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PRODUCT DATA SHEET

PT4520E-6 | VERSION 1

OVERVIEW

Specialist Small Arms

Code: PT4520E

Projectile Weight: 110 grains

Cartridge, 300 AAC BLK - Operational

Description

The Primetake specialist 300 BLK range has been designed for assault rifles and high accuracy bolt-action rifles.

The Operational cartridge is designed for tactical use where barrier penetration and terminal effect in soft tissue are required.

The round features a 110 grain monolithic projectile – selected for its capabilities in barrier penetration and expansion in soft tissue. The polymer tip prevents blocking of the cavity and aids controlled expansion.

The round will consistently cycle quality weapon systems at extremes of temperature.

Primetake are able to work with customers to produce ballistic tables for specific weapon combinations.

Range Safety Template available on request.

SPECIFICATION

Projectile Material: Copper

Case Material: CuZn Alloy

Operational Temperatures: -54˚C to +52˚C

Safety Temperatures: -54˚C to +71˚C

Muzzle Velocity: 600 m/s approx. (6.75" Barrel)

Mean Chamber Pressure: ≤3700 Bar

Penetration: 12" - 18" 10% Ballistic Gel (FBI)

Range: 300m

Propellant Type: Nitrocellulose

Primer Type: Boxer - Small Rifle

Weapon Compatibility: 300 AAC BLK

TRANSPORT & PACKAGING DETAILS

Packaging: M2A1

Dimensions mm: 306x156x192

Qty per Outer Pack: 600

Gross Weight: 11.70kg

Maximum NEQ: 0.780kg

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 the original sealed package and be stored within a temperature controlled environment of +5˚C to +30˚C; relative humidity should not exceed 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

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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.