

RELATIVE BURN RATE CHART

Please read the note and caution at bottom of the chart.

RANK (FASTEST to SLOWEST)	POWDER	BRAND	ALIAS / EQUIVALENT
1	Norma R1	Norma	
2	Winchester WAALite	Winchester	
3	Vihtavuori N310	Vihtavuori	
4	Alliant Extra-Lite	Alliant	
5	Shooters World Sparta 100	Shooters World	Lovex D013-01
6	Accurate Nitro 100 NF	Accurate	
7	Alliant e3	Alliant	
8	Hodgdon Perfect Pattern	Hodgdon	
9	Hodgdon Titewad	Hodgdon	
10	Scot Royal D	Scot	
11	Ramshot Competition	Ramshot	
12	Vectan BA 10	Vectan	
13	RS12	Reload Swiss	
14	Alliant Red Dot	Alliant	
15	Winchester AA Plus	Winchester	
16	Alliant Promo	Alliant	
17	Hodgdon Clays	Hodgdon	
18	IMR Red	IMR	
19	Alliant Clay Dot	Alliant	
20	Hodgdon Hi-Skor 700-X	Hodgdon	
21	Alliant Bullseye	Alliant	
22	IMR Target	IMR	
23	Alliant Sport Pistol	Alliant	
24	Hodgdon High Gun	Hodgdon	
25	Hodgdon Titegroup	Hodgdon	
26	Alliant American Select	Alliant	
27	Accurate Solo 1000	Accurate	
28	Scot Red Diamond	Scot	
29	Vectan AS	Vectan	
30	Alliant Green Dot	Alliant	
31	IMR Green	IMR	
32	Winchester WST	Winchester	
33	Hodgdon Trail Boss	Hodgdon	
34	Winchester Super Handicap	Winchester	
35	Shooters World Clean Shot	Shooters World	Lovex D032-03
36	Hodgdon International	Hodgdon	
37	Accurate Solo 1250	Accurate	
38	IMR PB	IMR	
39	Vihtavuori N320	Vihtavuori	
40	Accurate No. 2	Accurate	
41	Ramshot Zip	Ramshot	
42	RS14	Reload Swiss	
43	IMR SR-7625	IMR	
44	Vihtavuori N32C Tin Star	Vihtavuori	
45	Vectan AO	Vectan	
46	Winchester 452AA	Winchester	
47	Scot 453	Scot	
48	Hodgdon HP-38	Hodgdon	Winchester 231
49	Winchester 231	Winchester	Hodgdon HP-38
50	Alliant 20/28	Alliant	
51	Winchester 244	Winchester	
52	Hodgdon HS-5	Hodgdon	
53	Winchester WSL	Winchester	
54	Alliant Unique	Alliant	
55	Hodgdon Universal	Hodgdon	
56	Vectan Ba 9	Vectan	
57	Alliant Power Pistol	Alliant	
58	Shooters World Ultimate Pistol	Shooters World	Lovex D036-07
59	Vihtavuori N330	Vihtavuori	
60	Vectan A1	Vectan	
61	Alliant Herco	Alliant	
62	RS20	Reload Swiss	

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63	Vectan A0	Vectan	
64	Winchester WSF	Winchester	
65	Shooters World Auto Pistol	Shooters World	Lovex D036-03
66	Winchester WAP	Winchester	
67	Vihtavuori N340	Vihtavuori	
68	Alliant BE-86	Alliant	
69	Accurate No. 5	Accurate	
70	Hodgdon HS-6	Hodgdon	
71	Winchester 540	Winchester	
72	Winchester Autocomp	Winchester	
73	Hodgdon CFE Pistol	Hodgdon	
74	Ramshot True Blue	Ramshot	
75	Ramshot Silhouette	Ramshot	
76	Scot Solo 1500	Scot	
77	Vectan Ba 9½	Vectan	
78	Hodgdon Hi-Skor 800-X	Hodgdon	
79	IMR SR-4756	IMR	
80	Vihtavuori 3N37	Vihtavuori	
81	Vihtavuori N350	Vihtavuori	
82	Vihtavuori 3N38	Vihtavuori	
83	Winchester 571	Winchester	
84	Hodgdon HS-7	Hodgdon	
85	IMR Blue	IMR	
86	Winchester 572	Winchester	
87	Shooters World Major Pistol	Shooters World	Lovex D037-01
88	Alliant Blue Dot	Alliant	
89	Vectan SP2	Vectan	
90	Accurate No. 7	Accurate	
91	Alliant Pro Reach	Alliant	
92	RS24	Reload Swiss	
93	Hodgdon Longshot	Hodgdon	
94	Alliant 410	Alliant	
95	Accurate TCM	Accurate	
96	Alliant 2400	Alliant	
97	Ramshot Enforcer	Ramshot	
98	Vihtavuori N105	Vihtavuori	
99	Accurate No. 9	Accurate	
100	Accurate 4100	Accurate	
101	Scot 4100	Scot	
102	Alliant Steel	Alliant	
103	Norma R123	Norma	
104	Shooters World Heavy Pistol	Shooters World	Lovex D037-02
105	Vihtavuori N110	Vihtavuori	
106	Hodgdon Lil'Gun	Hodgdon	
107	Hodgdon H-110	Hodgdon	Winchester 296
108	Winchester 296	Winchester	Hodgdon H-110
109	RS30	Reload Swiss	
110	Accurate No. 11 FS	Accurate	
111	IMR-4227	IMR	
112	Hodgdon H-4227	Hodgdon	
113	IMR SR-4759	IMR	
114	Alliant Power Pro 300-MP	Alliant	
115	Accurate 5744	Accurate	
116	Shooters World Buffalo Rifle	Shooters World	Lovex D060-01
117	Accurate 1680	Accurate	
118	Shooters World Blackout	Shooters World	Lovex D063-02
119	Accurate LT-30	Accurate	
120	Hodgdon CFE BLK	Hodgdon	
121	Vectan SP3	Vectan	
122	Winchester 680	Winchester	
123	Norma 200	Norma	
124	Scot Brig 3032	Scot	

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125	Accurate 2200	Accurate	
126	Alliant Reloder 7	Alliant	
127	Accurate LT-32	Accurate	
128	IMR-4198	IMR	
129	RS36	Reload Swiss	
130	Vectan Tubal 2000	Vectan	
131	Hodgdon H-4198	Hodgdon	
132	Shooters World SOCOM	Shooters World	Lovex D063-01
133	Vihtavuori N120	Vihtavuori	
134	Norma 201	Norma	
135	Alliant Power Pro 1200-R	Alliant	
136	Vihtavuori N130	Vihtavuori	
137	Hodgdon H-322	Hodgdon	
138	Rottweil R901	Rottweil	
139	Accurate 2015BR	Accurate	
140	Alliant Reloder 10X	Alliant	
141	IMR-3031	IMR	
142	Vihtavuori N133	Vihtavuori	
143	Scot Brig 322	Scot	
144	Hodgdon Benchmark	Hodgdon	
145	Hodgdon H-335	Hodgdon	
146	Ramshot X-Terminator	Ramshot	
147	Shooters World AR Plus	Shooters World	Lovex D073-04
148	Rottweil R902	Rottweil	
149	Accurate 2230	Accurate	
150	Accurate 2460	Accurate	
151	IMR 8208 XBR	IMR	
152	Alliant AR-Comp	Alliant	
153	RS40	Reload Swiss	
154	Vectan Tubal 3000	Vectan	
155	Ramshot TAC	Ramshot	
156	Alliant Power Pro Varmint	Alliant	
157	Hodgdon H-4895	Hodgdon	
158	Vihtavuori N530	Vihtavuori	
159	IMR-4895	IMR	
160	Scot Brig 4065	Scot	
161	Vihtavuori N135	Vihtavuori	
162	Alliant Reloder 12	Alliant	
163	Accurate 2495	Accurate	
164	IMR-4166	IMR	
165	IMR-4064	IMR	
166	Norma 202	Norma	
167	Accurate 4064	Accurate	
168	Alliant AR Comp	Alliant	
169	Rottweil R903	Rottweil	
170	Shooters World Tactical Rifle	Shooters World	Lovex D073-05/08
171	Accurate 2520	Accurate	
172	Alliant Reloder 15	Alliant	
173	Norma 203B	Norma	
174	Shooters World Match Rifle	Shooters World	Lovex D073-06
175	RS50	Reload Swiss	
176	Vihtavuori N140	Vihtavuori	
177	Shooters World Precision	Shooters World	Lovex S062-02
178	Hodgdon Varget	Hodgdon	
179	IMR-4320	IMR	
180	Winchester 748	Winchester	
181	Winchester StaBALL Match	Winchester	
182	Hodgdon BL-C(2)	Hodgdon	
183	Vihtavuori N540	Vihtavuori	
184	Hodgdon CFE 223	Hodgdon	
185	Alliant Reloder 15.5	Alliant	
186	Alliant Power Pro 2000-MR	Alliant	

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187	Hodgdon LEVERevolution	Hodgdon	
188	RS52	Reload Swiss	
189	Hodgdon H-380	Hodgdon	
190	IMR-4007 SSC	IMR	
191	Ramshot Big Game	Ramshot	
192	Vectan Tubal 5000	Vectan	
193	Vihtavuori N150	Vihtavuori	
194	Scot Brig 4351	Scot	
195	Shooters World Long Rifle	Shooters World	Lovex S065-01
196	Alliant Power Pro 4000-MR	Alliant	
197	Winchester H-414	Hodgdon	Winchester 760
198	Winchester 760	Winchester	Hodgdon H-414
199	Accurate 2700	Accurate	
200	Norma URP	Norma	
201	RS60	Reload Swiss	
202	Vihtavuori N550	Vihtavuori	
203	Rottweil R904	Rottweil	
204	IMR-4350	IMR	
205	RS62	Reload Swiss	
206	IMR-4451	IMR	
207	Alliant Reloder 16	Alliant	
208	Hodgdon H-4350	Hodgdon	
209	Alliant Reloder 17	Alliant	
210	Vectan Tubal 7000	Vectan	
211	Accurate 4350	Accurate	
212	Shooters World SW4350	Shooters World	Lovex S070-05
213	Norma 204	Norma	
214	Hodgdon Hybrid 100V	Hodgdon	
215	Winchester StaBALL 6.5	Winchester	
216	Hodgdon Superformance	Hodgdon	
217	Alliant Reloder 19	Alliant	
218	IMR-4831	IMR	
219	Ramshot Hunter	Ramshot	
220	Scot Brig 4831	Scot	
221	Vihtavuori N160	Vihtavuori	
222	Shooters World S071	Shooters World	Lovex S071
223	Vihtavuori N555	Vihtavuori	
224	Winchester WMR	Winchester	
225	Norma 205	Norma	
226	Accurate 3100	Accurate	
227	Hodgdon H-4831 & H-4831 SC	Hodgdon	
228	Vihtavuori N560	Vihtavuori	
229	Rottweil R905	Rottweil	
230	Vectan Tubal 8000	Vectan	
231	IMR-4955	IMR	
232	Norma MRP	Norma	
233	Alliant Reloder 22	Alliant	
234	RS70	Reload Swiss	
235	Winchester WXR	Winchester	
236	Norma MRP2	Norma	
237	Alliant Reloder 23	Alliant	
238	Vihtavuori N165	Vihtavuori	
239	IMR-7828SSC	IMR	
240	Alliant Reloder 25	Alliant	
241	Vihtavuori N565	Vihtavuori	
242	Vihtavuori N170	Vihtavuori	
243	Winchester 785	Winchester	
244	RS76	Reload Swiss	
245	Hodgdon H-450	Hodgdon	
246	Accurate MagPro	Accurate	
247	IMR-7977	IMR	
248	Alliant Reloder 26	Alliant	

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249	Hodgdon H-1000	Hodgdon	
250	Ramshot Grand	Ramshot	
251	Ramshot Magnum	Ramshot	
252	Norma 217	Norma	
253	Hodgdon Retumbo	Hodgdon	
254	Winchester StaBALL HD	Winchester	
255	IMR-8133	IMR	
256	Vihtavuori N568	Vihtavuori	
257	Ramshot LRT	Ramshot	
258	Vihtavuori N570	Vihtavuori	
259	Accurate 8700	Accurate	
260	RS80	Reload Swiss	
261	Alliant Reloder 33	Alliant	
262	Hodgdon H-870	Hodgdon	
263	Vihtavuori 24N41	Vihtavuori	
264	Hodgdon H-50BMG	Hodgdon	
265	Hodgdon US869	Hodgdon	
266	Shooters World BMG	Shooters World	Lovex D100-01
267	Alliant Reloder 50	Alliant	
268	Vihtavuori 20N29	Vihtavuori	

Burn rate charts can never reflect the differences between powders in the correct proportion and can only place powders in approximate burn rate envelopes.

NEVER USE THESE TO DETERMINE/CALCULATE LOADS. ALWAYS REFER TO REPUTABLE LOAD GUIDES/MANUALS SUCH AS LOADDATA.COM.