

122MM

Full Charge Propellant Bag

ADR122-FC200C



ADOR Defense is a renowned manufacturer of Propellant Bags used in Artillery & Tank Ammunition as well as other military / technical textile components used in various other ammunition systems.

Our Products are designed and manufactured by using high quality fabric, combined with an advanced coating material that leaves no residue in the cannon breech or chamber as well as making it easier to load by strengthening product body.

All of our Propellant Bags are designed in line with relevant military standards for each different type of material used including viscose and cotton. Our fabric design is based on anti-static and water-repellent characteristics tested in accredited laboratories, to enhance shelf life and resistance to rough handling.

As ADOR, we are able to customize each of our Products based on the fabric type, dimensions, coating or caliber difference, with high customer satisfaction from both domestic and international clients.

Our principal offerings include 155mm Propellant Bags (White, Red and Green), 152mm Full Charge & Reduced Charge and 122mm Full Charge & Reduced Charge Propellant Bags with both Viscose and Cotton fabric.

ADR122-FC200C

122mm Full Charge Propellant Bag

122mm Full Charge Propellant is a separate loading charge used in 122mm towed and / or self-propelled howitzers for achieving maximum range.

As ADOR Defense, we manufacture high quality Propellant Bags for both 122mm Full Charge and Reduced Charge artillery ammunition.

ADR122-FC200C is ADOR's 122mm Full Charge Propellant Bag based on 200gr / m2 Cotton weaving.

Compatible Howitzer / Cannons:

D-30 (2A18), D-74, M-30, M1974 (2S1 Gvozdika), 2S2 (Fialka), PLZ-07 (Type 07), 2S22 Bohdana





PERFORMANCE DATA

| EVALUATION TYPE | TEST STANDARD | PERFORMANCE REQUIREMENT |
|----------------------------------|----------------|---|
| MATERIAL IDENTIFICATION | TS 4739 | %100 Cotton |
| DIAMETER | - | 150 cm (Minimum) |
| WEIGHT | TS 251 | 210 gr/m ² (± 20) |
| END&PICKS | EN 1049-2 | WEFT 36 pcs/cm (Minimum) WARP 18 pcs/cm (Minimum) |
| DIMENSIONAL STABILITY TO WASHING | ISO 6330(4N) | WEFT ± 3 WARP ± 3 |
| TEAR STRENGTH | EN ISO 13937-4 | WEFT 20 Nw WARP 20 Nw |
| TENSILE STRENGTH | EN ISO 13934-1 | WEFT 400 Nw WARP 600 Nw |
| pH | ISO 3071 | 4.0-7.5 |
| WATER REPELLENT STRENGTH | EN ISO 4920 | 4 |
| SHELF LIFE | | 5 Years (Uncontrolled Storage) 10 Years (Controlled Storage) |