

PADEL COLLECTION

2017 / 2018



ROSSIGNOL



ARTÉS

Rossignol's factory in Artes, Spain, founded in 1971, is an ultra-modern production facility that manufactures a significant portion of the alpine skis for the company, as well as all of Rossignol's high-end Nordic skis.

The industrial synergies and our expertise have allowed us to develop a high-quality production series technical padel collection. Over 90% of the materials used in skis are the same as those used in padel racquets. With a similar production process, materials, and a factory in Spain, it was more than logical for Rossignol to enter the sport and make the Spanish market a priority. Since our factory is located in Artes, Spain, we will also offer a different business model.

We offer incredibly short lead times, and possess the ability to produce and reproduce almost on demand. This allows us to adapt production to market demand, avoiding surplus inventory for both our partners and ourselves.

Rossignol is equally convinced of its capacity to bring high-quality products with new technologies to the market, enhancing the thrill, fun, and enjoyment for players in this ever-growing sport.

Rossignol marks its entry to the world of padel with several new patents, offering a range through our innovative FIT Concept, which will allow each and every player to find a racquet that best fits their way of playing.

The iconic winter sports brand also manufactured tennis racquets from 1977 through 2004, with a strong presence at the highest level of play, equipping such amazing athletes as Matts Wilander. This heritage adds to the legitimacy of Rossignol entering a sport so similar to tennis.



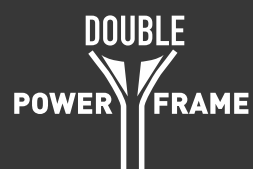
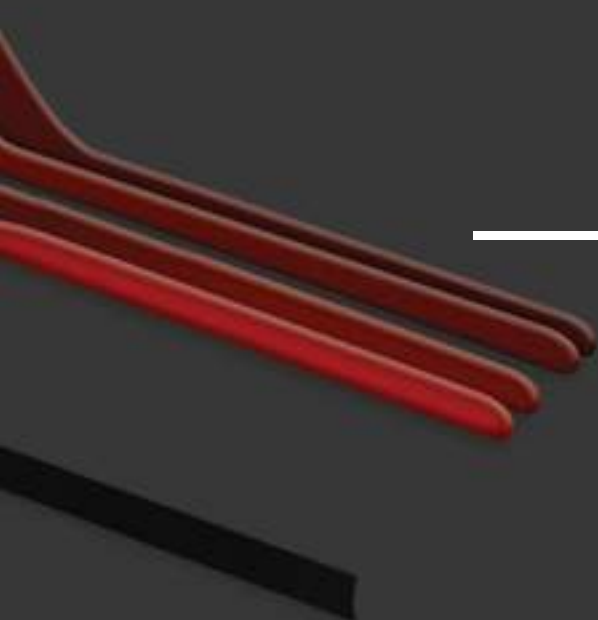


EXTRA LONG LIFE
GRAPHICS & RESISTANCE

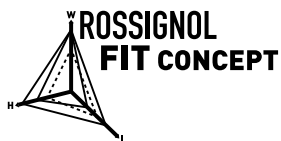


«EXTENDED»
SWEET POINT





OUR TECHNOLOGIES



The Rossignol Fit Concept allows us to build racquets for every player based on a fine balance of 3 criteria:

weight, surface hardness, and racquet inertia. Multiple machines at our Artes Factory allow us to precisely measure all three. Using the Rossignol Fit Concept, we have designed racquets for each segment of the market. Through the Rossignol Fit Concept, our high-end racquets will cater to your strengths, and our entry-level racquets will amplify your touch.

Weight

Calibrating racquet weight is fundamental and precision in this parameter is essential. At Rossignol, our production process guarantees that we verify the weight of each racquet. It is also necessary to understand that while weight is important, it is not the only factor that influences racquet performance. The lighter or heavier feel of a racquet, the ease with which a racquet handles, and the power felt when hitting the ball, also derives from the distribution of mass within the racquet itself. Depending on how mass is distributed, whether closer to or further away from the grip, the racquet will have a different inertia or swing weight. Due to this, at Rossignol we measure both the inertia (swing weight) and weight of each racquet.

Inertia

When discussing inertia, or swing weight, the game becomes much more interesting. Inertia is the resistance of any physical object to any change in its state of motion. In the case of a padel, it is the angular momentum that will determine how difficult it will be for our wrist to change the racquet's trajectory. In fact, changing a racquet's swing weight can completely transform a racquet of the exact same weight from an easy-handling, easy-to-control defensive tool into a demanding and powerful point-scoring weapon for an attack-style player. Experience demonstrates that the more inertia a racquet has, the more demanding it will be. At Rossignol, we are capable of measuring and adjusting the swing weight from one racquet to another with extremely high precision.

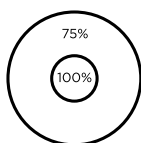
Hardness

When discussing a racquet's hardness, we are essentially referring to the deformation of the racquet's playing surface. For Rossignol, hardness relates to the force needed to deform the racquet surface 10mm from its standard position. A hard racket means shorter control time, but quicker reaction time where the ball will rebound faster. For a higher level pro player with a well-honed precise swing, it is generally better to have a harder impact surface. A softer impact surface means the ball spends more time in contact with the racquet. The surface envelops the ball, which leads to greater control of the ball's trajectory. At Rossignol, we are capable of measuring and adjusting hardness from one racquet to another with extremely high precision.

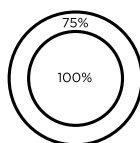
Touch

EXTENDED SWEET POINT

We have a patent on our Extended Sweet Point technology based on a foam perimeter protection that provides physical precision at the point where the foam stops and the structural frame begins. This allows us to push the foam much further than other manufacturers and repeat this operation with 100% accuracy from one racquet to another during mass production. This also guarantees the best possible rebound across the entire hitting surface of the racquet, making our racquets easy, powerful, and precise at all levels and all situations in the game.



Traditional padel racquet optimal hitting surface



Rossignol padel racquet optimal hitting surface

At Rossignol we have worked on the interaction of the ball with the surface of the racquet in order to give an answer to all and every level of game. This work has made us develop different ways to construct the surface of the racquet (also called racquet skin) in order to obtain different answers depending of the construction that is used.



The **Rossignol Pro Touch** offers the touch required at competition level, an strong and dry touch, fine tuned for the sport's most demanding players. This gives them an extremely precise and responsive racquets to generate maximum power when playing at the highest level of the game.

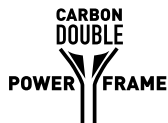
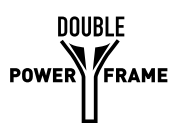


The **Rossignol Touch** develops a special touch on the hitting surface that builds the Rossignol's Fit Concept technology. This special touch depends of course of the construction of the entire racquet, but the final performance-enhancing Rossignol Touch is obtained with a mix of different types of materials we use in our skins. This combination of materials allows us to control the final touch and time the ball stays in contact with the racquet to offer a superior feel to any level of player. Then, of course, there is the sound of the ball as it hits your racquet, an essential part of the game. Like our head engineer says, closing the door of a luxury car is not the same as closing the door of an economy car; one maximizes enjoyment, trust, and all the fun!



The **Soft Touch** is in relation with the fine-tuning of the weight, hardness and inertia of the racquets in addition to the foam density. The ones with the soft touch label are easy working rackets that privilege especially comfort and control in the play with the purpose of amplifying your touch and increase of fun. This is the favorite touch of all the non-expert players.

Structural Construction



The Double Power Frame is another patent used in Rossignol padel racquet design that guarantees the best and easiest possible power transmission from the grip to the racquet's hitting surface. The Double Power Frame also makes our racquets more durable and consistent during the manufacturing process to ensure that you enjoy playing as long as possible.



We apply one of our patented ski technologies to the surface of our padel racquets. For the mountains and on snow, we design our products with extremely durable materials and technologies. At the Artes Factory, with the consumer benefit always in mind, we have been able to use the same materials for padel racquets. Applying this technology translates to long-lasting graphics as well as incredible durability for your Rossignol padel racquet.



The reversed arch is a trademark of Rossignol's tennis racket from the 1980s. We brought this successful technology back to life for our padel racquets. It makes each racquet's Extended Sweet Spot even more consistent.



Weight is one of the 3 pillars of the Rossignol Fit Concept. Due to this, we have developed racquets with different weights according to the range and so that each racquet will answer the demands of the different players. You will find in our women range racquets with less weight and inertia that will adapt better to the women consumer morphology.

Surface Construction



Carbon construction refers to the carbon frame and hitting surface on our high-end men's and women's racquets. Carbon increases power transmission, rebound, and precision when you play. These racquets offer maximum power generation to take your game to the highest level.



The mixed carbon and fiberglass construction creates high-performance racquets that have a unique ability to stay with a player as they continuously improve to the highest level of play. This construction offers guaranteed control, amplifies your touch, and responds to your moves as play increases in speed and power.



Fiberglass construction offers the advantage of increasing your racquet's versatility. Fiberglass has the ability to generate power while amplifying your touch at the same time. These racquets offer a high level of performance but are easier to handle and to play with at every level.



Rossignol's high-end men's and women's racquets use black EVA foam to guarantee and maintain the same performance characteristics as long as possible.



We use different densities of EVA foam in our racquets. Those racquets with soft-touch EVA are designed with a lower Hardness index to increase control and make the racquet easier to handle.



We use different densities of EVA foam in our racquets. Those racquets with hard-touch EVA are designed to increase power and make the racquet faster responding to the ball.



After studying several options and taking advantage of Rossignol's patented Extended Sweet Spot, we designed a well-balanced and hole geometry to maximize performance and offer the best possible playing ability on all of our racquets.

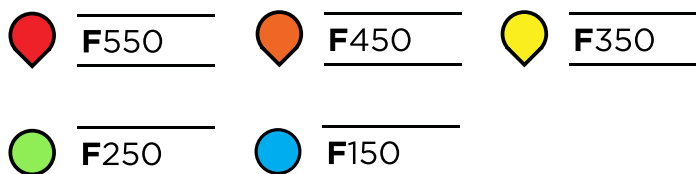
Vibration Absorbing System











The Rossignol Vibration Absorption System, VAS, is widely known throughout our line of skis. It just so happens that for padel racquets, like on skis, it is important to dampen vibrations as much as possible for optimal feel and performance during play to enjoy the game from start to finish. Nevertheless, for padel racquets there is also a health component that we take very seriously to keep your wrist, elbow, shoulder, and entire arm in good shape over the long run by limiting vibrations as much as possible.



MEN RACQUETS



GAME	ADVANCED	PRO	
			ATTACK
			POLYVALENT
			CONTROL

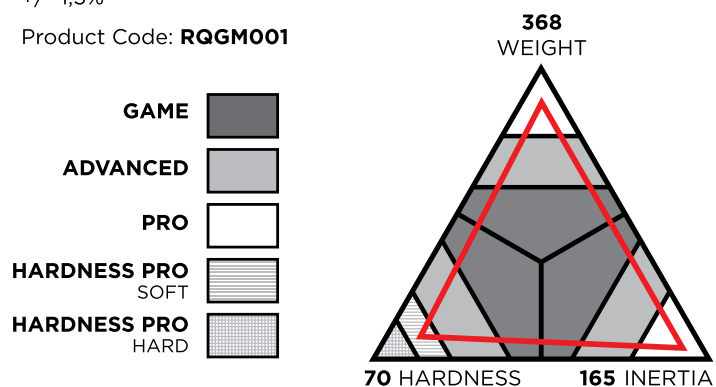


This racket is a powerful, pro level, point-scoring machine made for players who like to attack and hit the ball hard. The Pro Touch on the Rossignol F550 padel racquet envelops the ball, amplifying the intensity of your swing. This racquet benefits from all of our high-end technologies and is designed to generate power.

FOAM	Soft
CONSTRUCTION	Carbon
DOUBLE POWER FRAME	Carbon Construction
WEIGHT (g)	368
INERTIA (Kg.cm ²)	165
HARDNESS (Kg per 10 mm Surface deformation)	70

+/- 1,5%

Product Code: **RQGM001**



ROSSIGNOL



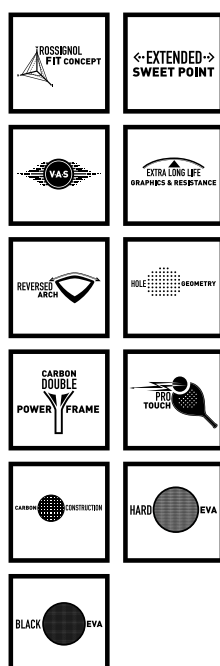
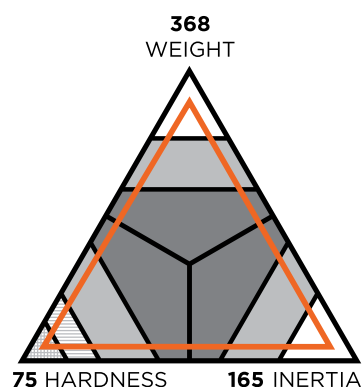
The F450 is a pro-level racquet who's hard EVA Pro Touch delivers a crisp feel. Combined with greater maneuverability (inertia adjusted for optimal balance and swing), the F450 is a versatile racquet made for the player who likes to be on the attack and the ball to rebound like a rocket. The carbon construction, among other leading technologies, guarantees a high-end performance-oriented racquet designed to amplify the strength of your swing.

FOAM	Hard
CONSTRUCTION	Carbon
DOUBLE POWER FRAME	Carbon Construction
WEIGHT (g)	368
INERTIA (Kg.cm ²)	165
HARDNESS (Kg per 10 mm Surface deformation)	75

+/- 1,5%

Product Code: **RQGM002**

GAME	
ADVANCED	
PRO	
HARDNESS PRO SOFT	
HARDNESS PRO HARD	



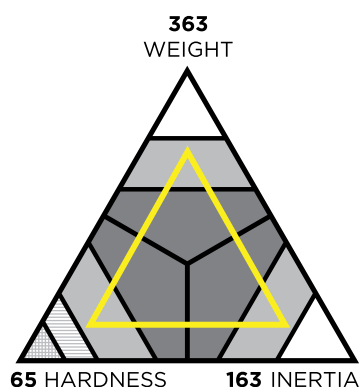
The F350 racquet remains an extremely high-end racquet for demanding advanced players, designed with all of Rossignol's leading technologies, yet is easier to handle during play. Extremely versatile, this racquet combines power with precise reliable control in any situation as you progress through the ranks. Armed with the F350 and the Rossignol Touch, you will no doubt be an even better player!

FOAM	Soft
CONSTRUCTION	Carbon / Fiber Glass
DOUBLE POWER FRAME	Carbon Construction
WEIGHT (g)	363
INERTIA (Kg.cm ²)	163
HARDNESS (Kg per 10 mm Surface deformation)	65

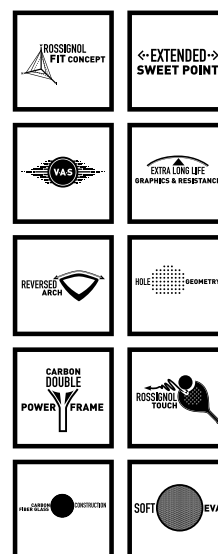
+/- 1,5%

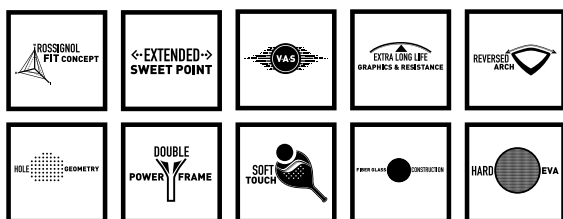
Product Code: **RQGM003**

GAME	
ADVANCED	
PRO	
HARDNESS PRO SOFT	
HARDNESS PRO HARD	



F350





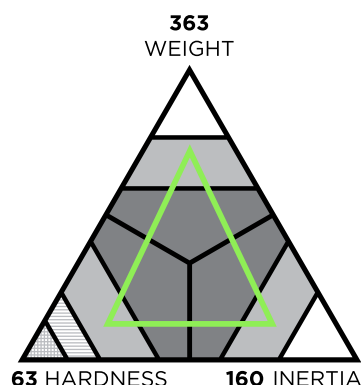
The F250 racquet is for those who want to enjoy the game, seek maximum control, and are still looking for performance on days when they feel strong. It amplifies your swing when the game is on the line. This racquet offers the perfect balance between performance and ease of use, and with our Soft Touch technology you will enjoy each and every shot.

FOAM	Hard
CONSTRUCTION	Fiber Glass
DOUBLE POWER FRAME	Fiber Glass Construction
WEIGHT (g)	363
INERTIA (Kg.cm ²)	160
HARDNESS (Kg per 10 mm Surface deformation)	63

+/- 1,5%

Product Code: **RQGM004**

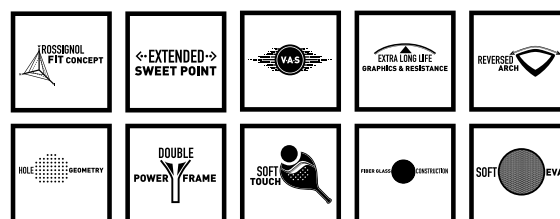
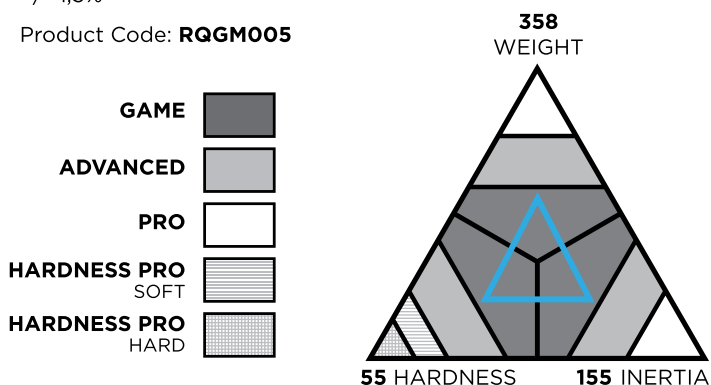
GAME	
ADVANCED	
PRO	
HARDNESS PRO SOFT	
HARDNESS PRO HARD	



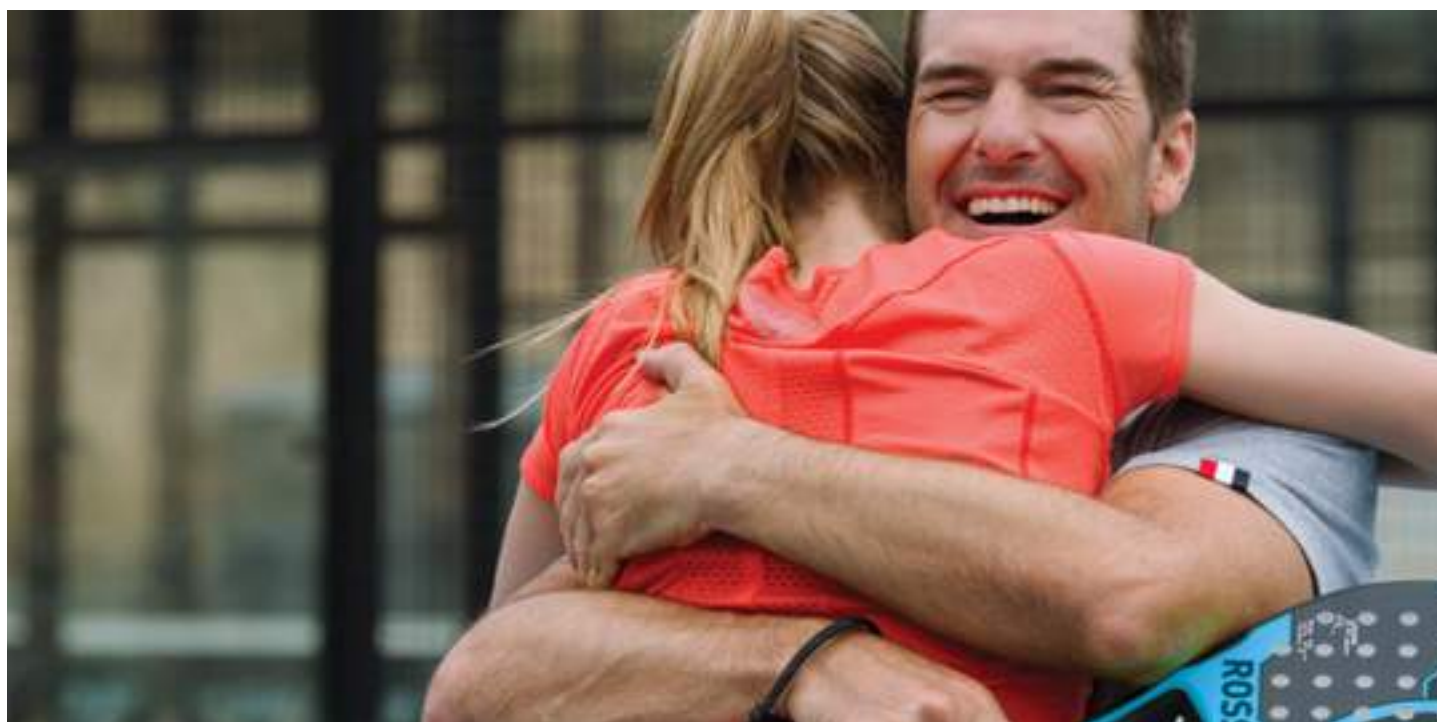
Our F150 racquet includes most of our leading technologies, and is designed for players looking for great feel and ball control while enjoying the game. You will find an easy, lightweight, and comfortable racquet that is simply a pleasure to wield. With our Soft Touch technology, enjoy a great shot every time while the ball makes that reassuring sound as it rebounds off the playing surface. This racquet offers great performance and will naturally amplify your touch as you improve your game.

FOAM	Soft
CONSTRUCTION	Fiber Glass
DOUBLE POWER FRAME	Fiber Glass Construction
WEIGHT (g)	358
INERTIA (Kg.cm ²)	155
HARDNESS (Kg per 10 mm Surface deformation)	55
+/- 1,5%	

Product Code: **RQGM005**



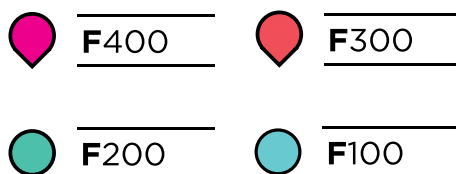
F150







ROSSIGNOL



WOMEN RACQUETS



GAME	ADVANCED	PRO	
			ATTACK
	 		POLYVALENT
			CONTROL

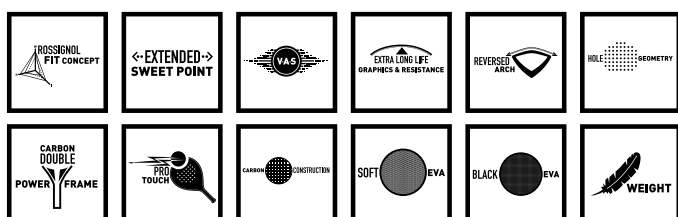
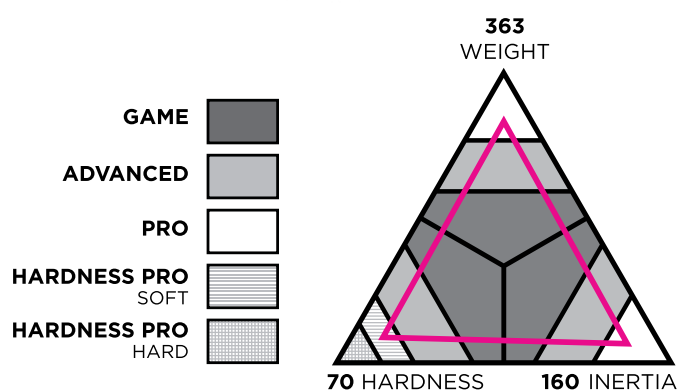


F400

The F400 is a pro racquet designed specifically for women. Its light weight does not compromise on quality. The F400 racquet is made for players on the attack who hit the ball hard, and uses technologies that generate power with every swing. In addition, the F400 is also a great racquet for every experienced player to enjoy.

FOAM	Soft
CONSTRUCTION	Carbon
DOUBLE POWER FRAME	Carbon Construction
WEIGHT (g)	363
INERTIA (Kg.cm ²)	160
HARDNESS (Kg per 10 mm Surface deformation)	70

+/- 1,5%

Product Code: **RQGW001**


The F300 is a fun, high-performance, and versatile racquet that never lets you down, even during high-level, aggressive play. Lightweight and easy to swing, this racquet will keep up with the game's most demanding volleys, generating a whole lot of power and performance when you need it thanks to the Rossignol Touch.

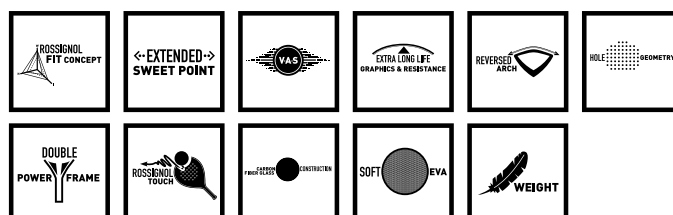
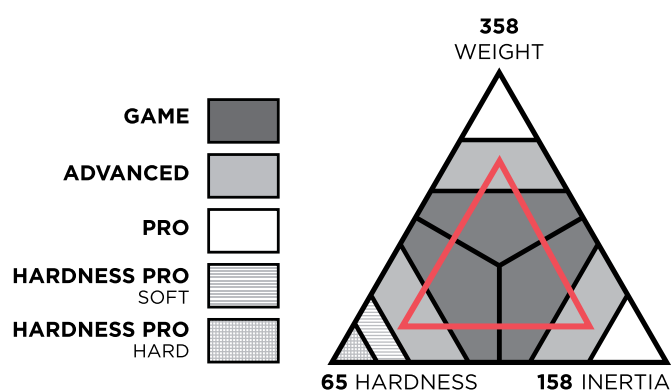
FOAM	Soft
CONSTRUCTION	Carbon / Fiber Glass
DOUBLE POWER FRAME	Fiber Glass Construction
WEIGHT (g)	358
INERTIA (Kg.cm ²)	158
HARDNESS (Kg per 10 mm Surface deformation)	65

+/- 1,5%

Product Code: **RQGW002**

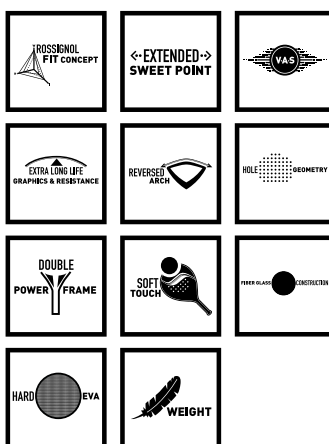
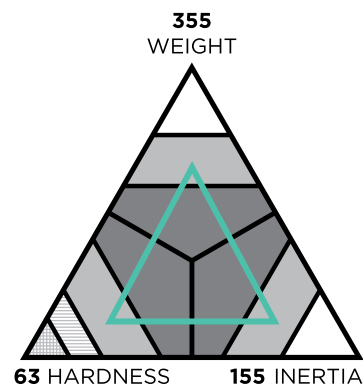


F300





GAME
ADVANCED
PRO
HARDNESS PRO
 SOFT
HARDNESS PRO
 HARD



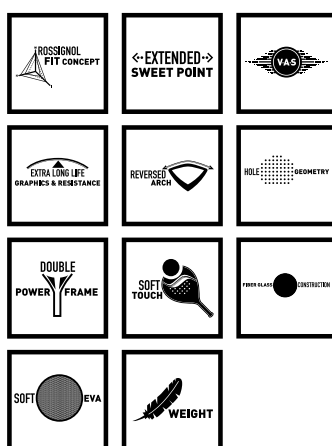
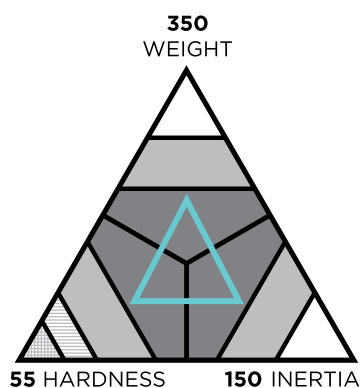
The F200 is a forgiving racquet characterized by its versatility for advanced players who like to take it easy but who need a racquet that can deliver during more aggressive play, when you want to amplify touch and technique. Our Soft Touch technology guarantees that you will play a great game.

FOAM	Hard
CONSTRUCTION	Fiber Glass
DOUBLE POWER FRAME	Fiber Glass Construction
WEIGHT (g)	355
INERTIA (Kg.cm²)	155
HARDNESS (Kg per 10 mm Surface deformation)	63

+/- 1,5%

Product Code: **RQGWO03**





F100

The F100 is a tolerant, lightweight, and playful racquet that allows you to fully enjoy the game. The F100 racquet is designed for players seeking excellent ball control, who want to amplify their touch when needed, and to take their game to the next level. This lightweight racquet is also perfect for kids.

FOAM	Soft
CONSTRUCTION	Fiber Glass
DOUBLE POWER FRAME	Fiber Glass Construction
WEIGHT (g)	350
INERTIA (Kg.cm²)	150
HARDNESS (Kg per 10 mm Surface deformation)	55
+/- 1,5%	

Product Code: **RQGW004**

BAGS AND OVERGRIP BUCKET



The Padel Bag Pro has two compartments for your racquets, including one with a thermo lining to protect your game racquet from temperature changes. The bag offers separate dedicated pouches for your clothes and shoes. Stow your wallet, phone, and other personal items in an additional smaller outside pocket. This bag's intelligently designed shape offers peace of mind as the zippers are hidden from pickpockets when carrying the bag on your back while biking through town or when on the subway.

Product Code: **RQGB001**



**60 high-end overgrips in the same bucket.
100% white.**

Product Code: **RQGA001**





The Pro Bag's little brother, the Game Bag, can be carried like a computer bag over the shoulder or sling-style on your back. The bag includes one racquet compartment, as well as plenty of room for your clothes and shoes. The Game Bag offers the same intelligently designed hidden zippers to keep pickpockets bewildered while carrying the pack on your back.

Product Code: **RQGB002**



ANOTHER**BEST**DAY

www.rossignol.com

SKIS ROSSIGNOL S.A.S.

Société par Actions Simplifiée

Registered Capital 50.000.000€

HQ: 98 rue Louis BARRAN - 38430 ST JEAN DE MOIRANS (France)

Company registration: 056 502 958 RCS Grenoble

Rossignol reserves the right to modify the models
shown in this document without prior notice.

DESIGN

Toni Domènech

PHOTOS

Jordi Bosch, Pau carrillo