



**X**TREME<sup>®</sup>  
precision  
2011

HIGH PERFORMANCE BB'S  
[www.xtreme-shot.com](http://www.xtreme-shot.com)



## Xtreme Precision® **ONE STEP AHEAD**

Air soft guns technology is continuously evolving increasing air soft guns' shooting performance, but shooting performance increase is just theoretical if the BB's used don't feature Xtreme Precision® dimension, sphericity, hardness and weight values. Today's air soft guns feature impressive rates of fire often over 1200 BB's per minute, tight bore barrels are now an affordable option part chosen by the most to increase shooting accuracy and endless upgrade and custom configurations are readily available, but any upgrade is a non-sense if the BB's shot are not able to transfer all that potential performance to the target. The Xtreme Precision®

BB's are designed and manufactured using cutting edge technology and first-class raw materials and go through a meticulous Quality Control process to ensure that each

and every BB inside one bag features exactly the same size, tolerance and weight as all the other BB's inside the same bag and, at the same time, ensuring that each BB features a performance-increasing perfect and smooth mirror-like polished surface. As performance is nothing without safety the whole range of Xtreme Precision® BB's are certified to comply with EU standards. With a complete range of different colors, weights and package styles available both in Biodegradable and Recyclable versions, the Xtreme Precision® BB's are the one stop solution for non-compromising air soft guns wholesalers, retailers and air soft guns shooters. The Xtreme Precision® BB's are worldwide renowned for their amazing sphericity, tight tolerance and perfect polished surface. Discover why the Xtreme Precision® BB's are the BB's of choice of the most professional war-game players around the globe!



# TABLE OF CONTENTS:



Xtreme Precision®  
High Performance Outdoor  
BIODEGRADABLE BB'S

**P.4**



Xtreme Precision®  
High Performance Indoor  
RECYCLABLE BB'S

**P.10**




**XTREME**<sup>®</sup>  
precision

Xtreme Precision BIO  
BIODEGRADABLE  
in word and deed



\* Actual picture of Xtreme Precision<sup>®</sup> Biodegradable BB's under biodegradation process

# A FEW WORDS ABOUT BIODEGRADATION



There is a lot of confusion among airsoft BB's users about the meaning of the word "biodegradable". Biodegradation is the process by which organic substances are broken down by other living organisms. During this process the Biodegradable material is eaten and digested by bacteria, fungi and algae existing in the natural environment. The Biodegradable plastics are plastics that will decompose in the natural environment by biodegradation. The biodegradation can be measured in a number of ways. The activity of aerobic microbes can be measured by the amount of oxygen they consume or by the amount of carbon dioxide they produce. Biodegradation by anaerobic microbes can be measured by the amount of methane they produce while digesting the biodegradable material. Many air soft BB's users confuse the terms "biodegradable" and "degradable". They are not the same. The Degradable plastic is a plastic designed to undergo a significant change in its chemical structure under specific environmental conditions resulting in a loss of some properties that may vary as measured by standard test methods appropriate to the plastic and the application in a period of time that determines its classification. Most of

the products using the label Degradable plastic, degrade as result of physical and chemical impact (fracture into smaller pieces of plastic). Biological activity is not a significant part of the degradation of these products. In simpler words the BB's made of Degradable material just break in very small particles which spread on the soil, but the bacteria are unable to eat this material even if broken in very small pieces and it will remain in the soil. All Biodegradable plastics are Degradable but not all Degradable Plastics are Biodegradable. The BB's made of Biodegradable material are eaten and digested by the bacteria, fungi and algae in the natural environment.

The word biodegradable in the Airsoft BB's market has always been associated to poor quality, low performance, instability and very high price. We worked around these problems to design the Xtreme Precision® Biodegradable BB's. No more BB's melting in your hands, jamming in your barrel or breaking in the magazines. The Xtreme Precision® Biodegradable BB's feature the same precise size, perfect roundness, balance, smooth and shiny surface that have made the Xtreme Precision® BB's famous worldwide. **5**

# BIODEGRADABLE IN WORD AND DEED



The Xtreme Precision® Biodegradable BB's are basically made of modified corn-starch combined with other biodegradable materials. The corn-starch is modified in order to obtain heat-resistant properties, making this kind of material one of the only bioplastics capable of withstanding high temperatures.

This Biodegradable material is stable in the atmosphere but biodegrade in the natural environment and in general anywhere microorganisms exist. This biodegradable material can run on many existing injection molding lines and is currently used not only for the BB's but for a wide variety of applications in the plastic market and horticulture planters. This type of biodegradable material, being based on corn-starch and others vegetable starch, is derived from a renewable resource. Unlike plastic, this material can also be disposed of through incineration, resulting in non-toxic smoke and in a white residue which can be used as fertilizer.

All Xtreme Precision® BB's are certified by the German test lab TÜV Rheinland to ensure compliance with all EU standards.

# Xtreme Precision® OUTDOOR BIODEGRADABLE BB'S

# 0.20 BIO



- Truly biodegradable ■
- Certified EN71 part 3: ■  
1994-12+A1/09.00+  
AC/07.02
- Certified (EC) ■  
no. 1907/2006,  
Registration, Evaluation,  
Authorization and Restriction  
of Chemicals (REACH)
- Compliant with ASTM ■  
D-6400-99 "Standard  
specifications for  
compostable plastics"
- Stable size ■
- Guaranteed roundness ■
- Not affected by humidity ■
- Maximum accuracy ■
- Xtreme Precision® quality ■
- Mirror-like polished ■
- Size 5,96mm ± 0,005 ■

**Also Available in  
25Kg Maxi Bags**



# 0.23 BIO



- Truly biodegradable
- Certified EN71 part 3: 1994-12+A1/09.00+AC/07.02
- Certified (EC) no. 1907/2006, Registration, Evaluation, Authorization and Restriction of Chemicals (REACH)
- Compliant with ASTM D-6400-99 "Standard specifications for compostable plastics"
- Stable size
- Guaranteed roundness
- Not affected by humidity
- Maximum accuracy
- Xtreme Precision® quality
- Mirror-like polished
- Size 5,96mm ± 0,005

## Xtreme Precision® OUTDOOR BIODEGRADABLE BB'S

**NEW!**  
2011 COYOTE TAN  
TACTICAL COLOR



Also Available in  
25Kg Maxi Bags



# Xtreme Precision® OUTDOOR BIODEGRADABLE BB'S

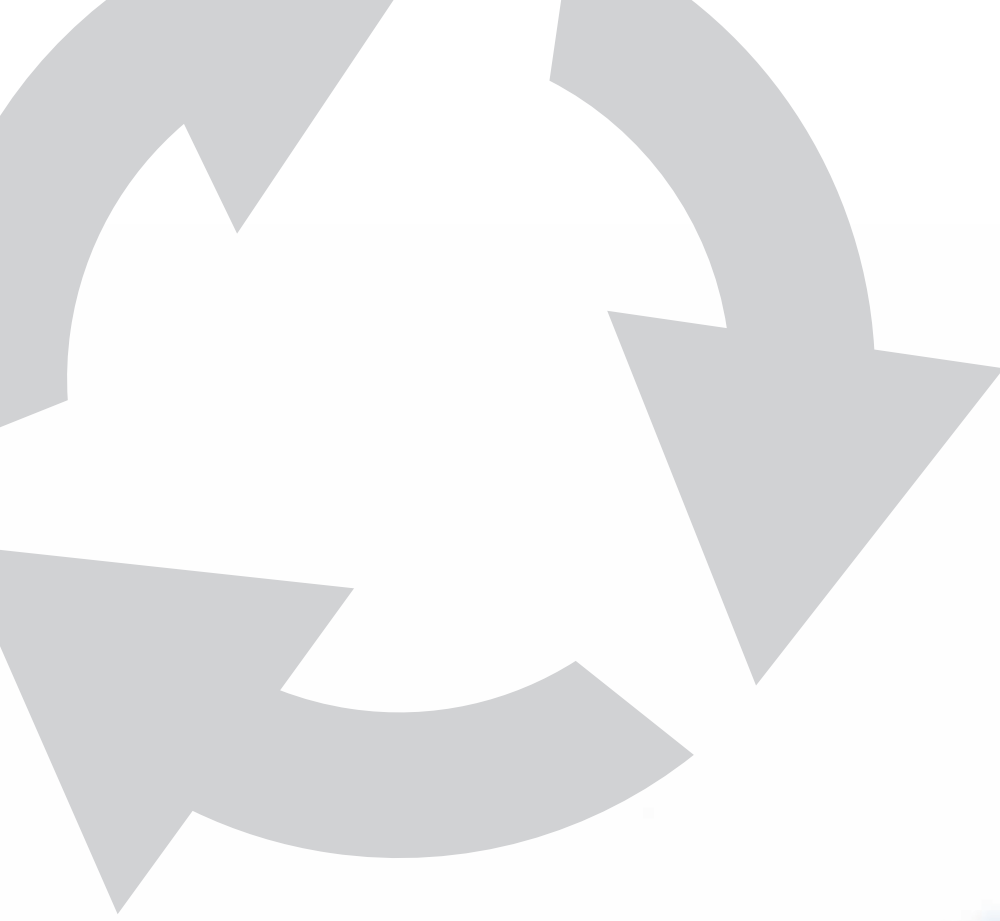
# 0.25 BIO



- Truly biodegradable ■
- Certified EN71 part 3: ■  
1994-12+A1/09.00+  
AC/07.02
- Certified (EC) ■  
no. 1907/2006,  
Registration, Evaluation,  
Authorization and Restriction  
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- Compliant with ASTM ■  
D-6400-99 "Standard  
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- Mirror-like polished ■
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Also Available in  
25Kg Maxi Bags





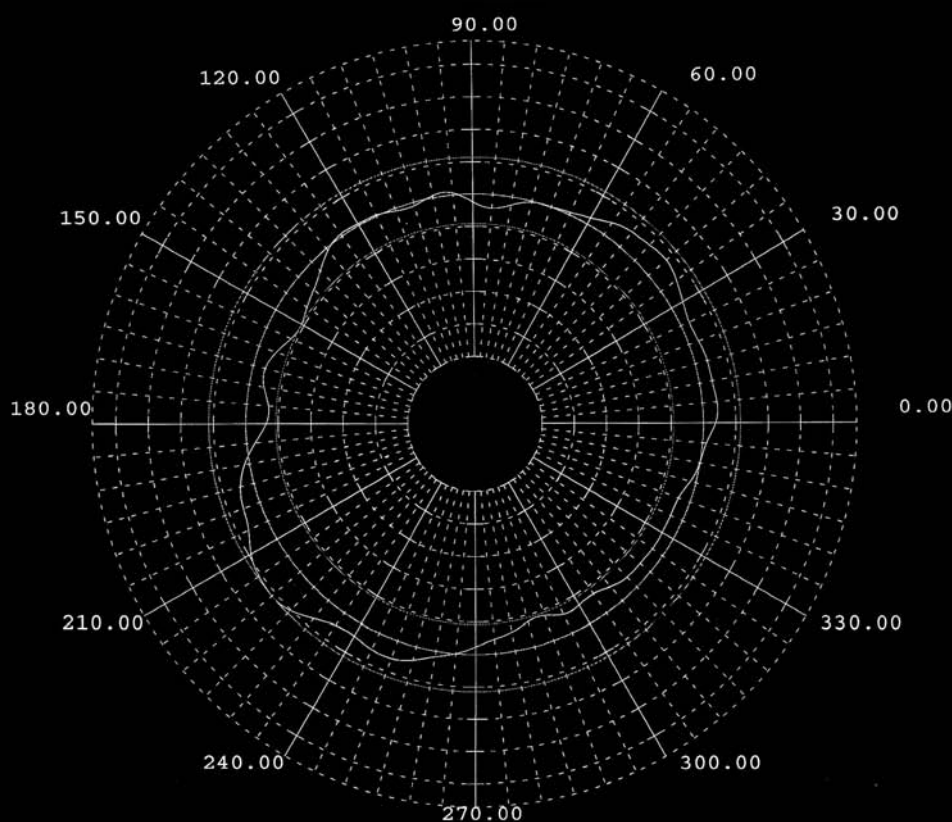
\*Xtreme Precision® BB's diameter is precisely dimensioned to deliver the highest shooting performance.

# INDOOR PRECISION BB'S

For uses where BB's dispersion in the natural environment is not a concern, Xtreme Precision® developed an extensive range of Recyclable BB's. After use, the Xtreme Precision® BB's can be collected and Recycled to make new plastic products, giving the plastic the BB's are made of, a second life cycle and helping reducing the impact of plastic products on our planet. The Xtreme Precision® BB's are made of New, First Class raw materials and fea-

ture unmatched roundness, low tolerance and perfectly polished smooth surface that will optimize the action of the hop-up system and in-barrel acceleration. The dimensions of common commercially available BB's are very variable, they range from 5.88mm (too small) to 5.98mm (too big), also tolerance is usually very variable and may be as high as  $\pm 0.04\text{mm}$ . Dimension and tolerance directly affect the shooting performance and the BB's reliability.

Poor BB's usually have high tolerance in combination with small diameter as most manufacturers, being not able to reduce the tolerance, reduce the diameter to allow the BB's to still go through the barrel. Instead of reducing the diameter, using the most advanced machinery and manufacturing processes, we reduced the tolerance to the smallest possible value allowing the Xtreme Precision® BB's to be correctly sized for the best any-condition shooting experience. Increase of shooting distance, shooting accuracy and no-jam experience can all be achieved by using the Xtreme Precision® BB's, which are correctly dimensioned at 5.96mm, feature an unmatched tolerance of just  $\pm 0.005\text{mm}$  and an amazing average roundness value of  $1.088\mu\text{m}$  measured by laser professional instruments on the 3D BB's surface. The Xtreme Precision® BB's, being literally perfect spheres, will always deliver the best performance, no matter if they are asked to run through standard or super high-tech tight bore barrels.



5.00 ( X 2000 ) [GRADI]

Metodo di calcolo(Condizioni di misura): LSC

	Rotondità	Picco	Valle	Rotondità media	N° picchi	DX	DY
A002	5.162um	2.862um	-2.300um	1.088um	4peak	-6.827um	-2.54

Condizioni di misura

	Velocità tavola	Ingrandimento	Posizione Z	Cutoff		Tipo Filtro
A002	6.0rpm	X1000	0.00mm	P. Basso	15upr	Gaussiano

Three-dimensional scan of Xtreme Precision® BB surface (Magnified 1000 times). The test report shows the astonishing average roundness value of  $1,088\mu\text{m}$

# 0.12g

- Maximum accuracy
- Stable size
- Xtreme Precision® quality
- Guaranteed roundness
- Certified EN71 part 3: 1994-12+A1/09.00+ AC/07.02
- Certified (EC) no. 1907/2006, Registration, Evaluation, Authorization and Restriction of Chemicals (REACH)
- Mirror-like polished
- Size 5,94mm ± 0,01

## Xtreme Precision® INDOOR RECYCLABLE BB'S



# 0.20g

- Maximum accuracy
- Stable size
- Xtreme Precision® quality
- Guaranteed roundness
- Certified EN71 part 3: 1994-12+A1/09.00+ AC/07.02
- Certified (EC) no. 1907/2006, Registration, Evaluation, Authorization and Restriction of Chemicals (REACH)
- Mirror-like polished
- Size 5,96mm ± 0,005



Also Available in  
25Kg Maxi Bags



0.20g BB Bottles  
3300 Shots

# Xtreme Precision® INDOOR RECYCLABLE BB'S

Also Available in  
25Kg Maxi Bags



Also Available in  
25Kg Maxi Bags



0.25g BB Bottles  
3300 Shots

# 0.23g

- Maximum accuracy ■
- Stable size ■
- Xtreme Precision® quality ■
- Guaranteed roundness ■
- Certified EN71 part 3: ■  
1994-12+A1/09.00+  
AC/07.02
- Certified (EC) ■  
no. 1907/2006,  
Registration, Evaluation,  
Authorization and Restriction  
of Chemicals (REACH)
- Mirror-like polished ■
- Size 5,96mm ± 0,005 ■

# 0.25g

- Maximum accuracy ■
- Stable size ■
- Xtreme Precision® quality ■
- Guaranteed roundness ■
- Certified EN71 part 3: ■  
1994-12+A1/09.00+  
AC/07.02
- Certified (EC) ■  
no. 1907/2006,  
Registration, Evaluation,  
Authorization and Restriction  
of Chemicals (REACH)
- Mirror-like polished ■
- Size 5,96mm ± 0,005 ■

# 0.28g

- Maximum accuracy
- Stable size
- Xtreme Precision® quality
- Guaranteed roundness
- Certified EN71 part 3: 1994-12+A1/09.00+ AC/07.02
- Certified (EC) no. 1907/2006, Registration, Evaluation, Authorization and Restriction of Chemicals (REACH)
- Mirror-like polished
- Size 5,96mm ± 0,005

## Xtreme Precision® INDOOR RECYCLABLE BB'S



Also Available in  
25Kg Maxi Bags



# 0.30g

- Maximum accuracy
- Stable size
- Xtreme Precision® quality
- Guaranteed roundness
- Certified EN71 part 3: 1994-12+A1/09.00+ AC/07.02
- Certified (EC) no. 1907/2006, Registration, Evaluation, Authorization and Restriction of Chemicals (REACH)
- Mirror-like polished
- Size 5,96mm ± 0,005



Also Available in  
25Kg Maxi Bags





# WORLDWIDE DISTRIBUTION



**THE PROFESSIONALS' CHOICE**  
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[info@evolution-airsoft.com](mailto:info@evolution-airsoft.com) • TEL +39 (0)2 254.590.27 • FAX +39 (0)2 251.183.56

\*Xtreme Precision® is a Registered Trademark of Evolution International S.r.l. \*\*The Professional's Choice, One Step Ahead, Recyclable BB's, High Performance BB's, Xtreme Precision BIO, Biodegradable in Word and Deed and the Micrometer with BB are Trademarks of Evolution International S.r.l.  
\*\*\*Product specifications are not contractual and may change without notice.

# ONE STEP AHEAD



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