

EE-M-101J  
 AMENDMENT-1  
November 20, 1981

# FEDERAL SPECIFICATION

## MATCHES, SAFETY: AND MATCHES, NONSAFETY (STRIKE-ANYWHERE)

This amendment, which forms a part of Federal Specification EE-M-101J, dated January 18, 1979, was approved by the Commissioner, Federal Supply Service, General Services Administration, for the use of all Federal agencies.

### PAGE 1

1.2, after "Type III, Size 1": Add "Size 2 - 1-5/8 to 1-3/4 inches (41 to 44 mm) length".

### PAGE 3

3.1.2, lines 3 and 4: Delete "0.0355 to 0.042 inch (0.9017 to 1.0066 mm)" and substitute "0.0340 to 0.042 inch (0.8636 to 1.0066 mm)".

### PAGE 4

3.2.1.1: Delete title and substitute "Type I and type III, class 1, size 2".

3.2.1.2: Delete title and substitute "Type III, class 1, size 1 and class 2 length".

Line 2: Delete "1-3/4  $\pm$  1/8 inches (44  $\pm$  3 mm)" and substitute "2-3/8  $\pm$  1/8 inches (60  $\pm$  3 mm)".

3.2.2.1: Delete title and substitute "Box for type I and type III, class 1, size 2".

3.2.3.1: Delete title and substitute "Type I and type III, class 1, size 2".

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4.2.2 Add the following:

<u>"Examine"</u>	<u>Defect</u>
Type III, class 1, size 2	More or less than four boxes per can (see 5.1.1.1.4)".

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4.2.3.2, under "Examine" column for "Count - Type I": Add "and type III, class 1, size 2".

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4.2.3.3, under "Length" and after "Type I": Add "and type III, class 1, size 2".

Under "Length", line 2": Delete "icnhes" and substitute "inches".

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4.2.4, line 2: Delete "weight".

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4.2.4: Delete "weight and its defect".

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4.3.1 Add the following at end of listing:

"Type III, class 1, size 2" 3 unopened boxes"

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4.3.1.2, line 4, after "type I": Add "and type III, class 1, size 2;".

4.3.5. line 2: Delete "(45 + 1°C)" and substitute "(66 + 1°C)".

Line 4: Delete "(21 + 27°C)" and substitute "(24 + 3°C)".

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4.3.9.1, line 2: Delete "method 244" and substitute "Method 2003".

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4.3.9.3, line 2: Delete "method 241" and substitute "Method 5009".

5.1.1.1, after "Type I": Add "and type III, class 1, size 2".

Add the following new paragraph:

"5.1.1.1.4 Type III, class 1, size 2 (lifeboat equipment). Four boxes of type III, class 1, size 2, commercial nonsafety matches, unit packaged as specified in 5.1.1.1.1 shall be further unit packaged in a round, two piece, seamless body, full open, screw top can. The approximate size of the body shall be 3 inches (76 mm) in diameter, 2 inches (51 mm) in height, with an approximate 2-1/2 inch (64 mm) diameter rolled opening and shall have a minimum of two full rolled threads. The approximate size of the cover shall be 3 inches (76 mm) in diameter, 5/8 inch (16 mm) in height with a 3-inch (76 mm) opening. The threads of the cover shall match the threads of the body. The can shall be made of tin plated steel and have such a

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gage and composition to resist denting or deformation under normal handling conditions. The body shall have a flat bottom and a top edge curled or hemmed to increase rigidity. The cover shall be knurled above the thread and have a curled edge. Each cover shall be provided with a snug-fitting neoprene rubber gasket of such a wall thickness as to provide waterproofness when the cover is secured by hand."

PAGE 18

Add the following new paragraph:

"5.1.2.3 Type III, class 1, size 2 (lifeboat equipment). Type III, class 1, size 2 matches, packaged as specified in 5.1.1.1.1 and 5.1.1.1.4, shall be intermediately packaged in accordance with the interior packaging requirement for 8-ounce cans for level A shipment as specified in the appendix of PPP-C-96."

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Add the following new paragraph:

"5.2.1.4 Type III, class 1, size 2 (lifeboat equipment). Type III, class 1, size 2 matches, packaged as specified in 5.1.2.3, shall be packed in accordance with the exterior packing requirements for level A shipment in the appendix of PPP-C-96."

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Add the following new paragraph:

"5.3.1.3.1 Type III, class 1, size 2 military requirements (lifeboat equipment). Each lifeboat can shall be stenciled in accordance with MIL-STD-129 with the following legend:

Matches, Wood, Nonsafety, Strike-Anywhere  
Fed. Spec. EE-M-101  
FSN  
Manufacturer's name and address  
Contents - 4 Boxes  
30 Matches per Box (Minimum)

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6.1 Add the following to end of paragraph:

"Type III, class 1, size 2 matches are intended for use on lifeboats for Army vessels, or by Army Aviators exposed to emergency situations in remote and isolated temperatures, sub-artic and artic areas."

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Custodians:

Army - GL  
Air Force - 99

Review activities:

Army - MD  
DLA - SS

User activity:

Navy - MC

PREPARING ACTIVITY:

Army - GL

CIVIL AGENCY COORDINATING ACTIVITIES:

GSA - FSS  
NBS

Project No. 9920-0019