

CARTRIDGE: 6.5 x 47 Lapua

Bullet: .264, 121, Flatline

Useable Case Capacity: 40.808 grain H₂O = 2.650 cm³

Cartridge O.A.L. L6: 2.725 inch = 69.22 mm

Barrel Length: 26.0 inch = 660.4 mm



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Predicted Data for Indicated Charges of the Following Powders.

Matching Maximum Pressure: 55204 psi, or 380 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) |
|---------------------|---------|----------|-----------|------------|----------|--------|------------|
| ReloadSwiss RS 52 | 38.8394 | 100.0000 | 3109.2913 | 55204.9673 | 99.8895 | 1.1581 | 7724.1175 |
| Hodgdon CFE223 | 39.1614 | 93.0000 | 3093.0528 | 55204.9673 | 99.3102 | 1.1570 | 7762.7253 |
| Ramshot Big Game | 39.6624 | 99.0000 | 3087.8858 | 55204.9673 | 98.9237 | 1.1566 | 7748.1938 |
| IMR 4895 | 36.9727 | 98.0000 | 3080.8903 | 55204.9673 | 99.0928 | 1.1695 | 7765.3505 |
| Hodgdon BL-C2 | 38.5326 | 94.0000 | 3071.8445 | 55204.9673 | 99.6607 | 1.1706 | 7621.8162 |
| Winchester 748 | 36.9573 | 91.0000 | 3069.6181 | 55204.9673 | 99.9380 | 1.1631 | 7366.0074 |
| Norma 203B | 37.4677 | 100.0000 | 3068.3693 | 55204.9673 | 99.0529 | 1.1709 | 7669.4733 |
| IMR 3031 | 34.8574 | 99.0000 | 3066.6846 | 55204.9673 | 100.0000 | 1.1659 | 6976.9399 |
| Raufoss RA11 | 37.2614 | 99.0000 | 3066.2272 | 55204.9673 | 98.6634 | 1.1708 | 7691.8962 |
| Alliant Reloder-15 | 37.2614 | 99.0000 | 3066.2272 | 55204.9673 | 98.6634 | 1.1708 | 7691.8962 |
| Hodgdon H4895 | 35.8638 | 95.0000 | 3051.4542 | 55204.9673 | 99.3479 | 1.1730 | 7494.7179 |
| Ramshot Wild Boar | 37.7170 | 94.0000 | 3048.5434 | 55204.9673 | 98.9587 | 1.1678 | 7524.3793 |
| Lovex D073.6 | 37.3186 | 96.0000 | 3046.0942 | 55204.9673 | 100.0000 | 1.1828 | 7164.4615 |
| Accurate 2520 | 37.3186 | 94.0000 | 3046.0942 | 55204.9673 | 100.0000 | 1.1828 | 7164.4615 |
| ADI AR 2206H | 35.9669 | 96.0000 | 3044.9860 | 55204.9673 | 99.0061 | 1.1735 | 7502.6797 |
| SNPE Vectan SP 9 | 37.4090 | 96.0000 | 3037.5709 | 55204.9673 | 98.9716 | 1.1695 | 7441.1526 |
| Hodgdon H380 | 38.4361 | 100.0000 | 3034.9911 | 54468.9227 | 97.3908 | 1.1826 | 7667.7871 |
| Accurate 2495 | 35.2193 | 96.0000 | 3034.4241 | 55204.9673 | 100.0000 | 1.2063 | 6877.9012 |
| PB Clermont PCL 516 | 38.6692 | 96.0000 | 3034.3912 | 55204.9673 | 97.4338 | 1.1692 | 7571.5730 |
| PB Clermont PCL 507 | 36.4079 | 93.0000 | 3032.7545 | 55204.9673 | 99.6685 | 1.1715 | 7281.8970 |
| Somchem S321 | 36.8570 | 91.0000 | 3031.2150 | 55204.9673 | 99.7590 | 1.1779 | 7308.5753 |
| SNPE Vectan SP 11 | 38.8450 | 100.0000 | 3029.5759 | 51296.3709 | 98.4458 | 1.1931 | 7719.1345 |
| Lovex S062 | 36.5909 | 100.0000 | 3025.3816 | 55204.9673 | 99.6927 | 1.1822 | 7232.0642 |
| Norma 203 old | 38.0272 | 100.0000 | 3025.0237 | 52370.2555 | 99.3291 | 1.2062 | 7559.1517 |
| Bofors RP3 | 38.0272 | 100.0000 | 3025.0237 | 52370.2555 | 99.3291 | 1.2062 | 7559.1517 |
| IMR 4320 | 37.0050 | 100.0000 | 3021.1289 | 53626.3560 | 98.6956 | 1.1707 | 7366.9188 |
| Vihtavuori N540 | 37.4608 | 99.0000 | 3021.1103 | 55204.9673 | 100.0000 | 1.1759 | 7084.3020 |
| Somchem S341 | 38.3213 | 95.0000 | 3019.9197 | 55204.9673 | 98.8931 | 1.1706 | 7247.6501 |

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|---------------------|---------|----------|-----------|------------|----------|--------|-----------|
| Norma 202 | 35.6011 | 96.0000 | 3019.4659 | 55204.9673 | 100.0000 | 1.1779 | 6956.1730 |
| SNPE Vectan SP 7 | 38.1664 | 95.0000 | 3012.3268 | 55204.9673 | 97.3667 | 1.1814 | 7392.7839 |
| Norma 201 | 35.5985 | 97.0000 | 3012.0604 | 55204.9673 | 99.6715 | 1.1881 | 7185.0300 |
| Alliant Reloder-17 | 39.4584 | 100.0000 | 3011.5227 | 46892.4491 | 98.2013 | 1.2262 | 8115.4377 |
| Elcho 17 | 39.4584 | 100.0000 | 3011.5227 | 46892.4491 | 98.2013 | 1.2262 | 8115.4377 |
| ReloadSwiss RS 50 | 39.0512 | 100.0000 | 3011.5117 | 55204.9673 | 95.8079 | 1.1759 | 7495.2741 |
| Accurate 4064 | 36.8006 | 100.0000 | 3009.3836 | 52433.5364 | 100.0000 | 1.2278 | 7127.9330 |
| Ramshot TAC | 37.8409 | 93.0000 | 3005.3195 | 55204.9673 | 96.8352 | 1.1753 | 7422.0423 |
| Rottweil R902 | 35.7557 | 99.0000 | 3002.1169 | 55204.9673 | 99.6554 | 1.1895 | 7092.3181 |
| ReloadSwiss RS 60 | 39.4584 | 100.0000 | 3001.8141 | 45702.7209 | 98.7693 | 1.2371 | 8213.3591 |
| Accurate 2460 | 36.2853 | 90.0000 | 3001.6494 | 55204.9673 | 99.9182 | 1.1931 | 6969.3103 |
| Lovex D073.5 | 36.2853 | 90.0000 | 3001.6494 | 55204.9673 | 99.9182 | 1.1931 | 6969.3103 |
| Accurate 2230 | 36.3602 | 89.0000 | 2991.0289 | 55204.9673 | 99.3827 | 1.1858 | 7001.3221 |
| Rottweil R901 | 33.8001 | 95.0000 | 2990.9782 | 55204.9673 | 100.0000 | 1.1998 | 6828.2698 |
| Lovex D073.4 | 35.6139 | 88.0000 | 2988.6887 | 55204.9673 | 99.9000 | 1.1893 | 6857.8643 |
| Hodgdon H414 | 39.7855 | 100.0000 | 2979.0680 | 48489.4497 | 93.4422 | 1.2220 | 7878.3134 |
| Winchester 760 | 39.7855 | 100.0000 | 2979.0680 | 48489.4497 | 93.4422 | 1.2220 | 7878.3134 |
| IMR 4064 | 35.5330 | 100.0000 | 2958.0140 | 52031.5451 | 98.1718 | 1.2020 | 7130.4558 |
| Somchem S355 | 36.8006 | 100.0000 | 2954.7998 | 49601.1319 | 98.6204 | 1.2341 | 7351.3058 |
| Accurate 2015 | 33.0690 | 92.0000 | 2953.4040 | 55204.9673 | 100.0000 | 1.1953 | 6263.9306 |
| Rottweil R903 | 37.2095 | 100.0000 | 2951.2294 | 48627.7252 | 98.6498 | 1.2466 | 7374.2717 |
| IMR 4007 SSC | 38.1499 | 100.0000 | 2946.6507 | 52498.4245 | 93.5921 | 1.2072 | 7352.6972 |
| Norma 200 | 31.4648 | 86.0000 | 2939.4241 | 55204.9673 | 100.0000 | 1.2055 | 6148.5174 |
| Vihtavuori N550 | 38.4361 | 100.0000 | 2916.2184 | 44729.6456 | 95.5547 | 1.2726 | 7726.1055 |
| PB Clermont PCL 511 | 40.0717 | 100.0000 | 2909.9450 | 44793.0944 | 93.2524 | 1.2635 | 7763.3609 |
| Accurate 2700 | 39.2539 | 100.0000 | 2894.7103 | 52900.8180 | 93.2624 | 1.2111 | 6897.8275 |
| Vihtavuori N135 | 34.1019 | 100.0000 | 2875.0163 | 47256.2751 | 100.0000 | 1.2623 | 6381.9123 |
| Bofors RP7 | 36.9232 | 100.0000 | 2852.9094 | 47377.8423 | 92.1230 | 1.2636 | 7118.6656 |
| Rottweil R907 | 36.9232 | 100.0000 | 2852.9094 | 47377.8423 | 92.1230 | 1.2636 | 7118.6656 |
| ReloadSwiss RS 62 | 39.4175 | 100.0000 | 2841.5051 | 40017.7302 | 93.7729 | 1.3288 | 7665.1764 |
| Lovex S065 | 36.8006 | 100.0000 | 2828.6509 | 45060.7754 | 94.1334 | 1.2931 | 7082.4740 |
| Norma URP | 37.2095 | 100.0000 | 2824.3376 | 40486.9329 | 94.2906 | 1.3237 | 7427.2650 |
| Accurate 4350 | 37.6184 | 100.0000 | 2812.7777 | 39293.8924 | 94.1801 | 1.3529 | 7485.8694 |
| Ramshot Hunter | 38.8450 | 100.0000 | 2807.9311 | 40325.9136 | 91.4763 | 1.3256 | 7470.5916 |
| Norma 204 | 38.8450 | 100.0000 | 2797.7140 | 42416.9338 | 87.8428 | 1.3008 | 7232.9179 |
| Lovex S070 | 37.2095 | 100.0000 | 2795.1361 | 42640.8088 | 91.7583 | 1.3225 | 7134.8212 |
| Vihtavuori N150 | 35.4921 | 100.0000 | 2782.0315 | 42105.6863 | 98.3475 | 1.3219 | 6717.9633 |
| Alliant Reloder-16 | 36.6370 | 100.0000 | 2772.5953 | 36971.1402 | 94.2136 | 1.3717 | 7426.9893 |
| IMR 4350 | 37.4139 | 100.0000 | 2770.9733 | 42166.7991 | 90.1967 | 1.3111 | 6931.8007 |
| Somchem S365 | 37.4139 | 100.0000 | 2767.0186 | 36012.3683 | 96.6252 | 1.3832 | 7438.3031 |
| ReloadSwiss RS 70 | 40.0717 | 100.0000 | 2727.8320 | 37414.2273 | 87.0776 | 1.3702 | 7525.8815 |
| Hodgdon Hybrid 100V | 36.3917 | 100.0000 | 2722.2742 | 37209.6020 | 95.2997 | 1.3737 | 6879.1758 |
| Hodgdon H4350 | 36.8006 | 100.0000 | 2717.6235 | 39828.1973 | 89.0200 | 1.3452 | 6780.5094 |
| Raufoss RA4 | 37.6184 | 100.0000 | 2700.5663 | 38268.9492 | 85.8547 | 1.3632 | 6935.4968 |