

AMENDMENT
TO
INTERIM FEDERAL SPECIFICATION
CUSHION, CARPET AND RUG, VIRGIN
URETHANE

This amendment was developed by the Standardization Division, Federal Supply Service, General Services Administration, Washington, D. C. 20406, based upon currently available technical information. The General Services Administration has authorized this amendment as a part of Interim Federal Specification L-C-001676(GSA-FSS) dated December 10, 1970.

PAGE 1

Title of specification, delete the word "VIRGIN" and substitute "IME".
Paragraph 1.1, line 2, delete the word "virgin" and substitute "prime"

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Paragraph 3.2.1, line one, delete the word "virgin" and substitute "prime"

PAGE 3

Table I, under the column titled "Requirement" for class 1, delete " 44 ± 5 " and substitute " $25 - 31$ ", class 2, delete " 30 ± 4 " and substitute " $21 - 27$ ". Under the column titled "Characteristic" delete "Density, lb per cu. ft. minimum" and substitute "Density, urethane polymer, lb per cu. ft. minimum." Under "Tensile strength", delete "lb" and insert "pounds/sq. inch."

Paragraph 3.5.2, line 1, delete "5/16".

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Paragraph 4.4, line 9, delete "64".

PAGE 5

Delete Table III and Footnote 1 in their entirety and substitute

TABLE III End item testing

Characteristic	Requirement, Reference	Test Method ASTM D-1500 1/
Indentation load deflection	Table I	Load Deflection, Method A
Compression set	Table I	Compression Set, Method B Calculation for Ct
Urethane Polymer density 2/	Table I	Density Test, Suffix W
Fatigue	Table I	Fatigue Test, Suffix H Procedure A
Steam autoclave Thickness	Table I 3.5.2	5 Hrs. @ 121°C (as printed)
Fire resistance 3/	Table I	4.4.1
Tensile strength	Table I	Tension Test, Suffix T

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- 1/ All tests ~~except~~ fire resistance shall be conducted on foam cushion without facing.
- 2/ Apparent density as determined above shall be corrected in the following manner:
Ash content, as determined in ASTM Method D297, subtracted from 100, multiplied by apparent density shall equal the minimum values listed in Table I.
- 3/ Tests shall be conducted with facing and at least 2 determinations shall be made.

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Paragraph 4.4.1.3.1, delete in its entirety the paragraph beginning "If the cushion has had a fire-resistant treatment, etc."

PAGE 8

Add the following paragraph:

6.3 Definition of prime foam. Prime foam is a flexible cellular urethane product made by the suitably controlled reactions of an hydroxyl-terminated compound with an isocyanate compound, containing all new material, and subsequently fabricated into the desired dimensions without incorporation of reworked material.