

Since we do not have any specific lab tested data on this caliber, we can provide you with some guideline, based on calculations and information from other sources.

Caliber: **.450 3¼” BPE- NE (Nitro Express).**

Bullet diameter: .458”/11.6mm

Pressure specification: <44236psi /3050bar (CIP)

Case Volume (Total): ca 8.83cc/136grsH2O

Case length: 3.25”/82.55mm

Barrel: 24”

Powder: **Accurate -- 5744®**

Bullet weight: 240-250 grains

Low load: 55.0grains (1850 – 1950 Fps)

Mid Range load: 66.0grains (2275 – 2375 Ft/p/sec)

Maximum load: 77.0grains (2600 – 2700 Ft/p/sec)

Bullet weight: 350 grains

Low load: 46.0grains (1750 – 1850 Ft/p/sec)

Mid Range load: 56.0grains (2050 – 2150 Ft/p/sec)

Maximum load: 66.0grains (2350 – 2450 Ft/p/sec)

Bullet weight: 370 grains

Low load: 45.0grains (1650 – 1750 Ft/p/sec)

Mid Range load: 54.0grains (1975 – 2050 Ft/p/sec)

Maximum load: 64.0grains (2225 – 2325 Ft/p/sec)

Bullet weight: 400-405 grains

Low load: 44.0grains (1600 – 1700 Ft/p/sec)

Mid Range load: 53.0grains (1850 – 1950 Ft/p/sec)

Maximum load: 62.0grains (2100 – 2200 Ft/p/sec)

Bullet weight: 500-520 grains

Low load: 40.0grains (1475 – 1575 Ft/p/sec)

Mid Range load: 48.0grains (1675 – 1775 Ft/p/sec)

Maximum load: 57.0grains (1900 – 2000 Ft/p/sec)

Powder: **Accurate -- 4350®**

Bullet weight: 350 grains

Start load: 99.0grains (2300 – 2400 Ft/p/sec)

Maximum load: 110.0grains (2575 – 2675 Ft/p/sec)

Bullet weight: 370 grains

Start load: 96.3 grains (2225 – 2350 Ft/p/sec)

Maximum load: 107.0grains (2475 – 2550 Ft/p/sec)

Bullet weight: 400-405 grains

Start load: 94.0grains (2175 – 2275 Ft/p/sec)

Maximum load: 104.0grains (2400 – 2500 Ft/p/sec)

Bullet weight: 500-520 grains

Start load: 85.0grains (1900 – 2000 Ft/p/sec)

Maximum load: 95.0grains (2150 – 2250 Ft/p/sec)

NOTES:

It' important to note that SAFETY is our prime concern therefore we strongly recommend.

1. **ALWAYS BEGIN LOADING AT THE RECOMMENDED MINIMUM “START” LOAD and develop loads in 2% increments towards the MAXIMUM load.**

2. **CAUTION: Beware of double charging if the loading density is below 50% of the available volume.**

Examples:

➤ **Most Handgun caliber/powder combinations as well as**

➤ **A-5744 with reduced loads for rifles.**

3. **If possible, measure the velocity and correlate with our data.**