









# THE TUNING

The majority of ski preparation or tuning is accomplished using a 200mm file (011038) cutting the entire length of the edge.

When using a file to cut the edge you may work effectively from the tip to tail or tail to tip, however it is very imortant to apply the same pressure to the edge over the entire ski.

Do not apply excessive pressure. We recommend using the Corner-Plier system it may be less convientant to use than the more complex sharpeners, however, applies superior results.

On clean edges a 150mm file is suffient. The corner are available from 90 degrees to 85 degrees.

The greater the angle the sharper and more aggressive the ski will preform, but may result in the ski becoming very reactive to ski pressure.

We reccomend not to tuning at 90 degrees for the following reasons : the angle on the side must be at least the same as on the base (to obtain 90 degrees). Currently skis are manufactured with specific angles, therefore we recomend detirmining these angles before tuning.





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Leave the ski until the wax has saturated into the base. The wax must be completely cooled before scraping (we recommend to wait at least 2 hours). Scrap the wax and then brush with a finishing horsehair brush (012010).

On new skis, it is important to clean and and the base. We recommend waxing several times using parafin R021 (229100) and to scrap while the wax is still warm, this will clean the base. Then wax 3 or 4 times with parafin R 021 and then with a hard base wax such as (Green Slalom or Carving Base).

Let it cool for several hours and scrap. This will saturate the base and make it harder and more resistant to base damage on hard and abrasive snow. Do these 4 waxing steps (3 R 021, 1 Base) again 3 or 4 times.



THE STRUCTURE

The structure matters most when the ski is gliding. We observed that recently more and more ski manufacturers are supplying skis marked with an intermediate structure. Similair to waxes, snow conditions correspond with different structures. Liqueur brandy (fine or thin structures) work well in cold snow. In warmar/wetter snow conditions more agressive grinds are preferred. In the technical events more tilted grinds allow the skis to move freely and make for better turning performance. It is important to work in new grinds by skiing and waxing regularly (R021+Base) and brushing as often as possible. These actions will reduce the porosity of the polyethylene.







### <u>UNIVERSAL</u>

Universal waxes have a wide temperature range and is designed for everyday usage. The wax works best for air temperature from  $8^{\circ}$ C to  $20^{\circ}$ C.

#### <u>SPEED</u>

Speed waxes are for everyday use on speed skis for the following respective air temperatures. Blue:-25°C in 12°C Red:-14°C in 4°C Yellow:-6°C in +20°C The Speed waxes are used for training and to take of the skis.

# RACING / PRO

The ranges of Racing and Pro waxes similarly correspond in three main colors the use depending on air tempature and snow conditions. The wax Racing is a wax for race of very good quality adapted for the regional and national races. It can also be apply for high-level races replacing the fluoro waxes on very dry snows hygrometry. The wax Pro is the wax for races with fluor to obtain perfect glide.

223102 Yellow Hygrometry Vola Racing / Pro 100% 75% 50% 25% 0% -15°C 5°F -20°C -30°C -25°C -10°C -5°C -6°C -4°C 14°F 17°F 21°F 25°F 0°C Snot 32°F temperative **VOLA Racing** 37, avenue de Saint Martin, B.P. 52, 74190 Passy, France Phone: +33 (0)4 50 47 57 20 Fax: +33 (0)4 50 78 11 91 Email : vola@vola.fr Web site : www.vola.fr Page 8





Ref 222000



Ref 221100 Blue 221101 Red 221102 Yellow



Ref 223100 Blue 223101 Red 223102 Yellov

#### Technical manual

# LES FARTS LIQUIDES

The liquid wax is very easy to use and can be applied very quickly. It is easy to apply the liquid wax using a cloth. Wait between five and ten minutes once the wax has been applied to let the liquid dry. The liquid wax will also soak in deeper to the base of the ski.

Before the application of the liquid wax it is important to maintain it at 20°C so that it remains very visscus allowing it to soak deeply into the ski.

The use of nylon brush can help highlight the structures of the base before the application of the liquid.

Nevertheless, we disadvised to use only the liquid waxes because it would dry the base. Always use a solid wax between two waxing with liquid waxes.

A liquid wax improve the glide faster than a solid wax.

The liquid waxes are made in two categories like the PRO solid waxes :

- High Fluor (HF) for the snow with an hygrometry higher than 45 %.

- Low Fluor (LF) for the snow with an hygrometry lower than 45%.

# THE GRAPHITE WAXES

The graphite products have to be used on graphit bases only. It is recommended to use these waxes every 7 to 10 times you wax your skis.

The Graphite range presents the BRS which is a wax intended for speed events. This wax contains a silicone additve which is very effective on warm or wet snow.

The VRB Graphite is used for the speed events. It is particularly efficient on cold and dry snow.





Ref 224700 Blue 224701 Red 224702 Yellow



Ref 224704 Red 224705 Yellow



Ref 224109 Blue 224110 Red 224111 Yellow







Ref 224101 VRB

Ref 224102 BRS

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Base	SLA Cold Pro Green Stalom Standard Racing Liquid	LOM Warm Pro Base EDS	Very cold Pro Base VRB	GS Cold Pro Base VSR	Warm Pro Base VSR LF	Very cold Pro Base VRB	SPEED EVEN Cold Pro Base Carving	Warm Pro Base Carving L
	Cold	LOM Warm	Very cold	GS Cold	Warm	Very cold	Cold	Warm
		LOM	_	GS				1
Old	er than 14	temperat Pro Carv Possibilit years old Speed ra Pro Grap Respecti	ing LF rang y to add liq	ge for nati uid waxes tect the sl ard to pro ing advise	onal and ir s in the sta tis and for tect the sk es which fo	nternationa rting area the trainin is. ollow.	al races.	
		Pro Grap	inge to prot hite Standa	ard to pro	tect the sk	is.		
For	m 12 to 14	•		toot the al	in and for	the trainin	~	
		snow te	emperature					
	<b>,</b>	old : Speed r	ange (blue	- red - ye	llow) acco	rding to th	e	

# Gold advise:

- Well sharpened edges allow a more precise and more pleasant practice.

- The more you wax your skis or your snowboard, the more they will go fast.

- Skis and snowboard prepared regularly owed longer.



# VOLA

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