

LWAC

Logistical and Tactical Lightweight Plastic Ammunition cases for: Ammunition (small, medium and large-arms), Pyrotechnics, Explosives, Countermeasures, Flares, and Weapons, etc



Military certifications

- STANAG-4240/4241/4280/4375/4423
- MCMOPI-SECTION 27
- AECTP-400 EDITION 3
- MIL-STD-1904A
- DEF-STAN-0035/81-41

The LWAC incorporate the operational requirements for 2 years in operation and 20 years in storage as prescribed in the standards above, and the standardized requirements below.

“CLASS J”, according to DEF-STAN 81-41

- Storage for a minimum of 2 years world-wide with full weather protection
- Movement and handling by any means

“NATO Packaging Level – 1”, according to STANAG 4280

- Storage for 1 year outdoors in NATO worldwide
- Open or enclosed movement by land, air, or sea under operational conditions.

Multiple handling

The framework and principle set by: “NATO’s Life Cycle Model” AAP-200 United Nations (UN) and European Union (EU) certifications:

UN – ADR Dangerous Goods

- UN-V, 5,5kg, Packing group I, II and III
- UN-X, 13,5kg, Packing group I, II and III
- UN-Y, 21,5kg, Packing Group II and III

United Nations Transport of Dangerous Goods

- UN-6C (Transport of Dangerous Goods)”, “ADR2017”,
- EU Health and Safety Std. for Packaging Materials in Contact with Food
- EU-REGULATION 1999/177/EC and EU-DIRECTIVE 94/62/EC

UN Certifications:

- 4H2V-X5-5-S-2018-DK-ETi-18003
- 4H2-Y18-5-S-2018-DK-ETi-18004
- 4H2-Y21-5-S-2018-DK-ETi-15003

Hazard classifications:

1.4-S-1 with 12.7mm performed by NAMMO

1.4-S-1 with 7.62mm performed by

1.4-S-1 with 5.56mm performed by

Patents and design protection

All of PlastPack Defence IPR is protected globally on at compound, technology, production and design level. The name LWAC is trademarked. More information can be found on our website - www.ppddk.dk.

Outside measurements

Length: 306,5mm

Width: 154,8mm

Height: 192mm

Inside measurements

Length: 281mm

Width: 143mm

Height: 171mm

Technical

Weight: 780gram

Material: PP/PE

Straps: Nylon

Gasket: 2K in mould

Operational

- Swap weight and bring more bullet
- Polymer materials ensures handling with no risk of freezing or burned hands
- No risk of sparks
- No-noise lock
- Waterproof for <2m

Logistical

- Corrosion free (no metals)
- Optional RFID/NFC or GPS locator
- Same UN/ADR classification as steel case
- Approved up to 21,5kg/47pounds.
- Several colours available (e.g., for training, blanks, tracer, AP etc.)
- Suitable for weapons, explosives, pyrotechnics, flares etc.
- Smart lock feature with tamper proofing (TSA) for flights

Technical

- -54 to +71 Celsius
- 70% weight reduction
- Advanced materials
- ESD safe
- Reduced heat transfer and improved thermal capability
- Stacking knobs for safer transport cross and vertical
- UV blocker

Environmental

- Recyclable/easily disposable
- Reduced CO2 footprint in transport
- No dangerous paint applied
- Approved to the transportation of food and drinks

Health and safety

When submitted to fire the LWAC evaporates into non-harmful gasses, leaving the ammunition free to discharge at its lowest possible energy output. Any gasses from the ammunition will not be contained in a pressurized compartment and the packaging it-self will not become a danger to the user or their surroundings.