



## PRODUCT DATA SHEET

PT3504H

VERSION 5



### OVERVIEW

## Brass Ammunition

Code: PT3504H

Projectile Weight: 154 grains

**7.62 x 51mm (0.308") Special Purpose 2**

### Description

The Primetake Omega Sniper Ammunition has been designed as a highly accurate long range round, intended for use in high quality rifle/scope combinations of bolt action and semi-automatic rifles. For use where accuracy is a primary requirement.

Primetake's Omega Sniper range is manufactured with the highest quality components to the tightest tolerances achievable. Each production lot undergoes meticulous load development to guarantee optimised accuracy, velocity and minimal velocity spread thus resulting in a range of sniper ammunition that enjoys unrivaled hit probability at extreme ranges. Performance is dependent on the quality and specification of the selected firearm and atmospheric conditions.

This cartridge is designed to penetrate glass whilst maintaining the original point of aim and achieving high mass retention ( $\geq 90\%$  MR).

Range Safety Template available on request.

### SPECIFICATION

Projectile Material: Solid Copper

Case Material: CuZn Alloy

Operational Temperatures:  $-54^{\circ}\text{C}$  to  $+63^{\circ}\text{C}$

Safety Temperatures:  $-54^{\circ}\text{C}$  to  $+71^{\circ}\text{C}$

Muzzle Velocity:  $\geq 800$  m/s

Accuracy:  $\leq 1$  M.O.A

Penetration: Glass and common barriers

Ballistic Coefficient: G1 - 0.322

Mean Chamber Pressure:  $\leq 4150$  Bar

Range: 800m

Optimal Barrel Twist Rate: 1:12

Propellant Type: Double Based (single base available)

Primer Type: Large Rifle Berdan (Boxer available)

Weapon Compatibility: CIP / SAAMI

### TRANSPORT & PACKAGING DETAILS

Packaging: M2A1

Dimensions mm: 306x156x192

Qty per Outer Pack: 400

Gross Weight: 12.76kg

Maximum NEQ: 1.235kg

Proper Shipping Name: Cartridges, small arms

UN Serial Number: 0012

Hazard Class: 1.4S

Shelf Life: 10 years under controlled conditions

Storage requirements: To remain within original packaging, stored between  $+5^{\circ}\text{C}$  to  $+30^{\circ}\text{C}$  with a relative humidity not exceeding 70%.

Storage outside of these conditions will not be warranted and may reduce the shelf life and lead to the articles not functioning as intended.

Find out more

[sales@primetake.com](mailto:sales@primetake.com)

We are constantly reviewing our products. All specifications are to be used as a guide and may vary so please check that the specification meets your requirements.