



The British Association for Shooting & Conservation

Sustainable ammunition cartridge list

Manufacturer	Brand name	Bore	Shot type	Load	Shot size	Wad type	Manufacturer's stated muzzle velocity	Case length	Nitro proof required	Fleur de lys required
Eley Hawk	VIP Steel	12	Steel	32g	4	Pro Eco	375 mps / 1230 fps	70mm / 2¾ inches	Yes	No
Eley Hawk	VIP Steel	12	Steel	32g	5	Pro Eco	375 mps / 1230 fps	70mm / 2¾ inches	Yes	No
Eley Hawk	VIP Steel	20	Steel	24g	4	Pro Eco	370 mps / 1216 fps	70mm / 2¾ inches	Yes	No
Eley Hawk	Grand Prix Traditional Steel	12	Steel	30g	4	Pro Eco	412 mps / 1279 fps	65mm / 2½ inches	Yes	No
Eley Hawk	VIP Bismuth	12	Bismuth	28g	5	Fibre	426 fps / 1398 fps	67mm / 2½ inches	No	No
Eley Hawk	VIP Bismuth	12	Bismuth	30g	4	Fibre	423 mps / 1388 fps	67mm / 2½ inches	No	No
Eley Hawk	VIP Bismuth	12	Bismuth	30g	5	Fibre	423 mps / 1388 fps	67mm / 2½ inches	No	No
Eley Hawk	VIP Bismuth	12	Bismuth	32g	4	Fibre	423 mps / 1388 fps	67mm / 2½ inches	No	No
Eley Hawk	VIP Bismuth	12	Bismuth	32g	5	Fibre	423 mps / 1388 fps	67mm / 2½ inches	No	No
Eley Hawk	VIP Bismuth	16	Bismuth	26.5g	5	Fibre	396 fps / 1292 fps	67mm / 2½ inches	No	No
Eley Hawk	VIP Bismuth	20	Bismuth	25g	5	Fibre	370 mps / 1216 fps	67mm / 2½ inches	No	No
Eley Hawk	VIP Bismuth	20	Bismuth	28g	4	Fibre	370 mps / 1216 fps	70mm / 2¾ inches	No	No
Eley Hawk	VIP Bismuth	20	Bismuth	28g	5	Fibre	370 mps / 1216 fps	70mm / 2¾ inches	No	No
Eley Hawk	VIP Steel	12	Steel	24g	7	Pro Eco	423 mps / 1312 fps	70mm / 2¾ inches	Yes	No
Eley Hawk	VIP Steel	12	Steel	28g	7	Pro Eco	423 mps / 1312 fps	70mm / 2¾ inches	Yes	No
Eley Hawk	VIP Steel	20	Steel	24g	7	Pro Eco	423 mps / 1312 fps	70mm / 2¾ inches	Yes	No
Eley Hawk	Zenith Bismuth	12	Bismuth	32g	4	Pro Eco	380 mps / 1247 fps	70mm / 2¾ inches	No	No
Eley Hawk	Zenith Bismuth	12	Bismuth	36g	3	Pro Eco	380 mps / 1247 fps	70mm / 2¾ inches	No	No
Eley Hawk	Zenith Steel	12	Copper coated steel	28g	5	Pro Eco	425 mps / 1394 fps	70mm / 2¾ inches	Yes	No
Eley Hawk	Zenith Steel	12	Copper coated steel	32g	4	Pro Eco	425 mps / 1394 fps	70mm / 2¾ inches	Yes	No
Eley Hawk	ESP HP Steel	12	Steel	36g	1	Pro Eco	435 mps / 1430 fps	76mm / 3 inches	Yes	Yes
Eley Hawk	ESP HP Steel	12	Steel	36g	3	Pro Eco	435 mps / 1430 fps	76mm / 3 inches	Yes	Yes
Gamebore	Black Gold Dark Storm	12	Steel	32g	5	Bio-Wad	1400 fps	70mm / 2¾ inches	Yes	No
Gamebore	Black Gold Dark Storm	12	Steel	32g	4	Bio-Wad	1400 fps	70mm / 2¾ inches	Yes	No
Gamebore	Black Gold Dark Storm	12	Steel	32g	3	Bio-Wad	1490 fps	70mm / 2¾ inches	Yes	Yes
Gamebore	Black Gold Dark Storm	12	Steel	35g	1	Bio-Wad	1460 fps	76mm / 3 inches	Yes	Yes
Gamebore	Black Gold Dark Storm	12	Steel	35g	2	Bio-Wad	1460 fps	76mm / 3 inches	Yes	Yes
Gamebore	Black Gold Dark Storm	12	Steel	35g	3	Bio-Wad	1460 fps	76mm / 3 inches	Yes	Yes
Gamebore	Black Gold Steel	20	Steel	24g	4	Bio-Wad	1400 fps	70mm / 2¾ inches	Yes	No
Gamebore	Black Gold Steel	20	Steel	24g	5	Bio-Wad	1400 fps	70mm / 2¾ inches	Yes	No
Gamebore	Regal Steel Game	12	Steel	30g	4	Bio-Wad	1400 fps	65mm / 2½ inches	Yes	No
Gamebore	Regal Steel Game	12	Steel	30g	5	Bio-Wad	1400 fps	65mm / 2½ inches	Yes	No
Gamebore	Dark Storm Bismuth	12	Bismuth	32g	3	Quad Seal Fibre	1450 fps	70mm / 2¾ inches	No	No
Gamebore	Dark Storm Bismuth	12	Bismuth	32g	4	Quad Seal Fibre	1450 fps	70mm / 2¾ inches	No	No
Gamebore	Dark Storm Bismuth	12	Bismuth	34g	3	Quad Seal Fibre	1425 fps	70mm / 2¾ inches	No	No
Gamebore	Dark Storm Bismuth	12	Bismuth	34g	4	Quad Seal Fibre	1425 fps	70mm / 2¾ inches	No	No
Gamebore	Bismuth HD	12	Bismuth	30g	4	Fibre	1400 fps	65mm / 2½ inches	No	No
Gamebore	Bismuth HD	12	Bismuth	30g	5	Fibre	1400 fps	65mm / 2½ inches	No	No
Gamebore	Bismuth HD	12	Bismuth	32g	4	Fibre	1400 fps	65mm / 2½ inches	No	No
Gamebore	Bismuth HD	12	Bismuth	32g	5	Fibre	1400 fps	65mm / 2½ inches	No	No
Gamebore	Bismuth HD	20	Bismuth	28g	4	Fibre	1400 fps	70mm / 2¾ inches	No	No
Gamebore	Bismuth HD	20	Bismuth	28g	5	Fibre	1400 fps	70mm / 2¾ inches	No	No
Jocker	Bio Sport	12	Steel	21g	7	Paper Wad	1312 fps	70mm / 2¾ inches	Yes	No
Jocker	Bio Sport	12	Steel	27g	4	Paper Wad	1296 fps	67mm / 2½ inches	Yes	No
Jocker	Bio Sport	12	Steel	32g	4	Paper Wad	1280 fps	70mm / 2¾ inches	Yes	Yes
BioAmmo	Clay Steel	12	Steel	24g	7	Bio-Wad	1325 fps	70mm / 2¾ inches	Yes	No
BioAmmo	Clay Steel	12	Steel	24g	9	Bio-Wad	1325 fps	70mm / 2¾ inches	Yes	No
BioAmmo	Clay Steel	12	Steel	28g	7	Bio-Wad	1280 fps	70mm / 2¾ inches	Yes	No
BioAmmo	Clay Steel	12	Steel	28g	9	Bio-Wad	1280 fps	70mm / 2¾ inches	Yes	No

Manufacturer	Brand name	Bore	Shot type	Load	Shot size	Wad type	Manufacturer's stated muzzle velocity	Case length	Nitro proof required	Fleur de lys required
BioAmmo	Game Steel	12	Steel	28g	3	Bio-Wad	1265 fps	70mm / 2¾ inches	Yes	Yes
BioAmmo	Game Steel	12	Steel	28g	4	Bio-Wad	1265 fps	70mm / 2¾ inches	Yes	No
BioAmmo	Game Steel	12	Steel	28g	5	Bio-Wad	1265 fps	70mm / 2¾ inches	Yes	No
BioAmmo	Game Steel	12	Steel	28g	7	Bio-Wad	1265 fps	70mm / 2¾ inches	Yes	No
BioAmmo	Game Steel	12	Steel	30g	2	Bio-Wad	1295 fps	70mm / 2¾ inches	Yes	No
BioAmmo	Game Steel	12	Steel	30g	3	Bio-Wad	1295 fps	70mm / 2¾ inches	Yes	Yes
BioAmmo	Game Steel	12	Steel	30g	4	Bio-Wad	1295 fps	70mm / 2¾ inches	Yes	No
BioAmmo	Game Steel	12	Steel	30g	5	Bio-Wad	1295 fps	70mm / 2¾ inches	Yes	No
BioAmmo	Game Steel	12	Steel	30g	7	Bio-Wad	1295 fps	70mm / 2¾ inches	Yes	No
BioAmmo	Game Steel	12	Steel	32g	2	Bio-Wad	1295 fps	70mm / 2¾ inches	Yes	No
BioAmmo	Game Steel	12	Steel	32g	3	Bio-Wad	1295 fps	70mm / 2¾ inches	Yes	Yes
BioAmmo	Game Steel	12	Steel	32g	4	Bio-Wad	1295 fps	70mm / 2¾ inches	Yes	No
BioAmmo	Game Steel	12	Steel	32g	5	Bio-Wad	1295 fps	70mm / 2¾ inches	Yes	No
BioAmmo	Game Steel	12	Steel	32g	7	Bio-Wad	1295 fps	70mm / 2¾ inches	Yes	No
BioAmmo	Game Steel	12	Steel	34g	3	Bio-Wad	1280 fps	70mm / 2¾ inches	Yes	Yes
BioAmmo	Game Steel	12	Steel	34g	4	Bio-Wad	1280 fps	70mm / 2¾ inches	Yes	No
BioAmmo	Game Steel	12	Steel	34g	5	Bio-Wad	1280 fps	70mm / 2¾ inches	Yes	No
BioAmmo	Game Steel	12	Steel	34g	7	Bio-Wad	1280 fps	70mm / 2¾ inches	Yes	No
BioAmmo	High Velocity	12	Steel	32g	BB	Bio-Wad	1538 fps	76mm / 3 inches	Yes	Yes
BioAmmo	High Velocity	12	Steel	32g	2	Bio-Wad	1538 fps	76mm / 3 inches	Yes	Yes
BioAmmo	High Velocity	12	Steel	32g	3	Bio-Wad	1538 fps	76mm / 3 inches	Yes	Yes
BioAmmo	High Velocity	12	Steel	32g	4	Bio-Wad	1538 fps	76mm / 3 inches	Yes	Yes
BioAmmo	High Velocity	12	Steel	36g	BB	Bio-Wad	1368 fps	76mm / 3 inches	Yes	Yes
BioAmmo	High Velocity	12	Steel	36g	2	Bio-Wad	1368 fps	76mm / 3 inches	Yes	Yes
BioAmmo	High Velocity	12	Steel	36g	3	Bio-Wad	1368 fps	76mm / 3 inches	Yes	Yes
BioAmmo	High Velocity	12	Steel	36g	4	Bio-Wad	1368 fps	76mm / 3 inches	Yes	Yes
BioAmmo	Blue 67mm	12	Zinc Alloy	25g	3	Bio-Wad	1377fps	67mm	Yes	Yes
BioAmmo	Blue 67mm	12	Zinc Alloy	25g	4	Bio-Wad	1377fps	67mm	Yes	No
BioAmmo	Blue 67mm	12	Zinc Alloy	25g	5	Bio-Wad	1377fps	67mm	Yes	No
BioAmmo	Blue 67mm	12	Zinc Alloy	25g	6	Bio-Wad	1377fps	67mm	Yes	No
BioAmmo	Blue	12	Zinc Alloy	28g	3	Bio-Wad	1377 fps	70mm / 2¾ inches	Yes	Yes
BioAmmo	Blue	12	Zinc Alloy	28g	4	Bio-Wad	1377 fps	70mm / 2¾ inches	Yes	No
BioAmmo	Blue	12	Zinc Alloy	28g	5	Bio-Wad	1377 fps	70mm / 2¾ inches	Yes	No
BioAmmo	Blue	12	Zinc Alloy	28g	6	Bio-Wad	1377 fps	70mm / 2¾ inches	Yes	No
BioAmmo	Blue	12	Zinc Alloy	32g	3	Bio-Wad	1377 fps	70mm / 2¾ inches	Yes	Yes
BioAmmo	Blue	12	Zinc Alloy	32g	4	Bio-Wad	1377 fps	70mm / 2¾ inches	Yes	No
BioAmmo	Blue	12	Zinc Alloy	32g	5	Bio-Wad	1377 fps	70mm / 2¾ inches	Yes	No
BioAmmo	Blue	12	Zinc Alloy	32g	6	Bio-Wad	1377 fps	70mm / 2¾ inches	Yes	No
BioAmmo	Blue 76mm	12	Zinc Alloy	35g	3	Bio-Wad	1315 fps	76mm / 3 inches	Yes	Yes
BioAmmo	Blue 76mm	12	Zinc Alloy	35g	4	Bio-Wad	1315 fps	76mm / 3 inches	Yes	No
BioAmmo	Blue 76mm	12	Zinc Alloy	35g	5	Bio-Wad	1315 fps	76mm / 3 inches	Yes	No
Lyalvale Express	Ultimate Bismuth	12	Bismuth	28g	5	Fibre	1400 fps	65mm / 2½ inches	Yes	No
Lyalvale Express	Ultimate Bismuth	12	Bismuth	30g	5	Fibre	1400 fps	65mm / 2½ inches	Yes	No
Lyalvale Express	Ultimate Bismuth	12	Bismuth	32g	4	Fibre	1400 fps	65mm / 2½ inches	Yes	No
Lyalvale Express	Ultimate Bismuth	12	Bismuth	34g	4	Fibre	1425 fps	70mm / 2¾ inches	Yes	No
Lyalvale Express	Ultimate Steel	12	Steel	30g	5	Earth Wad	1378 fps	65mm / 2½ inches	Yes	No
Lyalvale Express	Ultimate Steel HP	12	Steel	32g	4	Green Core	1411 fps	76mm / 3 inches	Yes	Yes
Lyalvale Express	Supreme Game	20	Bismuth	25g	4.5	Fibre	1400 fps	67mm	No	No
Lyalvale Express	Supreme Game	20	Bismuth	25g	4	Fibre	1400 fps	67mm	No	No
Lyalvale Express	Supreme Game	20	Bismuth	25g	5	Fibre	1400 fps	67mm	No	No
Lyalvale Express	Supreme Game	28	Bismuth	21g	5.5	Fibre	1400 fps	70mm / 2¾ inches	No	No

Manufacturer	Brand name	Bore	Shot type	Load	Shot size	Wad type	Manufacturers stated muzzle velocity	Case length	Nitro Proof required	Fleur de lys required
Lyalvale Express	Supreme Fibre	410	Bismuth	16g	5	Fibre	1300 fps	76mm / 3 inches	No	No
Lyalvale Express	Supreme Fibre	410	Bismuth	16g	6	Fibre	1300 fps	76mm / 3 inches	No	No
Lyalvale Express	Supreme Fibre	410	Bismuth	16g	7	Fibre	1300 fps	76mm / 3 inches	No	No
Vouzelaud	Live Quarry	12	Tin coated Steel	28g	3	ACP / Anychoke technology	Not provided	70mm / 2¾ inches	Yes	No
Vouzelaud	Live Quarry	12	Tin coated Steel	24g	4	ACP / Anychoke technology	Not provided	65mm / 2½ inches	Yes	No
Baschieri & Pellagri	Privilege Game Steel	12	Steel	28g	4	Green Core	1427 fps	70mm / 2¾ inches	Yes	No
Baschieri & Pellagri	Privilege Game Steel	12	Steel	28g	5	Green Core	1427 fps	70mm / 2¾ inches	Yes	No
Baschieri & Pellagri	Privilege Game Steel	12	Steel	32g	3	Green Core	1427 fps	70mm / 2¾ inches	Yes	Yes
Baschieri & Pellagri	Privilege Game Steel	12	Steel	32g	4	Green Core	1427 fps	70mm / 2¾ inches	Yes	Yes
Baschieri & Pellagri	Privilege Game Steel	12	Steel	32g	5	Green Core	1427 fps	70mm / 2¾ inches	Yes	Yes
Baschieri & Pellagri	Dual Shock	12	Steel	32g	6+4	Green Core	1443 fps	70mm / 2¾ inches	Yes	Yes
Baschieri & Pellagri	Dual Shock	12	Steel	34g	5+3	Green Core	1378 fps	70mm / 2¾ inches	Yes	Yes
Baschieri & Pellagri	Dual Shock	12	Steel	36g	5+3	Green Core	1443 fps	76mm / 3 inches	Yes	Yes
Baschieri & Pellagri	Dual Bismuth	12	Bismuth	34g	4+3	Green Core	1345 fps	70mm / 2¾ inches	No	No
Baschieri & Pellagri	MG2 Tungsten	12	Tungsten	35g	5	Green Core	1345 fps	70mm / 2¾ inches	Yes	Yes
Baschieri & Pellagri	MG2 Tungsten	12	Tungsten	35g	6	Green Core	1345 fps	70mm / 2¾ inches	Yes	Yes
Baschieri & Pellagri	MG2 Tungsten	12	Tungsten	35g	7	Green Core	1345 fps	70mm / 2¾ inches	Yes	Yes
Baschieri & Pellagri	MG2 Tungsten	12	Tungsten	40g	5	Green Core	1312 fps	76mm / 3 inches	Yes	Yes
Baschieri & Pellagri	MG2 Tungsten	12	Tungsten	40g	6	Green Core	1312 fps	76mm / 3 inches	Yes	Yes
Hull Cartridges	High Pheasant Steel	20	Steel	26g	5	Hydrowad	Not provided	70mm / 2¾ inches	Yes	No
Hull Cartridges	High Pheasant Extreme Steel Magnum	12	Steel	34g	3	Hydrowad	Not provided	76mm / 3 inches	Yes	Yes
Hull Cartridges	High Pheasant Extreme Steel Magnum	12	Steel	34g	4	Hydrowad	Not provided	76mm / 3 inches	Yes	Yes
Hull Cartridges	High Pheasant Extreme Steel	12	Steel	32g	3	Hydrowad	Not provided	70mm / 2¾ inches	Yes	Yes
Hull Cartridges	High Pheasant Steel	12	Steel	32g	3	Hydrowad	Not provided	70mm / 2¾ inches	Yes	No
Hull Cartridges	High Pheasant Steel	12	Steel	32g	4	Hydrowad	Not provided	70mm / 2¾ inches	Yes	No
Hull Cartridges	Imperial Traditional Steel	12	Steel	28g	4	Hydrowad	Not provided	65mm / 2½ inches	Yes	No
Hull Cartridges	Bismuth	12	Bismuth	28g	4	Fibre	Not provided	65mm / 2½ inches	No	No
Hull Cartridges	Bismuth	12	Bismuth	28g	5	Fibre	Not provided	65mm / 2½ inches	No	No
Hull Cartridges	Bismuth	12	Bismuth	30g	4	Fibre	Not provided	65mm / 2½ inches	No	No
Hull Cartridges	Bismuth	12	Bismuth	30g	5	Fibre	Not provided	65mm / 2½ inches	No	No
Hull Cartridges	High Pheasant Extreme Steel Magnum	20	Steel	28g	3	Hydrowad	Not provided	76mm / 3 inches	Yes	Yes
Hull Cartridges	High Pheasant Extreme Steel Magnum	20	Steel	28g	4	Hydrowad	Not provided	76mm / 3 inches	Yes	Yes
Hull Cartridges	Bismuth	20	Bismuth	25g	4.5	Fibre	Not provided	70mm / 2¾ inches	No	No
Hull Cartridges	Bismuth	20	Bismuth	25g	5	Fibre	Not provided	70mm / 2¾ inches	No	No
Hull Cartridges	Bismuth	20	Bismuth	28g	4.5	Fibre	Not provided	70mm / 2¾ inches	No	No
Hull Cartridges	Bismuth	20	Bismuth	28g	5	Fibre	Not provided	70mm / 2¾ inches	No	No
Hull Cartridges	Bismuth	16	Bismuth	25g	4	Fibre	Not provided	70mm / 2¾ inches	No	No
Hull Cartridges	Bismuth	28	Bismuth	21g	4	Hydrowad	Not provided	70mm / 2¾ inches	No	No
Hull Cartridges	Bismuth	28	Bismuth	21g	5	Hydrowad	Not provided	70mm / 2¾ inches	No	No