

CALIBRE	BULLET WEIGHT IN GRAINS	POWDER	CHARGE IN GRAINS	VELOCITY FPS	PRESSURE IN BARS	MAX CIP PRESSURE
308 7.62 X 51	110	TU 4	45	2821	2600	3600
	140	TU 5	49	3051	3200	
	130	TU 5	47	2881	3300	
	150	TU 5	45	2624	3000	
	165	TU 7	52	2756	---	
	180	(TU 3)	40	2687	MAX	
MATCH KING	(TU 4)	43	2719	MAX		
30-06 SPRING FIELD	110	TU 4	54	3149	3000	3500
	110	TU 5	54	3182	3300	
	130	TU 4	52	3018	3250	
	150	TU 4	50	2788	3100	
	165	TU 5	46	2526	2800	
	165	TU 5	50	2752	3458	
180	TU 6	54	2500	---		
8 X 57 MAUSER	125	TU 4	53	3116	---	2900
	150	TU 3	35	2375	2161	
	150	TU 4	46	2591	2400	
	170	TU 3	34	2231	2200	
	200	TU 5	49	2624	---	
45-70 GOVERN- MENT	300	TU 3	43	1837	1750	2000
	300	TU 4	51	1755	1450	
	300	TU 5	52	1837	1650	
	400	TU 6	57	1706	1850	

THE DATA CONTAINED IN THIS LEAFLET WAS PREPARED BY SNPE USING CIP APPROVED PRESSURE TESTING EQUIPMENT. THE PRESSURE FIGURES AND VELOCITIES CAN REASONABLY BE EXPECTED TO BE ACCURATE IN AVERAGE GUNS. HOWEVER, DUE TO THE WIDE VARIATIONS OF HEADSPACING, CHAMBER DIMENSIONS AND CARTRIDGE CASE WALL THICKNESS, SOME OF THESE LOADS MAY PROVE EXCESSIVE IN SOME GUNS. IT IS THEREFORE STRONGLY RECOMMENDED THAT LOADS ARE STARTED 10 TO 15% UNDER AND 'WORKED UP' IN 1/2 GRAIN INCREMENTS OR .1 GRAIN INCREMENTS IN SMALLER CALIBERS, CAREFULLY CHECKING FOR EXCESSIVE PRESSURE, I.E. PRIMER FLATENING, CASE HEAD EXPANSION OR TIGHT EXTRACTION, ETC. ANY LOADS MARKED 'MAX' OR WITH PRESSURES APPROACHING THE CIP MAX PRESSURE SHOULD BE SUBJECT TO EXTRA CARE. DUE TO THESE DIFFERENCES AND INDIVIDUAL LOADERS CARE WITH THEIR RELOADING, GAMEBORE CAN ACCEPT NO RESPONSIBILITY FOR THE RESULTS OF SAME WHILST USING OUR POWDERS OR LOADING DATA. MOST OF THE POPULAR CALIBERS ARE COVERED IN THIS DATA, HOWEVER, INFORMATION ON OTHER CALIBERS CAN BE OBTAINED BY SENDING A S.A.E. TO RAY HUTTY, GAMEBORE CARTRIDGE COMPANY, SPYVEE STREET, HULL, (0482 223707).

FRENCH POWDERS FOR HUNTING AND SHOOTING

Powders
for rifle ammunition



Range of american, swedish and french powders in the decreasing order of their burning quicknesses

DUPONT	HERCULES	HODGDON	OLIN	NORMA	SNPE
SR 7625 SR 4756	2400				BA5
SR 4759 IMR4227		H110	296		TUBAL1
IMR4198	R7		680	200	TUBAL2
IMR3031	R11				TUBAL3
IMR4064		BCC2 H335	748	201 203	TUBAL4
IMR4895		H4895			TUBAL5
IMR4320					TUBAL6
IMR4350	R21	H380 H414	760		TUBAL7
IMR4831		H4831 H450		204	TUBAL8
5010		H870	785	205	

With the Compliments of

Gamebore

CARTRIDGE COMPANY

CALIBRE	BULLET WEIGHT IN GRAINS	POWDER	CHARGE IN GRAINS	VELOCITY FPS	PRESSURE IN BARS	MAX CIP PRESSURE
.22 HORNET	45	BA 5	9.2	2057	----	2800
	45	BA 5	11.1	2480	MAX	
	50	BA 5	8.5	1909	----	
	50	BA 5	10	2277	MAX	
.222 REM	45	TU 2	18	3018	2400	3200
	45	TU 2	21.5	3330	MAX	
	50	TU 2	18	3020	2800	
	50	TU 2	20	3200	MAX	
	52	TU 2	18	2740	----	
	52	TU 2	20.5	3250	MAX	
.223 (5.56)	50	TU 2	20	2935	2400	3700
	50	TU 2	22	3182	3200	
	52	TU 2	19	2780	2337	
	52	TU 2	20	2926	2668	
	55	TU 2	19	2780	2475	
22-250 REM	50	TU 2	26	3281	2600	3500
	50	TU 3	28	3363	2800	
	50	TU 4	32	3281	2400	
	55	TU 2	26	3248	2800	
	70	TU 2	24	2952	3200	
243 WIN	80	TU 3	31	2920	2900	3600
	80	TU 4	38	3116	3100	
	80	TU 5	43	3281	3400	
	80	TU 6	38	2980	2900	
	80	TU 7	46	3290	3540	
	80	TU 8	46	3182	3300	
	90	TU 4	38	3084	3400	
	100	TU 3	37	3008	MAX	
	100	TU 4	38	3038	MAX	
	100	TU 5	40	3021	MAX	
	100	TU 6	41	2950	MAX	
	100	TU 7	43	2952	MAX	
	100	TU 8	46	2995	MAX	
	105	TU 6	44	3166	MAX	
105	TU 7	39	2788	3300		

CALIBRE	BULLET WEIGHT IN GRAINS	POWDER	CHARGE IN GRAINS	VELOCITY FPS	PRESSURE IN BARS	MAX CIP PRESSURE
270 WIN	110 NORMA	TU 3	49	3215	---	3700
	110 NORMA	TU 4	53	3245	---	
	130	TU 5	49	2821	3100	
	130	TU 5	56	3235	MAX	
	130	TU 6	48	2805	3000	
	130	TU 6	57	3190	MAX	
	150	TU 3	44	2700	MAX	
	150	TU 4	47	2818	MAX	
	150	TU 5	49	2834	MAX	
	150	TU 6	54	2834	MAX	
7 X 57 MAUSER	115	TU 4	43	2821	2900	3400
	130	TU 4	41	2624	2600	
	139	TU 3	40	2526	---	
	145	TU 4	39	2395	2600	
	160	TU 4	41	2500	3200	
	175	TU 3	43	2330	MAX	
7 MM REM MAG	160	TU 6	58	2687	3500	3700
	160	TU 7	64	2887	3400	
	160	TU 8	62	2773	2900	
	175	TU 7	58	2657	3200	
	MAG TIP 175 MAG TIP	TU 8	64	2821	3400	
30MI CARBINE	93FMJ	BA 5	15	---	MAX	
	110FMJ	BA 5	13.6	---	MAX	
	120CAST GASCHECK	BA 5	12.3	---	MAX	
	123CAST GASCHECK	BA 5	12.2	---	MAX	
	130CAST	BA 5	11.8	---	MAX	
303 BRITISH	150	TU 5	42	2460	2800	3200
	180	TU 7	40	2296	3000	
	175	TU 4	37	2240	MAX	
	175	TU 5	39	2198	MAX	