECOND LAYER, USUALLY GEL OR BLOCK. THIS EFFECT IS ESPECIALLY NOTICEABLE IN UPHILL SKATING.

To make the waxing instructions easier:

❁ = this top coating is useful (better feeling) but not necessary

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Cold conditions:

TK-820

A. -7...-20°C, NEW SNOW

First top coating layer: TK-820 fluor powder spread evenly and ironed (150°C) quickly back and forth 3-5 times so that the ski base turns a grey/black colour. Light brushing "to loosen" the powder and iron again, light scraping, brushing. Second top coating layer: TK-820, thin layer, use nylon brush to make it even, rub with hand cork followed by brushing

B. -3...-20°C, OLD SNOW

First top coating layer: TK-820 ironed (150°C) quickly back and forth 3-5 times so that the ski base turns a grey/black colour, brush "to loosen" and spread even with brush and iron again, scraping, brushing Second top coating layer: TK-72 hand corked (with roto-cork only for marathons being careful not to over-heat)

C. -1...-8°C, NEW SNOW

First top coating layer: TK-28 normally with very hot iron (>150°C) Second top coating layer: TK-28 hand corked or TK-72 hand corked

D. -1...-8°C, OLD SNOW

First top coating layer: TK-28 normally with very hot iron (>150°C) Second top coating layer: TK-28 hand corked

Around zero °C

TK-244

E. +1...-3°C, NEW SNOW

First top coating layer: TK-244 Fluor Powder normally with iron (150°C) Second top coating layer: TK-244 Fluor Powder hand corked

F. +1...-3°C, NEW AND OLD SNOW

First top coating layer: TK-244 Fluor Powder normally with iron (150°C) Second top coating layer: TK-244 hand corked

Nagano

H. -0...+1°C, NEW SNOW

First top coating: Nagano hand corked

Above zero °C

TK-50

H. +1...+10°C NEW SNOW

First top coating layer: TKK-244 Fluor Powder normally with iron (150°C) Second top coating layer: TKK-244 Fluor Powder hand corked I. +1...+10°C old snow First top coating TK-50 The dirtier and wetter the snow the more times one needs to "burn" (hot iron >160°C) the wax onto the ski base so waxiness is decreased. Between ironing brushing "up" the powder.

TK-244

G. +1...+4°C/+10°C NEW SNOW

First top coating layer normally with iron Second top coating layer hand corked.

New Snow

1. AIR TEMPERATURE +2°...0°C / 70 %->

• **GLIDE WAX**

406 Racing Fluor Graphite
415 Red Olympico
485 TK-50 Fluor powder Ironed with hot iron (>150°C), light scraping and brushing with nylon brush
*473 Nagano block, hand corked, 2 layers

• **GRIP WAX**

205 Purple klister
30 Red silver Proline fluor
** 489 TK-820 powder spread lightly with finger

2. AIR TEMPERATURE +1...-3°C / 70 %->

• **GLIDE WAX**

406 Graphite Racing Fluor
416 Purple Olympico
479 TK-244 "New" fluor powder, Ironed with light scraping and brushing

• **GRIP WAX**

81 Green Power grip
30 Red or 25 Purple Proline fluor grip wax
** 489 TK-820 powder spread lightly with finger

3. AIR TEMPERATURE 0°C / 70 %->

• **GLIDE WAX**

406 Graphite Racing Fluor
415 Red Olympico
479 TK-244 "New" Fluor powder ironed, scraped lightly and brushed
473 Nagano block ironed, scraped lightly and brushed

• **GRIP WAX**

81 Green Power grip
30 Red Proline Fluor
** 489 TK-820 powder sprinkled onto wax, spread lightly with finger

4. AIR TEMPERATURE 0...-2°C / 70 %->

• **GLIDE WAX**

402 Blue Racing Fluor or 406 Graphite Racing Fluor
416 Purple Olympico
479 TK-244 "New" powder Ironed, scraped lightly and brushed

• **GRIP WAX**

81 Green Power grip
30 Red Proline Fluor
25 Purple fluor grip wax, thin layer

5. AIR TEMPERATURE -2...-8°C / 70 %->

• **GLIDE WAX**

406 Graphite Racing Fluor
417 Blue Olympico
487 TK-28 powder, ironed, scraped lightly and brushed

• **GRIP WAX**

81 Green Power grip
25 Purple fluor grip wax
15 Blue Proline Fluor

6. AIR TEMPERATURE -8°C...10°C / 70 %->

• **GLIDE WAX**

406 Graphite Racing Fluor
417 Blue Olympico
487 TK-820 powder, Ironed, and nylon brushed

• **GRIP WAX**

81 Green Power grip
15 Blue Proline Fluor
105 Light green grip wax

7. AIR TEMPERATURE -11°C...-15°C 70 %->

• **GLIDE WAX**

406 Graphite Racing Fluor
418 Green Olympico
489 TK-820 powder

• **GRIP WAX**

81 Green Power grip
10 Green Proline Fluor
105 Light green grip wax

8. AIR TEMPERATURE -15°C...-20°C / 70 %->

• **GLIDE WAX**

406 Graphite Racing Fluor
418 Green Olympico
489 TK-820 powder

• **GRIP WAX**

81 Green Power grip
10 Green Proline Fluor
105 Light green grip wax

9. AIR TEMPERATURE -10°C...-22°C / 40-60%

• **GLIDE WAX**

406 Graphite Racing Fluor
404 White Racing Fluor "Nordic"

• **GRIP WAX**

81 Green Power grip
10 Green Proline Fluor
105 Light green grip wax

11. AIR TEMPERATURE -0,5°C...-20°C / 60-95% "GENERAL RECOMMENDATION"

• **GLIDE WAX**

406 Graphite Racing Fluor
483 TK-72 block hand corked
*472 SCL-gel

Mixed Snow (new and old snow)

20. AIR TEMPERATURE +1...0°C / 70 %->

• **GLIDE WAX**

423 Blue Racing
416 Purple Olympico
479 TK-244 Fluor powder

• **GRIP WAX**

205 Purple klister, thin layer
2401 Universal fluor klister
** 470 Hydrex gel

21. AIR TEMPERATURE 0...+3°C / 70 %->

• **GLIDE WAX**

405 Pink RCF Transformè
416 Purple Olympico
479 TK-244 "New" powder. Ironed, lightly scraped and brushed

• **GRIP WAX**

205 Purple klister
240 Universal klister
2401 Universal fluor klister
** 470 Hydrex gel

22. AIR TEMPERATURE -0,5°C...+0,5°C / 70 %->

• **GLIDE WAX**

406 Graphite RCF or 402 Blue RCF
416 Purple Olympico
479 TK-244 Fluor powder

• **GRIP WAX**

81 Green Power grip
30 Red Proline Fluor
** 489 TK-820 powder sprinkled onto wax, spread lightly with finger

23. AIR TEMPERATURE -0,5°C...-1,5°C / 70 %->

• **GLIDE WAX**

402 Blue RCF or 406 Graphite RCF
416 Purple Olympico
479 TK-244 "New" powder, ironed, lightly scraped and brushed

• **GRIP WAX**

81 Green Power grip
30 Red silver Proline Fluor
** 489 TK-820 powder sprinkled onto wax, spread lightly with finger

24. AIR TEMPERATURE -2...-3°C 70 %->

• **GLIDE WAX**

406 Graphite RCF
416 Purple Olympico
487 TK-28 powder, ironed, lightly scraped and brushed with nylon brush

• **GRIP WAX**

81 Green Power grip
25 Purple fluor grip wax, very thin layer

25. AIR TEMPERATURE -2...-8°C / 70 %->

• **GLIDE WAX**

406 Graphite RCF
417 Blue Olympico
487 TK-28 powder, ironed, scraped and brushed

• **GRIP WAX**

81 Green Power grip
15 Blue Proline Fluor
10 Green Proline Fluor, thin layer

26. AIR TEMPERATURE -6...-10°C / 70 %->

• **GLIDE WAX**

406 Graphite RCF
487 TK-28 powder, Ironed, scraped and brushed

• **GRIP WAX**

81 Green Power grip
10 Green Proline Fluor
105 Light green grip wax

27. AIR TEMPERATURE -8...-12°C / 60-90 %

• **GLIDE WAX**

406 Graphite RCF
418 Green Olympico
489 TK-820 powder, ironed, brushed with nylon brush and Ironed again

- GRIP WAX
- 81 Green Power grip
- 10 Green Proline Fluor
- 105 Light green grip wax

28. AIR TEMPERATURE -12...-15°C / 62%

- GLIDE WAX
- 406 Graphite RCF
- 404 White RCF
- 489 TK-820 powder

- GRIP WAX
- 81 Green Power grip
- 10 Green Proline Fluor
- 105 Light green grip wax

29. AIR TEMPERATURE -12°C...-15°C / 70 %->

- GLIDE WAX
- 406 Graphite RCF
- 418 Green Olympico

- 489 TK-820 powder
- GRIP WAX
 - 81 Green Power grip
 - 10 Green Proline Fluor, 2 layers
 - 105 Light green grip wax, thin layer

30. AIR TEMPERATURE -15°C...-20°C / 65%... 80%

- GLIDE WAX
- 406 Graphite RCF, 2 layers
- 489 TK-820 powder
- 406 Graphite RCF
- 404 White RCF "Nordic"
- TK-820 Fluor powder

- GRIP WAX
- 81 Green Power grip
- 10 Green Proline Fluor
- 105 Light green grip wax, 2 layers

9. AIR TEMPERATURE -10°C...-22°C / 40-60%

- GLIDE WAX
- 406 Graphite Racing Fluor
- 404 White Racing Fluor "Nordic"

- GRIP WAX
- 81 Green Power grip
- 10 Green Proline Fluor
- 105 Light green grip wax

12. AIR TEMPERATURE -0,5°C...-20°C / 60-95% "GENERAL RECOMMENDATION"

- GLIDE WAX
- 406 Graphite RCF
- 483 TK-72 block
- 471 Sapporo-gel

Old Snow

40. AIR TEMPERATURE +4°C / VERY DIRTY SNOW 70 %->

- GLIDE WAX
- 405 RCF Transformé
- 485 TK-50 powder, ironed with hot iron (>160°C) at least twice so that it gets "dry", scraping and brushing
- The dirtier and wetter the snow the more times one needs to "burn" (hot iron >160°C) the wax onto the ski base so waxiness is decreased.
- Between ironing brushing "up" the powder.

- GRIP WAX
- 205 Purple klister
- 222 Yellow "OU" klister
- 215 Silver klister
- **470 Hydrex gel

41. AIR TEMPERATURE 0...+3°C / 65% - 87%

- GLIDE WAX
- 416 Purple Olympico
- 485 TK-50 powder

- GRIP WAX
- 205 Purple klister
- 240 Universal klister
- 2401 Universal fluor klister

42. AIR TEMPERATURE +0... +10°C / 70 %->

- GLIDE WAX
- 405 Transformé RCF, brushed with nylon brush
- 485 TK-50 powder, ironed 3 times

- GRIP WAX
- 205 Purple klister
- 240 Universal klister
- 222 Yellow "OU" klister
- 470 Hydrex

43. AIR TEMPERATURE -0,5°C...+0,5°C / 70 %->

- GLIDE WAX
- 406 Racing Fluor Graphite
- 416 Purple Olympico
- 479 TK-244 "New" Fluor powder Ironed, lightly scraped and brushed

- GRIP WAX
- 81 Green Power grip
- 30 Red Proline Fluor
- **470 Hydrex gel

44. AIR TEMPERATURE -0,5°C...-1,5°C / 70 %-> = 4.

- GLIDE WAX
- 402 Blue RCF
- 416 Purple Olympico
- 479 TK-244 "New" Fluor ironed, lightly scraped and brushed

- GRIP WAX
- 81 Green Power grip
- 30 Red Proline Fluor
- **470 Hydrex gel

45. AIR TEMPERATURE -1°C / 70 %->

- GLIDE WAX
- 406 Graphite RCF or 402 Blue RCF
- 416 Purple Olympico
- 479 TK-244 Fluor powder

- GRIP WAX
- 81 Green Power grip
- 30 Red silver Proline Fluor
- **470 Hydrex gel

46. AIR TEMPERATURE -2°C / 70 %->

- GLIDE WAX
- 406 Graphite RCF
- 416 Purple Olympico
- 479 TK-244 "New" powder Ironed, lightly scraped and brushed
- *483 TK-72 block, or 472 SLC-gel

- GRIP WAX
- 81 Green Power grip
- 122 Purple grip wax

47. AIR TEMPERATURE -2...-3°C / 70 %->

- GLIDE WAX
- 406 Graphite RCF
- 416 Purple Olympico
- 479 TK-244 Fluor powder, ironed, lightly scraped, brushed with nylon brush
- *483 TK-72 Fluor block for skating skis

- GRIP WAX
- 81 Green Power grip
- 25 Purple fluor grip wax, very thin layer

48. AIR TEMPERATURE -2...-8°C / 70 %->

- GLIDE WAX
- 406 Graphite RCF
- 417 Blue Olympico
- 487 TK-28 powder, ironed, scraped and brushed
- *483 TK-72 block or 471 Sapporo-gel

- GRIP WAX
- 81 Green Power grip
- 15 Blue Proline Fluor
- 10 Green Proline Fluor, thin layer

49. AIR TEMPERATURE -6...-10°C / 70 %->

- GLIDE WAX
- 406 Graphite RCF
- 487 TK-28 powder
- *483 TK-72 block, or 472 SLC-gel

- GRIP WAX
- 81 Green Power grip
- 10 Green Proline Fluor
- 105 Light green grip wax

50. AIR TEMPERATURE -8...-12°C / 60-90 %

- GLIDE WAX
- 406 Graphite RCF
- 418 Green Olympico
- 489 TK-820 powder, ironed, brushed with nylon brush and fixed again

- GRIP WAX
- 81 Green Power grip
- 10 Green Proline Fluor
- 105 Light green grip wax

51. AIR TEMPERATURE -12...-15°C / 62%

- GLIDE WAX
- 406 Graphite RCF
- 404 White RCF
- 489 TK-820 powder
- *483 TK-72 block, or 472 SLC-gel

- GRIP WAX
- 81 Green Power grip
- 10 Green Proline Fluor
- 105 Light green grip wax

52. AIR TEMPERATURE -12°C...-15°C / 70 %->

- GLIDE WAX
- 406 Graphite RCF
- 418 Green Olympico
- 489 TK-820 Fluor powder Ironed, lightly scraped and brushed
- 483 TK-72 block hand corked or 472 SLC-gel

- GRIP WAX
- 81 Green Power grip
- 10 Green Proline Fluor, 2 layers
- 105 Light green grip wax, thin layer

53. AIR TEMPERATURE -15°C...-20°C / 65%... 80%

- GLIDE WAX
- 406 Graphite RCF, 2 layers
- 489 TK-820 Fluor powder

- GRIP WAX
- 81 Green Power grip
- 10 Green Proline Fluor
- 105 Light green grip wax, 2 layers

Old Snow

9. AIR TEMPERATURE -10°C...-22°C / 40-60%

• GLIDE WAX

406 Graphite Racing Fluor
404 White Racing Fluor "Nordic"

• GRIP WAX

81 Green Power grip
10 Green Proline Fluor
105 Light green grip wax

12. AIR TEMPERATURE -0,5°C...-20°C / 60-95% "GENERAL RECOMMENDATION"

• GLIDE WAX

406 Graphite RCF
483 TK-72 block
471 Sapporo-gel

Wet, coarse artificial snow

60. AIR TEMPERATURE +2°C 70 %->

• GLIDE WAX

405 Transformé RCF
485 TK-50 powder, ironed twice with hot iron,
scraped and brushed

• GRIP WAX

205 Purple klister
240 Universal klister
222 Yellow "OU" klister. If snow is dirty, cover
with 215 Silver klister

61. AIR TEMPERATURE +1...-1°C / 70 %->

• GLIDE WAX

405 Transformé RCF
479 TK-244 "New" powder
*483 TK-72 block hand corked or 471 Sapporo-gel

62. AIR TEMPERATURE +1...-2°C / 70 %->

• GLIDE WAX

405 Transformé RCF
416 Purple Olympico
479 TK-244 "New" powder, ironed, scraped
*483 TK-72 block or 471 Sapporo-gel

• GRIP WAX

205 Purple klister
30 Red silver Proline Fluor
25 Purple grip wax
**489 TK-820 powder

63. AIR TEMPERATURE -1°C...-3°C / 70 %->

• GLIDE WAX

406 Graphite RCF
417 Blue Olympico
487 TK-28 powder, ironed, scraped and brushed
*483 TK-72 block, handcorking and brushing

• GRIP WAX

200 Blue, or 205 Purple klister
30 Red silver Proline Fluor
25 Purple fluor grip wax
**489 TK-820, rubbed with the finger on top of
the grip wax

64. AIR TEMPERATURE -2...-6°C / 70 %->

• GLIDE WAX

405 Transformé RCF
417 Olympico Blue
487 TK-28 powder
*483 TK-72 block, or 471 Sapporo-gel

• GRIP WAX

200 Blue, or 205 Purple klister
25 Purple fluor grip wax
15 Blue Proline Fluor

65. AIR TEMPERATURE -5°C...-8°C / 70 %->

• GLIDE WAX

406 Graphite RCF
417 Blue Olympico
487 TK-28 powder
*483 TK-72 block, or 471 Sapporo-gel

• GRIP WAX

200 Blue, or 205 Purple klister
15 Blue Proline Fluor
10 Green Proline Fluor

66. AIR TEMPERATURE -8...-15°C / 60-80 %

• GLIDE WAX

406 Graphite RCF
418 Green, or 419 Molybdène Olympico
489 TK-820 powder, ironed, brushed with nylon
brush and Ironed again

• GRIP WAX

200 Blue klister
10 Blue fluor grip wax
105 Light green grip wax

67. AIR TEMPERATURE -14...-20°C

• GLIDE WAX

406 Graphite RCF
419 Molybdène Olympico
489 TK-820 powder
*483 TK-72 block hand corked

• GRIP WAX

200 Blue klister
10 Green Proline Fluor
105 Light green grip wax, 2 layers

10. AIR TEMPERATURE -10°C...-22°C / 40 - 60%

• GLIDE WAX

406 Graphite RCF
405 Pink RCF "Transformé"

12. AIR TEMPERATURE -0,5°C...-20°C / 60-95% "GENERAL RECOMMENDATION"

• GLIDE WAX

406 Graphite RCF
483 TK-72 block
471 Sapporo-gel