

# .308 Win Ammunition (GPX19)

## GENERAL INFORMATION

.308 Win ammunition produced in the company AB Giraitės ginkluotės gamykla (GGG). Ammunition is designed for hunting. This ammunition produced in accordance with C.I.P (Permanent International Commission for the Proof of Small-arms), ISO 9001:2015 (Quality Management Systems Requirements), ISO 2859-1 (Sampling Procedures and for Inspection by Attributes Part 1: Sampling Plans indexed by Acceptable Quality Level (AQL) for lot-by-lot inspection), ISO 3951 (Sampling Procedures and Charts for Inspection by Variables for Percent Defective) requirements. Ammunition is designed for shooting .308 Win caliber weapons. It is designed for short-term storage and not to used either in or under the extreme climatic conditions.

## TECHNICAL SPECIFICATIONS

### 1. Table. Technical specifications

		<b>Caliber</b>		.308 Win
		<b>Normal description</b>		GPX19
		<b>Bullet</b>	type	SBT
		<b>Bullet weight</b>	gr	180
			g	11,66
		<b>Total length</b>	mm	71,12 -0,76
		<b>Bullet extraction</b>	N	≥ 50
		<b>Bullet material</b>		Jacket – CuZn5; Core – lead antimony (3%)
		<b>Case material</b>		CuZn30
		<b>Case length</b>	mm	51,18 -0,38
		<b>Propellant</b>	type	Double base
		<b>Total weight</b>	g	25,70±1,00
		<b>Primer</b>	type	BOXER

## BALLISTIC PROPERTIES

### 2. Table. Bullet average velocity values, shooting from C.I.P. testing barrel

PARAMETER	BULLET MEAN VELOCITY V <sub>0</sub> , m/s					
	GPX19					
Bullet mean velocity, m/s barrel length 600 mm, twist 11 <sup>6</sup>	780 ± 7					
Velocity maximum standard deviation	7,2					
PARAMETERS	RANGE					
	0	100	200	300	400	500
Velocity (m/s)	780	720	665	615	565	515
Bullet path (cm)	-	0	-19	-60	-127	-225
Energy (J)	3550	3040	2595	2200	1855	1555
Ballistic coefficient	0.506					

## PRODUCT INFORMATION SHEET

	CARTRIDGE .308WIN GPX19			CALIBER: <b>.308 Win</b>	SHEET: 1/3
	DRAWN BY: N.Račiūnienė	CHECKED BY: R.Bendaravičius	DATE: 22/03/2018	<b>308 PIS GPX19</b>	<b>01</b>

## MARKING

Minimum marking of cartridge and its packaging is done in accordance with C.I.P. 3. TESTING OF AMMUNITION requirements:

**- Stamped on the base of cartridge case:**

- Manufacturer's initials
- Caliber

**- Stenciled on the internal carton box:**

- Manufacturer's logo and name
- Quantity of cartridges in the box
- Weight of bullet
- Caliber
- Type of bullet
- Lot number
- CIP Mark
- Bullet velocity, bullet path and energy at 0, 100, 200, 300, 400 and 500 m from barrel mouth. Initial bullet velocity at barrel mouth, recalculated from  $V_{24}$  m/s velocity.
- Ballistic coefficient
- Warnings related to the exploitation and health safety.
- Barcode
- Address of manufacture
- Recycle marks of package

**- Stenciled on the external box:**

- Manufacturer's logo and name
- Caliber and design
- Quantity of inner carton boxes in the outer carton box
- Quantity of cartridges in the inner carton box
- Quantity of cartridges in the outer carton box
- Safety information
- Lot number
- Weight of bullet
- Type of bullet
- Net weight
- Net explosive quantity
- Gross weight
- Volume
- Certification number of the outer box
- Proper shipping name
- Explosive hazard orange mark
- Recycle marks of package
- Address of manufacturer
- UN number
- Serial number label of box

## PACKAGING

Cartridges supplied in either outer carton or metal M2A1 boxes which are palletized. The boxes and pallets should be marked according to the requirements of the customer.

## PRODUCT INFORMATION SHEET

**GGG**

GIRAITĖS GINKLUOTĖS GAMYKLA  
PASSION. PERFORMANCE. PRECISION.

CARTRIDGE .308WIN GPX19

CALIBER:  
**.308 Win**

SHEET:  
2/3

DRAWN BY:  
N.Račiūnienė

CHECKED BY:  
R.Bendaravičius

DATE:  
22/03/2018

**308 PIS GPX19**

**01**


### 3. Table. Cartridges packaging and units

Number of packing option	Variant of packing on pallet	PACKING OPTION	UNITS			
			Quantity of cartridges	Dimension, mm	Net weight, kg	Gross weight, kg
1		Internal colour carton box	20	27x74x139	–	–
		External Metal box M2A1	400	305,6x154,8x190,5	10,6	13,6
	1.1	EUR pallet	22400	1080x1250x520	598,0	794,0
2		Internal carton box	20	43x61x72	–	–
		External Metal box M2A1	640	305,6x154,8x190,5	17,0	20,0
	2.1	EUR pallet	30720	950x1250x520	820,0	989,0
3		Internal colour carton box	20	27x74x139	–	–
		External carton box	400	321x154x183	10,6	11,6
	3.1	EUR pallet	25600	800x1200x900	683,0	771,0
	3.2	Strengthened EUR pallet	28000	1000x1200x810	747,0	879,0
4		Internal carton box	20	43x61x72	–	–
		External carton box	600	321x154x183	16,0	17,0
	4.1	EUR pallet	38400	800x1200x900	1025,0	1117,0
	4.2	Strengthened EUR pallet	42000	1000x1200x810	1121,0	1257,0
5		Internal carton box	20	27x74x139	–	–
		External carton box	1000	290x360x225	26,7	30,3
	5.1	EUR pallet	24000	800x1200x850	640,0	756,0
	5.2	Strengthened EUR pallet	27000	1000x1200x850	720,0	885,0

#### SHIPPING AND STORAGE DATA

Proper shipping name – Cartridges for weapons, inert projectile  
 Hazard classification code – 1.4 S1  
 UN number – 0012

#### PRODUCT INFORMATION SHEET

 GIRAITĖS GINKLUOTĖS GAMYKLA PASSION. PERFORMANCE. PRECISION.	CARTRIDGE .308WIN GPX19			CALIBER: <b>.308 Win</b>	SHEET: 3/3
	DRAWN BY: N.Račiūnienė	CHECKED BY: R.Bendaravičius	DATE: 22/03/2018	<b>308 PIS GPX19</b>   01	