



## 284 Winchester

<b>.284"</b>	<b>7mm</b>
	<b>Grand Slam®</b>
	<b>SP/CANN</b>
<b>Weight (grains)</b>	175
<b>Ballistic Coefficient</b>	0.436
<b>Sectional Density</b>	0.310
<b>COAL Tested</b>	2.800"
<b>Speer Part No.</b>	1643

Propellant	Case	Primer	START CHARGE		MAXIMUM CHARGE	
			Weight (grains)	Muzzle Velocity (feet/sec)	Weight (grains)	Muzzle Velocity (feet/sec)
<b>IMR 4831</b>	Winchester	CCI 200	49.0	2475	<b>53.0 C</b>	2669
<b>IMR 4350</b>	Winchester	CCI 200	48.0	2451	<b>52.0 C</b>	2648
<b>Winchester 760</b>	Winchester	CCI 250	45.0	2293	<b>49.0</b>	2519
<b>IMR 4064</b>	Winchester	CCI 200	38.5	2184	<b>42.5</b>	2414
<b>IMR 4320</b>	Winchester	CCI 200	38.0	2106	<b>42.0</b>	2334
<b>IMR 4198 (reduced load)</b>	Winchester	CCI 200	24.0	1669	<b>28.0</b>	1958

**WARNING:** Improper handloading practices can result in serious personal injury and/or property damage. Refer to the current SPEER® Reloading Manual for handloading instructions. Be thoroughly familiar with those instructions before using these loads. As Vista Outdoor Operations LLC has no control over individual handloading practices or the condition of firearms in which the resulting ammo may be used, we disclaim all liability for any damages that may result from the use of this information.

*Maximum loads should be used with CAUTION • C = Compressed Load*