

# FIP CERTIFICATIONS APPROVED BALLS

## INTERNATIONAL PADEL FEDERATION

In accordance with the Deed of Incorporation and the Statutes, the International Padel Federation (FIP) is the governing body of padel worldwide.

### A. INTRODUCTION

The Rules of Padel require that every ball used in an official competition complies with the technical specifications.

Following the procedures set out in this document, all tested and approved balls that have met the technical specification must identify the brand and model as belonging to the official list of the International Padel Federation (FIP), certified balls.

The Rules of Padel provide for two types of ball, with different performance characteristics:

- Standard ball
- High altitude ball

Likewise, a better understanding and knowledge of certified products will be of interest to Players, National Associations, Referees, tournament organizers, and as guidance for padel ball manufacturers worldwide.

All tests and measurements must comply with ISO standards and be indicated using the system of units of the Universal System.

The approval procedure for padel balls is introduced to achieve standardization among international manufacturers and their products available on the market.

The International Padel Federation (FIP) initiated the testing procedures for FIP Approval on April 1st, 2017.

Only balls certified and approved by the FIP may be used in FIP Tournaments and/or Competitions that are part of the Official Calendar (including all FIP Championships, PREMIER PADEL, CUPRA FIP TOUR, FIP PROMISES, etc.) and all other competitions recognized by the FIP worldwide.

The process to obtain certification for the padel balls used in our sport has been improved to facilitate companies owning this product in obtaining FIP approval.

The most significant points are as follows:

- Certification may be used to advertise the balls on packaging cans, websites, communications, advertisements, etc.
- The FIP will provide all companies with the FIP APPROVED logos for use for the aforementioned purposes.
- The certification must be renewed every two (2) years, from the date on which the FIP confirms acceptance of the certification.
  - First model of a brand: €6,000 / 2 years
  - Second model of a brand: €4,500 / 2 years
  - Subsequent models of the brand: €2,500 / 2 years
- Payment of the biennial renewal must be made one month before the expiration date of the 2-year certification.

Note: Only for new balls, all laboratory testing costs must be borne by the companies themselves.

All approved padel balls will be listed in the next version of this document and on the official website [www.padelfip.com](http://www.padelfip.com).

As more padel balls are tested and approved, they will be included on [www.padelfip.com](http://www.padelfip.com).

The online version published on the official website is definitive and shall prevail in case of discrepancy with the printed version.

All companies with padel ball brands are invited to submit their application.

If more detailed information on the procedures to obtain FIP approval for padel balls is required, please contact the FIP Secretariat.

## B. THE RULES OF THE GAME OF PADEL

Extract from the articles of the Regulations related to the padel ball.

## THE BALL

The balls used in official competitions are those approved by the FIP for the game of padel.

- The ball must be a rubber sphere with a uniform outer surface in white, yellow, or any other colour that provides an appropriate contrast distinct from the colour of the playing surface.
- Its diameter must measure between 6.35 and 6.77 cm and its weight between 56.0 and 59.4 grams.
- The bounce is understood to be between 135 and 145 cm when dropped onto a hard surface from a height of 2.54 m.
- The ball must have an internal pressure between 4.6 kg and 5.2 kg per 2.54 square cm.

When played at an altitude above 800 m above sea level, another type of ball may be used. These must be identical to the above except for the bounce, which must be greater than 121.92 cm and less than 135 cm.



Appendix to the Official Regulations:

The International Padel Federation shall decide on the question of whether a ball complies with the Rules or whether it is approved for play.

Such decision may be taken on its own initiative or upon request of any party with a bona fide interest therein, including any player, equipment manufacturer, or National Association/Federation or members thereof.

## RULE 17. BALL CHANGE

Championship organizers must announce in advance the following:

- a. The brand and model of the balls;
- b. Number of balls used in each match (2, 3 or 4);
- c. Ball change, if any.

Ball changes, if any, shall be carried out using one of the following alternatives for each match:

1. After an established odd number of games. The warm-up period counts as two games and the “tie-break” as one for the purpose of the ball change.

The change of balls shall not take place at the beginning of a “tie-break”. In this case, the change of balls shall be delayed until the beginning of the second game of the following set.

2. At the beginning of a set.

In cases where ball changes must occur after an established number of games and do not take place, the error shall be corrected when it is the turn of the team that should have served with new balls before the error occurred. Thereafter, the balls shall be changed during the match as originally scheduled.

When a ball is lost, broken, or sufficiently deteriorated and differs from the others, the Referee shall supervise a replacement with a ball in the same condition as those in play. Otherwise, a complete ball replacement shall be carried out. It is mandatory to have at least two balls available to start the point.

NOTE: As established in all FIP Regulations, any ball to be used in an official competition played under the Rules and Regulations of Padel must be included in the official list of FIP Approved Balls issued and published by the International Padel Federation.

**TECHNICAL SPECIFICATIONS OF THE PADEL BALL**

1. The outer covering of the padel ball shall have an unvarying outer core and a hollow inner core composed of rubber. The outer core shall mainly have a smooth surface which may incorporate a seamless fold and shall be manufactured with a combination of multi-textile materials made of cotton, wool, and nylon fibres.
2. The padel ball shall conform to one of the following types:

	<b>STANDARD TYPE (1)</b>	<b>HIGH ALTITUDE TYPE (2)</b>
<b>MASS (WEIGHT)</b>	56,0-59,4 grams	56,0-59,4 grams
<b>SIZE</b>	6,35-6,77 cm	6,35-6,77 cm
<b>REBOUND</b>	135-145 cm	121,92-135 cm
<b>FORWARD DEFORMATION (3)</b>	0,56-0,74 cm	0,56-0,74 cm
<b>RETURN DEFORMATION (3)</b>	0,80-1,08 cm	0,80-1,08 cm
<b>COLOUR</b>	Any	Any

**Notes:**

- a. The Standard padel ball may be pressurized or pressure less. The pressure less ball shall be acclimatized a minimum of 60 days at the altitude of which the specific championship or tournament will be held. The internal pressure shall be no greater than 7 kPa and may be used for high altitude play above 1.219 m above sea level.
  - b. The High Altitude ball type is pressurized and is specified for play in court locations at high altitude of 1.219 m above sea level only.
  - c. No two deformation readings shall differ by more than 0,08 cm on the average of a single reading along each of three perpendicular axes.
1. All ball types specified under paragraph (b) shall conform to durability requirements as described in the following table showing the maximum allowable changes in the specified properties. The durability test apparatus is used to simulate the effects of nine games of play.

	MASS (WEIGHT)	REBOUND	FORWARD DEFORMATION	RETURN DEFORMATION
MAXIMUM CHANGE	0,4 grams	4,0 cm	0,08 cm	0,10 cm

**A. FUTURE DEVELOPMENT TESTING METHODS AND PADEL BALL SPECIFICATIONS**

The International Padel Federation reserves the right to amend and update the information given in this document without prior notice.

**PADEL BALL TESTING**
**A. REGULATIONS FOR THE TESTING OF PADEL BALLS FOR FIP APPROVAL**

The International Padel Federation specifies the properties of the padel balls provide uniformity, and consistency in performance. Special testing facilities and apparatus must be used to accurately measure these properties.

The information for those involved in the testing or evaluation of Padel balls and should be read in conjunction with the specification for a Padel ball, as described in Chapter of the Rules of Game of Padel “The Ball” and “The Padel Ball Technical Specifications”.

### 1. General Aspects

The required test conditions and procedures is something well known by the experienced operators, scientists and laboratory tests managers.

There is not a particular obligation to use a specific method, but the results of tests and declared measurements has to be fully consistent with the required technical specifications and characteristics, and carried out in a controlled atmosphere, with parameters of temperature, relative humidity and atmospheric pressure indicated in the test reports.

It is suggested to measure **Deformation** using a Stevens Machine, but it is not mandatory.

As for **Rebound measurement**, it is suggested to use calibrated scales and digital video camera.

In absence of equipment in the test laboratory to check the **Durability**, simulating the effect of nine games of play, the equipment may be substituted with regular play of nine games and then use the balls for the further test of Mass, Rebound and Deformation.

### 2. Test Procedure

A box of 24 cans must be submitted, (72 balls).

The accredited Test Laboratory selects 24 Padel balls for testing, randomly.

The Padel balls are extracted from the cans and kept in the controlled atmosphere for a minimum of 24 hours, after this period the test will start.

Prior to testing and after visual inspection, each ball should be marked with a letter, number or code.

The corresponding test results are assigned to each marked ball.

### 3. Conditions for FIP Approval

All Padel ball manufacturers that wish their ball product(s) to be considered for inclusion on the official FIP list of Approved Padel balls must submit a sample of their ball product(s) for testing to the accredited laboratory described below. FIP will determine if the sample balls meet all requirements of the rules of Padel before Approval can be granted.

Contact details for FIP Accredited laboratories can be found in Section 4.

Once a ball has been granted as "FIP APPROVAL" it can consider suitable for use in tournaments played according to the Rules of Padel. FIP approval is based on the current Regulation of the Padel Game and therefore FIP Approval does not imply any other form of approval.

FIP and its Technical Commission reserve the right to withdraw FIP Approval from any Padel ball brand(s) at any time if it finds that balls are not in keeping with the sample(s) submitted for approval or that such balls are not able to meet the specifications in the Rules of Padel, or if the approved balls otherwise fail to meet a reasonable quality standard.

## B. FIP APPROVED PADEL BALLS

FIP has approved the following balls.

All balls approved are **STANDARD** and can be pressurized or not pressurized balls. In the second case, the balls are filled with a micro-cellular material designed to simulate the effect of an increased internal pressure of a pressurized ball.

Balls approved by FIP after the publication of this notice are listed on the FIP website [www.padelfip.com](http://www.padelfip.com).

Nº	Marca	Modelo	Fecha de alta	Fecha renovación	Fecha de caducidad
1	All For Padel (Adidas)	Speed Rx	10/11/2025	10/09/2027	10/11/2027
2	Babolat	Padel Court	28/02/2025	28/01/2027	28/02/2027
3		Padel Ace	28/02/2025	28/01/2027	28/02/2027
4	Bullpadel	Next Pro	27/01/2025	27/12/2026	27/01/2027
5		Next	27/01/2025	27/12/2026	27/01/2027
6	Decathlon	Kuikma C	23/06/2025	23/05/2027	23/06/2027
7		Kuikma S	23/06/2025	23/05/2027	23/06/2027
8	Drop Shot S.L.	Dropshop Tournament	28/03/2024	28/02/2026	28/02/2026
9	Dunlop	Dunlop Pro Padel	06/02/2025	06/12/2026	06/02/2027
10		Dunlop Fort Padel	06/02/2025	06/12/2026	06/02/2027
11	Four Sports	Four Padel	20/08/2025	20/06/2027	20/08/2027
12	Head	Padel Pro	25/02/2025	25/12/2026	25/02/2027
13		Padel Pro S	25/02/2025	25/02/2026	25/02/2027
		Padel One	29/05/2025	29/03/2025	29/05/2027
14	Macron S.p. A.	Macron CC Premium M-Prime	20/06/2024	20/05/2026	20/06/2026
15	Nassau	Nassau Padel	14/01/2025	14/12/2026	14/01/2027
16	Nox Padel	Nerbo Speed Ball	10/02/2025	10/01/2027	10/02/2027
17	Palbea	Palbea Pro Padel	24/09/2025	24/07/2027	24/09/2027
18	Prokennex	Globo Padel Ball	20/08/2025	20/07/2027	20/08/2027
19	Renewaball	Renewaball Padel	24/09/2025	24/07/2027	24/09/2027
		Padel Natural	21/10/2025	21/08/2027	21/12/2027
21	SIUX Brands World SL	Siux Neo	06/09/2024	06/08/2026	06/09/2026
22		Siux Neo Speed	6/09/2024	06/08/2026	06/09/2026
23	Slazenger	Slazenger Padel n°1	17/02/2025	17/12/2026	17/02/2027
24	Swish Padel	Swish Padel Tempo	07/10/2024	07/09/2026	07/10/2026
25	Tecnifibre	Padel Tour	08/09/2024	08/08/2026	08/09/2026
26	Victoria Sport LLC	Victoria Ball	01/04/2024	01/03/2026	01/04/2026
27	Wilson	Padel X3	04/04/2025	04/02/2027	04/04/2027
28		Premier Padel	20/02/2026	20/12/2027	20/02/2028
29		Premier PadelSpeed	20/02/2026	20/12/2027	20/02/2028

30	Unipadel	Padel Pro S	02/12/2025	02/10/2027	02/12/2027
31	AIFA	Yalla Ball	03/12/2025	03/10/2027	03/12/2027
32	Crivit	Crivit Padel	09/01/2026	09/11/2027	09/01/2028
33	Franklin Sports	Duracore	12/02/2026	12/12/2027	12/02/2028
34	Raquex	Elite Padel	20/02/2026	20/12/2027	20/02/2028

#### A. FIP ACCREDITED LABORATORIES

Test samples of Padel balls may be refused by the FIP accredited laboratory if they are damaged or in poor condition.

Tests shall be conducted in accordance with well-established test methods as described in the test report document.

FIP Accredited laboratory shall submit a test and the brands send the report to FIP for review after completion of the test and receipt of the testing fee payment.

Test reports should be received by FIP within one month of the test date. Once approved by FIP, Accredited laboratory shall send the report to the manufacturer.

#### LABOSPORT

Technoparc du circuit des 24 Heures  
 Chemin aux Bœufs  
 72100 Le Mans  
 France  
 Responsible: Steeve BAZEILLE

#### RINA Consulting - Centro Sviluppo Materiali (RINA)

Via di Castel Romano, 100  
 00128 Roma  
 Italy  
 Responsible: Eng. Egidio Zanin

#### Instituto de Biomecánica de Valencia (IBV)

Universidad Politécnica de Valencia  
 Edificio 9C  
 Camino de Vera s/n  
 E-46022 Valencia  
 Spain  
 Responsible: Ms. Laura MAGRANER

