

INCH-POUND

MIL-C-70478 (AR)  
AMENDMENT 324 October 1991  
SUPERSEDINGAMENDMENT 2  
22 October 1990

## MILITARY SPECIFICATION

CONTAINER, AMMUNITION, METAL FOR CARTRIDGE,  
120MM, TANK AMMUNITION

This amendment forms a part of Military Specification MIL-C-70478 (AR), dated 8 September 1986 and is approved for use by the U. S. Army Armament, Munitions and Chemical Command and is available for use by all Departments and Agencies of the Department of Defense.

## PAGE 2

2.2: Under American Society for Testing and Materials (ASTM), delete: "ASTM - D412 - Tension Testing of Vulcanized Rubber, Standard Method of".

## PAGE 7

First article inspection: Under Examination or Test column:

First line, delete: "9386818", and substitute: "9344042".

Sixth line, delete: "9386829", and substitute: "12910349".

Ninth line, delete:

"c. Tensile stress (see note) 3 3.2 4.5.5".

Under Notes, delete:

"body tensile strength, spring tests and gasket tensile stress test"

And substitute: "body tensile strength and spring tests".

MIL-C-70478 (AR)  
AMENDMENT 3

PAGE 9

4.4.2.1: Under drawing number, delete: "9386817".

And substitute: "9344043".

Under next high assembly, delete: "9386820".

And substitute: "9344044".

PAGE 10

4.4.2.2: Under drawing number, delete: "9386818".

And substitute: "9344042".

Under next high assembly, delete: "9386820".

And substitute: "9344044".

\* Minor 204: Delete:

"Length from center of holes to lower edge of bend".

And substitute:

"Length from bottom edge to lower edge of bend".

PAGE 11

4.4.2.3: Under drawing number, delete: "9386819".

And substitute: "9344035".

Under next high assembly, delete: "9386820".

And substitute: "9344044".

\* Major 103: Delete: "True position of large hole".

And substitute: "True position of large hole and slot".

\* Major 104: Delete in its entirety.

\* Major 110: Delete: "Distance between center line...".

And substitute: "True position between center line...".

MIL-C-70478 (AR)  
AMENDMENT 3

PAGE 12

4.4.2.4: Under drawing number, delete: "9386820".

And substitute: "9344044".

PAGE 13

4.4.2.5: Under drawing number, delete: "9386823".

And substitute: "9344036".

\* Major 102: Delete:

"Location of shaft hexhole, 2 places".

And substitute: "True position of shaft hexhole, 2 places".

\* Major 103: Delete in its entirety.

PAGE 14

4.4.2.6: Under drawing number, delete: "9386816".

And substitute: "9344037".

PAGE 15

4.4.2.7: Under drawing number, delete: "9386814".

And substitute: "9344038".

PAGE 16

4.4.2.8: Under drawing number, delete: "9386813".

And substitute: "9344041".

PAGE 17

4.4.2.9: Cover 9386821

\* Major 107: Delete:

"Location of air test hole with outside diameter".

And substitute:

"Location of air test hole with center of cover".

MIL-C-70478 (AR)  
AMENDMENT 3

PAGE 18

4.4.2.10: Under drawing number, delete: "9386829".

And substitute: "12910349".

Delete:

"Major 102	Tensile stress	5	3.2	4.5.5"
"Major 108	Misalignment of joint	0.40%	3.2	Gage"
"Major 109	Diameter of hole in cross section	5	3.2	Gage".

PAGE 22

4.4.2.14:

Major 103: Delete in its entirety.

Major 105: Delete: "Inside dimension".

And substitute: "Dimension".

Major 106: Delete: "Inside dimension".

And substitute: "Dimension".

Minor 202: Delete in its entirety.

Minor 203: Delete in its entirety.

MIL-C-70478 (AR)  
AMENDMENT 3

PAGE 23

4.4.2.15:

Major 103: Delete in its entirety.

Major 104: Delete: "Inside dimension".

And substitute: "Dimension".

Minor 202: Delete in its entirety.

Minor 203: Delete in its entirety.

Minor 206: Delete: "Depth of Interlocking Cutouts".

And substitute:

"Depth from interlocking cutout to inside flat".

PAGE 25

4.4.2.17:

Major 103: Delete in its entirety.

Major 104: Delete in its entirety.

Major 105: Delete in its entirety.

PAGE 26

4.4.2.18

Minor 201: Delete in its entirety.

Minor 202: Delete in its entirety.

PAGE 27

4.4.2.19: Add:

"Major 109	Flatness of body	0.40%	3.2	Gage
"Major 110	Body end irregularities	0.40%	3.2	4.5.10
"Major 111	Depth of body weldment	0.40%	3.2	Gage".

PAGE 28

4.4.2.20: Add:

"Major 104	Inside diameter, minimum	0.40%	3.2	Gage".
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MIL-C-70478 (AR)  
AMENDMENT 3

PAGE 30

4.4.2.22:

Major 101: Delete: "weldnut" And substitute: "self clinching nut".

Minor 202: Delete in its entirety and substitute:

"202 Pushout force improper 0.65% 3.2 Gage".

Minor 203: Delete: "weldment".

And substitute: "self clinching nut".

PAGE 31

4.4.3.4 Spring embrittlement: Delete: "9386818".

And substitute: "9344042".

4.4.3.5 Hardness of spring: Delete: "9386818".

And substitute: "9344042".

4.4.3.6 Tensile stress of gasket: Delete in its entirety.

4.4.3.7 Hardness of gasket: Delete: "9386829".

And substitute: "12910349".

PAGE 32

4.5.5 Delete paragraph 4.5.5 in its entirety.

PAGE 33

4.5.10 Add:

"Body end irregularities. Visually inspect the body end for any nicks, dents, gouges, or mismatch. If a defect is evident, place a .01 inch diameter wire on the defect and a one inch long block over the wire with the wire nested in the irregularity, gently press down on the block and remove the wire. If there is no evidence of resistance caused by the block, the part shall be classed defective."

PAGE 34

6.1 Intended use. Delete: "Tactical".

MIL-C-70478 (AR)  
AMENDMENT 3

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