

POLANIK  
Poland, Życzliwa 11  
97-300 Piotrków Trybunalski

tel. +48 44 646 44 81  
tel. +48 44 648 50 89  
fax +48 44 646 43 58

e-mail: [info@polanik.com](mailto:info@polanik.com)  
[www.polanik.com](http://www.polanik.com)



## Technical specification Competition javelins

### Air Flyer

**500g**

**600g**

**700g**

**800g**



File: 2015-12-15  
PRODUCT SUPPORT  
Paweł Ciechanowski  
[p.ciechanowski@polanik.com](mailto:p.ciechanowski@polanik.com)

### Warning!

The sports equipment produced by Polanik is designed for athletics training and use in sports competitions only. Please pay special attention especially when using throwing implements and other throwing equipment, misuse of athletics equipment and implements can cause serious injury. In no event shall Polanik be liable for any special, incidental, indirect or consequential damages in connection with the purchase or use of POLANIK products or costs over the original cost of the product. Concerning our permanent efforts to improve our products i.e. their quality and aesthetic values, we reserve the right to introduce, without prior notice, constructional changes as well as other modifications in standard colours of the equipment and implements.

### I. General description and use

Javelins are designed for athletics competition event - javelin throw, and for training of javelin throw. Competitions and training of javelin throw should be conducted on grass surfaces or similar fields.

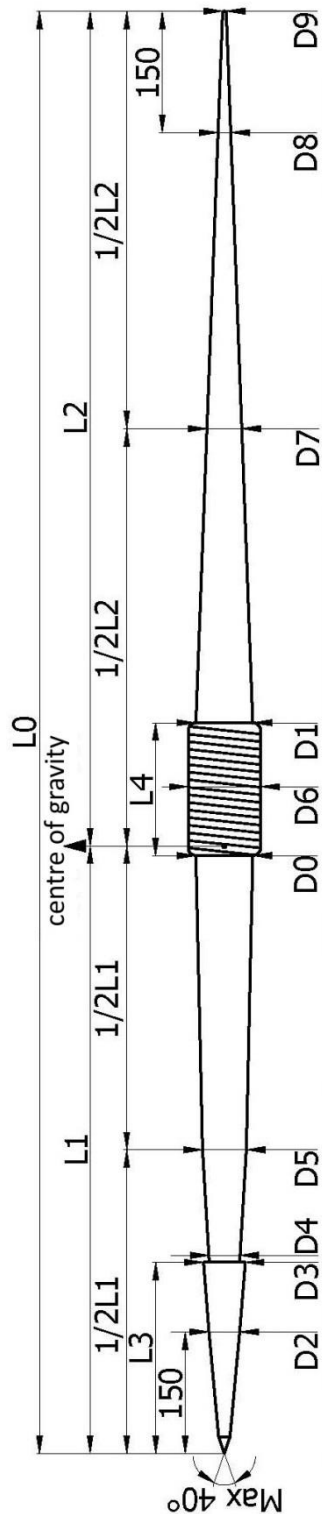
### II. Technical characteristics

Code	AF11-500	AF10-600	AF10-700	AF10-800
Description	competition javelin Air Flyer 500g	competition javelin Air Flyer 600g	competition javelin Air Flyer 700g	competition javelin Air Flyer 800g
IAAF certificate	I-11-0537	I-11-0500	I-11-0538	I-11-0503
Theoretical range [m]	50	60	65	70
Shank	duraluminium of modified chemical constitution, powder painted, blue transparent	duraluminium of modified chemical constitution, powder painted, blue transparent	duraluminium of modified chemical constitution, powder painted, blue transparent	duraluminium of modified chemical constitution, powder painted, blue transparent
Grip	cotton with synthetic core	cotton with synthetic core	cotton with synthetic core	cotton with synthetic core
Head	steel galvanized	steel galvanized	steel galvanized	steel galvanized
Nominal weight [g]	500	600	700	800
Weight allowance [g]	od +5 do +25	od +5 do +25	od +5 do +25	od +5 do +25





The competition javelins Air Flyer 500g-800g are produced according to the following dimensions.



	800g		700g		600g		500g	
	Max	Min	Max	Min	Max	Min	Max	Min
D0	30	25	28	23	25	20	24	20
D1	-	D0-0.25	-	D0-0.25	-	D0-0.25	-	D0-0.25
D2	0.8D0	-	0.8D0	-	0.8D0	-	0.8D0	-
D3	-	-	-	-	-	-	-	-
D4	-	D3-2.5	-	D3-2.5	-	D3-2.5	-	D3-2.5
D5	0.9D0	-	0.9D0	-	0.9D0	-	0.9D0	-
D6	D0+8	-	D0+8	-	D0+8	-	D0+8	-
D7	-	0.9D0	-	0.9D0	-	0.9D0	-	0.9D0
D8	-	0.4D0	-	0.4D0	-	0.4D0	-	0.4D0
D9	-	3.5	-	3.5	-	3.5	-	3.5

	800g		700g		600g		500g	
	Max	Min	Max	Min	Max	Min	Max	Min
L0	2700	2600	2400	2300	2300	2200	2100	2000
L1	1060	900	1000	860	920	800	880	780
1/2L1	530	450	500	430	460	400	440	390
L2	1800	1540	1540	1300	1500	1280	1320	1120
1/2L2	900	770	770	650	750	640	660	560
L3	330	250	330	250	330	250	270	220
L4	160	150	160	150	150	140	145	135

### III. Packing

The javelins are packed in foil bags and carton boxes, or tubes (depending on the quantity).

### IV. Specific warranty terms

- 1) The use of the throwing implements is to be done at the properly marked and secured sports facilities designed for that purpose and under supervision of qualified coaches, and according to: the rules of the International Association of Athletics Federations (IAAF), respective national athletics federation and local safety regulations. Failure to follow the above restrictions results in loss of the warranty rights.
- 2) The javelins are athletics throwing implements designed for the athletics competition event – javelin throw. The mechanical damages of the javelins (scratches, dents and so on) caused by landing on the throwing sector are recognized as a normal wear of the product and are excluded from the warranty.

## V. IAAF Certificates

International Association of Athletics Federations



# Product Certificate

*The IAAF is pleased to certify hereby that the following product:*

**Product's Trade Name:**  
Javelin, Competition Air Flyer 500g

**Description, Colour / Absolute Thickness:**  
Aluminium, red cord, Transparent blue

**Company Name, Country:**  
Polanik Sp. z o. o. - Sp. K., POL

**Catalogue Number:**  
AF11-500

**IAAF Certification Number:**  
I-11-0537

meets the dimensional requirements for use in all international athletics competitions.

It is for the purchaser to determine the item's fitness for the purpose based on his knowledge of the local conditions and use.

**Valid from:**  
1 October 2015

**Until the last day of:**  
October 2019

This certificate is issued in accordance with the terms and conditions of the IAAF Certification System of track and field facilities, implements and competition equipment.



**SEBASTIAN COE**  
IAAF President



**JORGE SALCEDO**  
IAAF Technical Committee Chairman



International Association of Athletics Federations



## Product Certificate

*The IAAF is pleased to certify hereby  
that the following product:*

**Product's Trade Name:** Javelin, Competition Air Flyer 600g

**Description, Colour / Absolute Thickness:** Aluminium/red cord, Transparent blue

**Company Name, Country:** Polanik Sp. z o. o. - Sp. K., POL

**Catalogue Number:** AF10-600

**IAAF Certification Number:** I-11-0500

meets the dimensional requirements for use in all international athletics competitions.

It is for the purchaser to determine the item's fitness for the purpose based on his knowledge of the local conditions and use.

**Valid from:** 1 April 2015

**Until the last day of:** April 2019

This certificate is issued in accordance with the terms and conditions of the IAAF Certification System of track and field facilities, implements and competition equipment.



**ESSAR GABRIEL**  
IAAF General Secretary



**JORGE SALCEDO**  
IAAF Technical Committee Chairman



International Association of Athletics Federations



## Product Certificate

*The IAAF is pleased to certify hereby  
that the following product:*

**Product's Trade Name:**

Javelin, Competition Air Flyer 700g

**Description, Colour / Absolute Thickness:**

Aluminium, red cord, Transparent blue

**Company Name, Country:**

Polanik Sp. z o. o. - Sp. K., POL

**Catalogue Number:**

AF10-700

**IAAF Certification Number:**

I-11-0538

meets the dimensional requirements for use in all international athletics competitions.

It is for the purchaser to determine the item's fitness for the purpose based on his knowledge of the local conditions and use.

**Valid from:**

1 October 2015

**Until the last day of:**

October 2019

This certificate is issued in accordance with the terms and conditions of the IAAF Certification System of track and field facilities, implements and competition equipment.



SEBASTIAN COE  
IAAF President



JORGE SALCEDO  
IAAF Technical Committee Chairman



International Association of Athletics Federations



## Product Certificate

*The IAAF is pleased to certify hereby  
that the following product:*

**Product's Trade Name:** Javelin, Competition Air Flyer 800g

**Description, Colour / Absolute Thickness:** Aluminium/red cord, Transparent blue

**Company Name, Country:** Polanik Sp. z o. o. - Sp. K., POL

**Catalogue Number:** AF10-800

**IAAF Certification Number:** I-11-0503

meets the dimensional requirements for use in all international athletics competitions.

It is for the purchaser to determine the item's fitness for the purpose based on his knowledge of the local conditions and use.

**Valid from:** 1 April 2015

**Until the last day of:** April 2019

This certificate is issued in accordance with the terms and conditions of the IAAF Certification System of track and field facilities, implements and competition equipment.



**ESSAR GABRIEL**  
IAAF General Secretary



**JORGE SALCEDO**  
IAAF Technical Committee Chairman

