

# 155MM

## M4A2 Propellant Bag

### ADR155-W200V



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.

### ADR155-W200V

#### 155mm M4A2 Propellant Charge

The M4A2 (white bag) Propellant Charge is a separate loading charge used in 155mm howitzers for firing in Zones 3, 4, 5, 6, and 7.

**ADR155-W200V** is ADOR's 155mm M4A2 Propellant Bag based on 200gr / m2 Viscose weaving, coated with a special chemical compound to prevent residue in chamber / breech.

#### Compatible Howitzer / Cannons:

M1, M1A1, M45, M126,  
M126A1, M185, M199





## PERFORMANCE DATA

| EVALUATION TYPE                  | TEST STANDARD  | PERFORMANCE REQUIREMENT   |                      |
|----------------------------------|----------------|---|----------------------|
| DESIGN STANDARD                  |                | MIL-C-43157   |                      |
| MATERIAL IDENTIFICATION          | TS 4739        | %100 VISCOSE  |                      |
| DIAMETER                         | -              | 150 cm (Minimum)  |                      |
| WEIGHT                           | TS 251         | 200 gr/m <sup>2</sup> (±3 gr)                                   |                      |
| END&PICKS                        | EN 1049-2      | WEFT  | 30 pcs /cm (Minimum) |
|                                  |                | WARP  | 18 pcs /cm (Minimum) |
| DIMENTIONAL 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  | 443 Nw               |
|                                  |                | WARP  | 676 Nw               |
| pH                               | ISO 3071       | 4.0-7.5   |                      |
| WATER REPELLENT STRENGHT         | EN ISO 4920    | 4   |                      |
| SHELF LIFE                       |                | 5 Years (Uncontrolled Storage)<br>10 Years (Controlled Storage) |                      |