

| INCH-POUND |

MIL-C-28689A(YD)
AMENDMENT 3
19 March 1993
SUPERSEDING
AMENDMENT 2
28 January 1992

MILITARY SPECIFICATION

CONTAINERS, SHIPPING AND STORAGE, STEEL WALL (WITH AND WITHOUT CABINETRY)

This amendment forms a part of MIL-C-28689A(YD) dated 17 May 1991, and is available for use by all Departments and Agencies of the Department of Defense.

Page 1

Note under Title, line 1:

Delete "tho" and substitute "the".

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Reference Section, add the following ASTM document:

"ASTM B 633-85 - Electrodeposited Coatings of Zinc on Iron and Steel."

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3.4.5, add to the end of the paragraph the following:

"except where the 14-inch wide forklift pockets are located on the type 1 containers."

3.4.5.1, line 8 after "pockets." delete the sentence which follows and substitute:

"Type II containers shall have lift entry from both sides and from the closed end of the container, the forklift pockets shall be 12 inches wide (minimum) by 4 inches high (minimum), spacing for forklift pockets shall be $35\text{-}1/2 \pm 2$ inches, center-to-center of the forklift pockets."

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3.4.7.1, delete in its entirety and substitute the following:

"3.4.7.1 Door gasket. The door weather seal gaskets shall be ethylene propylene with diene monomer (EPDM) synthetic rubber extruded shape with flexible double type flanges. The EPDM material must meet or exceed the low temperature brittleness test of ASTM D 746 to -40 degrees Fahrenheit. The gaskets shall be provided around the entire periphery of each door except for the vertical right side of the left hand door which shall be designed to mate with the right hand door gasket; the right hand door to open first and close last. The major seal flange shall perform as an internal gasket on the frame. Both seal flanges shall be shaped to yield firmer seats with increasing positive external pressure. The corners of the gaskets shall be mitered at 45 degrees and heat bonded into one (1) continuous section. Mechanical fasteners shall be used to attach the gasket material to the door. The doors, when closed, shall form a weatherproof seal. Door gaskets shall be black."

3.4.10, Delete in its entirety and substitute the following:

"3.4.10 Bulk load restraint system. A barrier type restraint system for bulk loaded material shall be designed into the door frame of all containers. The system shall provide for positioning three horizontal 2 inch x 6 inch wood beams at nominal 2 feet, 4 feet, and 6 feet above the floor. In style 2 containers, when there is insufficient clearance between the cabinetry and the front corner post, the barrier restraint system is not required."

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3.5.1, sentence 1, delete in its entirety and substitute the following:

"The cabinet housing shall be of frame reinforced sheet metal construction, shall have a depth of 22 inches \pm 1 inch or 27-1/2 inches \pm 1 inch, as shown on the applicable drawing, but shall be no greater than that which will allow an aisle between the two rows of cabinetry of at least 27 inches between cabinets in type II (TRICON) containers and 30 inches wide in the type I (STD 20) containers."

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3.5.2.3, delete in its entirety and substitute the following:

"3.5.2.3 Lock-in, lock-out. All draws shall have individual lock-in lock-out (LILO) latches which lock drawers in closed or fully extended position. The LILO latches shall be installed on the right hand (R/H) side of each drawer. The LILO latches shall be engineered chrome or stainless steel or electrodeposited zinc coating to a minimum thickness of 0.5 mils, as specified in ASTM B 633-85."

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3.8.4, add after last sentence:

"Certain parts of the cabinetry drawers (e.g. handles, partitions and dividers) may be anodized to a coating thickness of 0.4 mils, when aluminum alloys 3003 or 6061-T6 are used."

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4.5.1.6, Line 8:

Delete "The value of P shall be 36,700 lb (12,233 lb per container)." and substitute "The value of P shall be 36,600 lb (12,200 lb per container)."

Preparing Activity
Navy - YD

(Project 8145-N051)