

## MAGTECH GUARDIAN GOLD™ Cartridges

Symbol	Caliber	Bullet		Velocity				Energy				Mid-Range Trajectory				Test Barrel Length						
		Style	Weight	Muzzle	50m	50 yd	100m	100 yd	Muzzle	50m	50 yd	100m	100 yd	50m	50 yd	100 m	100 yd	cm	inch			
																				g	gr	m/s
GG357A	.357 Mag	JHP	8.10	125	420	1,378	353	1,170	307	1,020	714	527	505	381	382	289	1.5	0.5	7.5	2.5	10.2-V	4-V
GG380A	.380 Auto+P	JHP	5.5	85	330	1,082	303	999	282	936	300	221	252	188	219	166	3.1	1.0	13.3	4.3	9.5	3½
GG38A	.38 SPL+P	JHP	8.10	125	310	1,017	295	971	282	931	389	287	352	262	322	241	3.4	1.1	14.3	4.6	10.2	4
GG9A	9mm Luger+P	JHP	7.45	115	380	1,246	344	1,137	318	1,056	538	397	441	330	377	285	2.4	0.8	10.5	3.4	10.2	4
GG9B	9mm Luger	JHP	8.03	124	334	1,096	304	1,017	286	958	448	331	371	285	328	253	3.1	1.0	12.5	4.1	10.2	4
GG40A	.40 S&W	JHP	10.0	155	367	1,024	338	1,118	317	1,052	677	500	596	430	523	381	2.5	0.8	10.9	3.5	10.2	4
GG40B	.40 S&W	JHP	11.66	180	302	990	282	938	268	891	532	392	463	352	419	318	3.7	1.2	13.4	4.5	10.2	4
GG45A	.45 Auto+P	JHP	12.0	185	350	1,148	323	1,066	303	1,005	735	540	626	467	551	415	2.7	0.9	11.8	3.8	12.7	5
GG45B	.45 Auto+P	JHP	14.90	230	307	1,007	290	965	279	927	702	518	626	475	580	440	4.0	1.3	12.5	4.0	12.7	5

## MAGTECH Clean Range™ Cartridges

Symbol	Caliber	Bullet		Velocity				Energy				Mid-Range Trajectory				Test Barrel Length						
		Style	Weight	Muzzle	50m	50 yd	100m	100 yd	Muzzle	50m	50 yd	100m	100 yd	50m	50 yd	100 m	100 yd	cm	inch			
																				g	gr	m/s
CR38A	.38 SPL	FEB	10.24	158	230	755	218	723	209	692	271	200	243	183	224	168	6.2	2.0	24.0	8.2	10.2-V	4-V
CR380A	.380 Auto	FEB	6.15	95	290	951	261	861	236	781	259	190	209	157	171	128	4.3	1.4	18.0	5.9	9.5	3½
CR9A	9mm Luger	FEB	7.45	115	346	1,135	310	1,041	288	973	446	330	358	277	309	242	2.8	0.9	12.2	4.0	10.2	4
CR9B	9mm Luger	FEB	8.03	124	338	1,109	308	1,030	290	971	459	338	381	292	338	260	3.1	1.0	12.5	4.1	10.2	4
CR40A	.40 S&W	FEB	11.66	180	302	990	282	938	268	891	532	392	463	352	419	318	3.7	1.2	13.4	4.5	10.2	4

FEB = Fully Encapsulated Bullet

## MAGTECH Cowboy Action Cartridges

Symbol	Caliber	Bullet		Velocity				Energy				Mid-Range Trajectory				Test Barrel Length						
		Style	Weight	Muzzle	50m	50 yd	100m	100 yd	Muzzle	50m	50 yd	100m	100 yd	50m	50 yd	100 m	100 yd	cm	inch			
																				g	gr	m/s
4440B	.44-40 WIN	LFN	14.58	225	221	725	214	703	206	681	356	281	333	247	311	232	6.5	2.1	26.9	8.8	10.2	4
44B	.44 SPL	LFN	15.55	240	229	750	220	722	211	696	408	300	376	278	347	258	6.1	2.0	25.4	8.3	10.2	4
45D	.45 Colt	LFN	16.20	250	229	750	221	726	213	702	425	312	395	293	367	274	6.0	2.0	25.2	8.2	10.2	4
38L	.38 SPL	LFN	10.24	158	244	800	236	776	228	753	305	225	285	211	267	199	5.3	1.8	22.0	7.2	10.2-V	4-V

## MAGTECH Rifle Cartridges

Symbol	Caliber	Bullet		Velocity				Energy				Mid-Range Trajectory				Test Barrel Length						
		Style	Weight	Muzzle	50m	50 yd	100m	100 yd	Muzzle	50m	50 yd	100m	100 yd	50m	50 yd	100 m	100 yd	cm	inch			
																				g	gr	m/s
30A	30 Carbine	FMC	7.13	110	607	1,990	549	1,817	495	1,654	1,313	967	1,075	806	875	668	2.2	0.6	18.4	5.7	50.8	20

V= Vented Test Barrel



## MAGTECH Pistol Cartridges

Symbol	Caliber	Bullet		Velocity				Energy				Mid-Range Trajectory				Test Barrel Length						
		Style	Weight	Muzzle	50m	50 yd	100m	100 yd	Muzzle	50m	50 yd	100m	100 yd	50m	50 yd	100 m	100 yd	cm	inch			
																				g	gr	m/s
25A	.25 Auto	FMC	3.24	50	232	760	214	707	199	659	87	64	74	56	64	48	6.1	2.0	26.2	8.7	5.1	2
32A	.32 Auto	FMC	4.60	71	276	905	259	855	245	810	175	129	154	115	138	103	4.3	1.4	18.5	5.8	10.2	4
32B	.32 Auto	JHP	4.60	71	276	905	259	855	245	810	175	129	154	115	138	103	4.3	1.4	18.5	5.8	10.2	4
380A	.380 Auto	FMC	6.15	95	290	951	261	861	236	781	259	190	209	156	171	128	4.3	1.4	18.0	5.9	9.5	3½
380B	.380 Auto	JHP	6.15	95	290	951	261	861	236	781	259	190	209	156	171	128	4.3	1.4	18.0	5.9	9.5	3½
9A	9mm Luger	FMC	7.45	115	346	1,135	310	1,027	290	961	446	330	358	270	313	235	2.7	0.9	12.2	4.0	10.2	4
9B	9mm Luger	FMC	8.03	124	338	1,109	308	1,030	290	971	459	339	381	292	338	259	3.1	1.0	12.5	4.1	10.2	4
9C	9mm Luger	JHP	7.45	115	352	1,155	316	1,047	293	971	462	340	372	280	320	240	2.7	0.9	12.2	3.9	10.2	4
9D	9mm Luger	JSP Flat	6.15	95	410	1,345	356	1,185	317	1,055	517	380	390	295	309	235	2.4	0.8	12.4	3.4	10.2	4
9E	9mm Luger	LRN	8.03	124	334	1,095	308	1,030	290	971	459	339	381	292	338	259	3.1	1.0	12.5	4.1	10.2	4
9F	9mm Luger	JSP Flat	6.15	95	410	1,345	356	1,185	317	1,085	817	380	390	295	309	238	2.4	0.8	10.4	3.4	10.2	4
9G	9mm Luger	FMC Flat	9.52	147	302	990	286	945	274	907	434	320	389	292	357	268	3.7	1.2	14.6	4.8	10.2	4
9H	9mm Luger+P+	JHP	7.45	115	380	1,246	347	1,145	322	1,069	538	397	448	335	387	292	1.0	0.3	8.8	2.9	10.2	4
40A	.40 S&W	JHP	11.66	180	302	990	282	933	268	886	532	390	464	348	419	314	3.7	1.2	14.6	5.0	10.2	4
40B	.40 S&W	FMC	11.66	180	302	990	282	933	268	886	532	390	464	348	419	314	3.7	1.2	14.6	5.0	10.2	4
40C	.40 S&W	LSWC	10.37	160	355	1,165	325	1,076	297	984	653	484	548	411	457	343	2.7	0.9	11.9	3.9	10.2	4
40D	.40 S&W	JHP	10.05	155	367	1,205	330	1,018	307	1,096	677	500	547	414	474	357	2.4	0.8	11.0	3.6	10.2	4
40G	.40 S&W	FMC	10.69	165	320	1,050	283	941	259	863	547	404	428	325	359	273	3.3	1.2	12.0	4.0	10.2	4
45A	.45 Auto	FMC	14.90	230	255	837	242	800	232	767	484	356	436	326	401	300	4.9	1.6	20.7	6.8	12.7	5
45B	.45 Auto	FMC-SWC	14.90	230	238	780	218	720	199	660	422	310	354	265	295	222	5.5	1.8	23.8	7.8	12.7	5
45C	.45 Auto	LSWC	12.96	200	290	950	277	910	265	874	545	401	496	368	455	339	2.4	0.8	11.0	4.8	12.7	5

## MAGTECH Revolver Cartridges

Symbol	Caliber	Bullet		Velocity				Energy				Mid-Range Trajectory				Test Barrel Length						
		Style	Weight	Muzzle	50m	50 yd	100m	100 yd	Muzzle	50m	50 yd	100m	100 yd	50m	50 yd	100 m	100 yd	cm	inch			
																				g	gr	m/s
32SWA	.32 S&W	LRN	5.50	85	207	680	195	645	187	610	118	87	105	78	96	70	7.6	2.5	36.8	10.5	7.6	3
32SWLA	.32 S&W Long	LR																				