

## CARTRIDGE: 7 mm Rem Ultra Mag

Bullet: .284, 151, Flatline

Useable Case Capacity: 104.588 grain H<sub>2</sub>O = 6.791 cm<sup>3</sup>

Cartridge O.A.L. L6: 3.850 inch = 97.79 mm

Barrel Length: 31.0 inch = 787.4 mm



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*Predicted Data for Indicated Charges of the Following Powders.*

Matching Maximum Pressure: 55839 psi, or 385 Mpa

These calculations refer to your specified settings in QuickLOAD 'Cartridge Dimensions' window.

**CAUTION:** any load listed can result in a powder charge that falls below minimum suggested loads or exceeds maximum suggested loads as presented in current handloading manuals. Understand that all of the listed powders can be unsuitable for the given combination of cartridge, bullet and gun. Actual load order can vary, depending upon lot-to-lot powder and component variations.

While none of the following loads should yield pressure signs, we recommend a 2 to 3 grain reduction in the load prior to starting your ladder test(s) **USE ONLY FOR COMPARISON**

Type	mc (gr)	fill (%)	vel (fps)	Pmax (psi)	Z (%)	t (ms)	Pmuz (psi)
ADI AR 2218	96.6036	94.0000	3338.8439	55839.5071	99.9989	1.4880	12819.7640
Vihtavuori N570	91.0584	90.0000	3290.3189	55839.5071	99.7856	1.5176	12574.7411
ReloadSwiss RS 80	96.6535	92.0000	3267.5344	55839.5071	99.9976	1.5285	12230.5421
Alliant Reloder-33	95.4396	91.0000	3266.8496	55839.5071	99.9088	1.5281	12345.3170
Alliant Reloder-50	99.1707	95.0000	3255.0070	55839.5071	99.7922	1.5638	12572.4604
Hodgdon H870	94.6940	95.0000	3252.0320	55839.5071	100.0000	1.5303	11937.6623
Norma 217	89.7441	95.0000	3224.9909	55839.5071	100.0000	1.5400	11092.9057
IMR 7828	80.9399	86.0000	3223.5154	55839.5071	100.0000	1.4871	10905.5541
ADI AR 2225	89.8621	93.0000	3222.9139	55839.5071	100.0000	1.5128	10814.6596
Hodgdon Retumbo	89.8621	93.0000	3222.9139	55839.5071	100.0000	1.5128	10814.6596
Norma MRP 2	85.7726	89.0000	3216.9275	55839.5071	100.0000	1.5223	11092.0480
Bofors RP30	85.7726	89.0000	3216.9275	55839.5071	100.0000	1.5223	11092.0480
Hodgdon 50BMG	96.1662	98.0000	3216.2164	55839.5071	94.2420	1.5100	12325.5486
Vihtavuori 24N41	95.7786	93.0000	3211.2977	55839.5071	97.1055	1.5018	11928.3326
ADI AP 2214	86.3749	86.0000	3203.2934	55839.5071	100.0000	1.4917	10633.1343
Accurate 8700	100.5672	100.0000	3201.2010	55839.5071	99.7874	1.5231	11458.1032
ADI AR 2217	86.5558	91.0000	3200.7235	55839.5071	100.0000	1.4919	10603.2342
Hodgdon H1000	86.5558	91.0000	3200.7235	55839.5071	100.0000	1.4919	10603.2342
Winchester WXR	81.1141	85.0000	3197.8569	55839.5071	100.0000	1.5033	10725.8423
Bofors RP15	81.1141	85.0000	3197.8569	55839.5071	100.0000	1.5033	10725.8423
Vihtavuori 20N29	103.6393	100.0000	3196.3103	55839.5071	98.8478	1.5447	11892.7124
Hodgdon US 869	100.4038	98.0000	3192.3650	55839.5071	97.2061	1.5239	11897.6936
Alliant Reloder-25	83.3333	87.0000	3185.7021	55839.5071	100.0000	1.5101	10331.4860
SNPE Vectan SP 13	97.9721	99.0000	3181.6888	55839.5071	99.5963	1.5351	11410.9468
Hodgdon H4831	80.3780	86.0000	3164.8437	55839.5071	100.0000	1.4847	10395.4582
Vihtavuori N170	89.3928	94.0000	3157.4376	55839.5071	99.2060	1.5201	11036.0866
Lovex D100	94.9410	92.0000	3139.9380	55839.5071	97.4905	1.5153	11042.1955
Vihtavuori N160	79.6563	86.0000	3120.3350	55839.5071	100.0000	1.4868	9816.9497
Vihtavuori N165	81.5993	86.0000	3108.5225	55839.5071	100.0000	1.5062	9609.0164
Lovex S071	80.3569	88.0000	3091.2917	55839.5071	100.0000	1.5378	9478.7440