

Caliber 4.5mm / .177, Factory Settings

Slug 0.870g / 13.42 gr

	Regulator pressure	50 bar	60 bar	70 bar	80 bar	90 bar	100 bar	110 bar	120 bar	130 bar	140 bar	150 bar	160 bar	170 bar	180 bar	190 bar	200 bar
420mm barrel	Velocity (m/s)	204	218	230	244	258	268	275	281	291	297	303	310	314	1320	325	330
	Energy (Joules)	18.1	20.67	23	25.9	29	31.2	33	34.3	36.8	38.4	39.9	41.8	42.9	44.5	46	47.4
550mm barrel	Velocity (m/s)	213	227	246	260	272	285	295	300	305	315	325	330	335	340		
	Energy (Joules)	19.7	22.4	26.3	29.4	32.2	35.3	37.9	39.1	40.5	43.2	46	47.4	48.8	50.3		

* The 4.5mm / .177 caliber performance table only includes values with factory settings and standard components. When used with a Power Kit, the muzzle energy would greatly exceed the speed of sound, negatively affecting accuracy.

Caliber 5.5 mm / .22, Factory Settings

Slug 1.645g / 25.38 gr

	Regulator pressure	80 bar	100 bar	150 bar	180 bar	200 bar	220 bar
420mm barrel	Velocity (m/s)	228	243	281	295	256	262
	Energy (Joules)	42.7	48.5	64.9	71.58	85.2	89.24
550mm barrel	Velocity (m/s)	235	245	288	305	256	267
	Energy (Joules)	45.4	49.4	68.2	76.5	85.2	92.7

Slug 2.6 g / 40 gr

Caliber 5.5 mm / .22, Power Kit Settings (TAPAC78)

Slug 1.645 g / 25.38 gr

	Regulator pressure	80 bar	100 bar	150 bar	180 bar	200 bar	220 bar
420mm barrel	Velocity (m/s)	240	265	303	324	281	290
	Energy (Joules)	47.4	57.8	75.5	86.3	102.6	109.3
550mm barrel	Velocity (m/s)	260	280	325	347	298	306
	Energy (Joules)	55.6	64.5	86.9	99	115.4	121.7

Slug 2.6 g / 40 gr

Caliber 6.35 mm / .25, Factory Settings

Slug 2.170 g / 33.48 gr

	Regulator pressure	80 bar	100 bar	150 bar	180 bar
420mm barrel	Velocity (m/s)	230	245	290	308
	Energy (Joules)	57.4	65.13	91.25	102.93
550mm barrel	Velocity (m/s)	251	270	314	330
	Energy (Joules)	68.36	79.1	109.8	118.16

Caliber 6.35 mm / .25, Power Kit Settings (TAPAC82)

Slug 2.170 g / 33.48 gr

	Regulator pressure	80 bar	100 bar	150 bar	180 bar
420mm barrel	Velocity (m/s)	232	262	300	320
	Energy (Joules)	58.4	74.48	97.65	111.1
550mm barrel	Velocity (m/s)	260	285	322	345
	Energy (Joules)	73.35	88.13	112.5	129.14

Caliber 6.35 mm / .25, Power Kit Settings (TAPAC82)

Heavy Slugs, 550 mm barrel

	Regulator pressure	170 bar	180 bar	190 bar	200 bar	210 bar	220 bar
ZAN 2.92 g / 45 gr	Velocity (m/s)	305	311	315	320	325	330
	Energy (Joules)	135	141.2	144.9	149.5	154.2	159
ZAN 3.97 g / 61.2 gr	Velocity (m/s)	270	276	282	289	295	298
	Energy (Joules)	144.7	151.2	157.9	165.8	172.7	176.3
Altaros 4.27 g / 65.9 gr	Velocity (m/s)	271	274	279	283	288	293
	Energy (Joules)	156.8	160.3	166.2	171	177.1	183.3

