



THE PERFECT CHOICE
THE UK'S FIRST AND
ONLY FULLY CERTIFIED
DISSOLVABLE AND
BIODEGRADABLE WAD

ENVIRONMENTAL
CREDENTIALS OF PRO-ECO
WATER SOLUBLE WAD

The UK's first and only dissolvable, biodegradable wad that has been certified to the highest industry standards.

Constantly investigating new ways to develop eco-components, Eley is enabling shooters to make their own informed, socially responsible choices.

For more information or details on how to order the product, please contact:
Sales Office T: 0121 352 3272
E: sales@eleyhawkltd.com
www.eleyhawkltd.com



ELEY PRO ECO WAD
PRODUCT RANGE



VIP STEEL GAME 20G
PRO ECO WAD

The UK's first 20g steel load with dissolvable and biodegradable wad.



Eco Friendly Plastic Free Cup Wad
Steel Shot • Superior Patterning
Shot Load 24g 4 shot
Ideal shot load for game shooting
loaded in a 2¾ inch/70mm case.

ZENETH 12G
PRO ECO WAD

The ultimate eco friendly cartridge for a perfect shooting experience.



Eco Friendly Plastic Free Cup Wad
Copper Lead Shot • Superior Patterning
Shot Load 32g 5 shot & 36g 4 shot
A versatile 32g and high bird 36g load.
Both are loaded in a 2¾ inch/70mm case.

GRAND PRIX STEEL GAME
12G PRO ECO WAD

The first true 2½ inch steel cartridge designed specifically for traditional guns



Eco Friendly Plastic Free Cup Wad
Steel Shot • Superior Patterning
Shot Load 30g 4 shot
Ideal shot load for game shooting
loaded in a 2½ inch/65mm case.

ESP HIGH PERFORMACE STEEL
GAME 12G PRO ECO WAD

The UK's first CIP proofed steel load with dissolvable and biodegradable wad.



Eco Friendly Plastic Free Cup Wad
Steel Shot • Superior Patterning
Shot Load 36g 1 & 3
Ideal shot for high birds and wild fowling
loaded in a 3 inch/76mm case.

VIP STEEL GAME 12G
PRO ECO WAD

The UK's first 12g steel load with dissolvable and biodegradable wad.




Eco Friendly Plastic Free Cup Wad
Steel Shot • Superior Patterning
Shot Load 32g 3 & 5 shot
Ideal shot load for game and wild fowling
loaded in a 2¾ inch/70mm case.

USE OF STEEL SHOT AMMUNITION

(Extract of British Proof authorities memorandum)

There is much confusion over what steel ammunition can and can't be used with shotguns bearing both CIP proof marks and historic national proof marks, or “proof symbols” as we prefer to refer to them. We will attempt to explain in the simplest terms possible what ammunition may be used with the relevant proof symbol.

It must be understood there are two types of steel ammunition, Standard Steel & High Performance Steel.

 **Standard Steel** ammunition can be used with any shotgun (other than Damascus/twist barrelled guns), in good order, bearing any of the CIP, London or Birmingham symbols (from 1954 and onwards), provided the ammunition is of the correct length for the chamber and the barrel choking is less than half choke (some small cosmetic choke damage may still be incurred, even under these conditions). Ammunition packaging should denote that the ammunition is Standard Steel.



High Performance Steel ammunition can only be used with shotguns bearing a CIP fleur de Lys mark.

The ammunition should be of the correct length for the chamber. The CIP recommends less or equal to half choke in relation to a given shot diameter for the Bore (>4mm in 12G and >3,25 in 20G)

Ammunition packaging should denote that the **ammunition** is High Performance Steel. However, if unsure whether your ammunition is High Performance Steel, **please consult the manufacturer.**

If unsure whether your shotgun is suitable for use with High Performance Steel ammunition **please contact a competent gun dealer, gunsmith or the British Proof Authority for advice**, this may involve the submission of your shotgun for inspection.

*Eley Hawk does **not recommend** the use of more than **half choke with Standard Steel** or more than **Quarter choke with High Performance Steel.***

APPROXIMATE NUMBER OF LEAD PELLETS IN SHOT LOAD

Weight of shot		Size of shot					
g	oz	3	4	5	6	7	
46	1 5⁄8	230	275	355	440	550	
42.5	1 ½	210	255	330	405	510	
36	1 ¼	175	215	275	340	425	
34	1 3⁄16	165	200	260	320	405	
32	1 ⅛	155	190	250	305	385	
30	1 ⅙	150	180	235	285	360	
28.5	1	140	170	220	270	340	
26.5	15⁄16	130	160	205	255	320	
25	7⁄8	120	150	135	235	300	
24	27⁄32	120	145	185	225	285	
23	13⁄16	115	140	180	220	275	
17.5	5⁄8	85	105	140	170	210	
16	9⁄16	80	95	125	150	190	
12.5	7⁄16	60	75	95	120	150	
9	5⁄16	45	55	70	85	105	

APPROXIMATE NUMBER OF STEEL PELLETS IN SHOT LOAD

UK - Steel Pellet Count					
No.	1	3	4	5	7
mm	3.56	3.25	3.05	2.79	2.54
24	132	168	201	253	353
28	154	196	235	296	412
30	165	210	252	318	441
32	176	224	268	338	475
36	198	252	302	381	530

EU - Steel Pellet Count					
No.	1	3	4	5	7
mm	4.06	3.56	3.25	3.05	2.54
24	86	132	168	201	353
28	101	154	196	235	412
30	108	165	210	252	441
32	115	176	224	268	475
36	129	198	252	302	530

CIP LIMITS FOR LEAD FREE CARTRIDGES

	12 Gauge		20 Gauge	
	Standard Steel	High Performance	Standard Steel	High Performance
Case Length	≤ 70mm	≤ 76mm	≤ 70mm	≤ 76mm
Speed	≤ 425	≤ 430	≤ 410	≤ 430
Max pressure	≤ 740 bar	≤ 1050 bar	≤ 830 bar	≤ 1050 bar
Shot size	≤ 3.25mm	–	≤ 3.00mm	–
British Proof Authorities choke recommendations	< 0.5	≤ 0.5 if shot > 4mm	< 0.5	≤ 0.5 if shot > 3.25mm
Eley's choke recommendation	< 0.5	≤ 0.25	< 0.5	≤ 0.25

Guide: ≤ Less than or equal to. < Less than. > Greater than.



THE UK'S FIRST AND ONLY FULLY CERTIFIED DISSOLVABLE AND BIODEGRADABLE WAD

NON-TOXIC

Certified with ASTM non toxicity standard in accordance with ASTM norm D 6400-04 ‘Standard Specification for Compostable Plastics’.

COMPOSTABILITY

Certified with “OK Compost” from Vincotte which is the European standard in COMPOSTABILITY.

Pro-Eco wads contain natural minerals which feed back into the earth contributing to plant growth.

BIODEGRADABILITY

The wad material has also received certification for norm CE EN 13432 proving to be BIODEGRADABLE and fully DISINTEGRATING in water.

MARINE BIODEGRADABILITY

The only shooting product certified for MARINE BIODEGRADABILITY as per norm ASTM D6691.



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