

INCH-POUND

A-A-59124

25 September 1997

COMMERCIAL ITEM DESCRIPTION

DECK COVERING, LIGHTWEIGHT, NONSLIP

The General Services Administration has authorized the use of this commercial item description as a replacement for MIL-W-5044 Type III and IV for all Federal Agencies.

1. SCOPE. This Commercial Item Description (CID) covers nonslip walkway matting.
2. CLASSIFICATION. The walkway matting shall be furnished in the following types and classes:

Type I - Matting (for use with separate liquid adhesive).

Class 1 - Fine Grade

Class 2 - Medium Grade

Class 3 - Coarse Grade

Type II - Conformable matting (pressure sensitive adhesive applied)

3. SALIENT CHARACTERISTICS.

3.1 Materials. Materials shall be as specified herein. Materials not specified shall be selected by the contractor and shall be subject to all provisions of this specification. The nature of the grit used in the material shall be such that it will not, during use, be forced through the coating to the underlying material and scratch the surface thereof.

3.1.1 Type I. The Type I matting shall consist of a uniformly coated fabric with an abrasive grit bonded to the upper surface of the fabric. The back of the matting shall be precoated with a suitable oil and fuel-resistant adhesive. The matting shall be capable of being applied with a separate liquid adhesive conforming to MMM-A-1617 Type III.

Beneficial comments, recommendations, additions, deletions, clarifications, etc. and any other data which may improve this document should be sent to: Warner Robins Air Logistics Center Engineering Division (WR-ALC/LKJE) 460 Second Street Suite 221, Robins AFB GA 31098-1640

FSC 7220

AMSC N/A.

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3.1.2 Type II. The Type II matting shall consist of a uniformly coated sheet with an abrasive grit bonded to the upper surface. The back of the matting shall be precoated with a pressure sensitive adhesive and protected with an easily removable protective liner.

3.2 Physical characteristics. The physical characteristics of the walkway matting shall conform to the requirements specified in Table I.

TABLE I PHYSICAL CHARACTERISTICS					
Property		Type I			
		Class 1	Class II	Class III	Type II
Weight	oz / sq yd	<u>1</u> / 30 (max)	<u>1</u> / 40 (max)	<u>1</u> / 55 (max)	25(max)
Thickness	inch (max)	0.032	0.047	0.066	0.039
Water resistance	percent change in weight	\pm 5	\pm 5	\pm 5	\pm 1
Adhesion	lb / in width (min)	5	5	5	4
Factor of static friction	(leather)				
Dry	(min)	0.60	0.60	0.60	0.60
Watered	(min)	1.00	1.00	1.00	1.00
Oiled	(min)	0.60	0.60	0.60	0.60
Factor of dynamic friction	(rubber)				
Dry	(min)	0.80	0.80	0.80	0.80
Watered	(min)	0.80	0.80	0.80	0.80
Oiled	(min)	0.60	0.60	0.60	0.60

$\frac{1}{30}$ Weight of MMM-A-1617, Type III adhesive included.

3.2.1 Color. The color shall be a critical match to FED-STD-595, color specified (see 7.2).

3.2.2 Mat roll size. Unless otherwise specified (see 7.2), Type I and Type II matting shall be furnished in roll width of 60 feet.

4. REGULATORY REQUIREMENTS.

4.1 The offeror/contractor is encouraged to use recovered materials to the maximum extent practicable, in accordance with paragraph 23.403 of the Federal Acquisition Regulation (FAR).

5. QUALITY ASSURANCE PROVISIONS.

5.1 Product Conformance. The products provided shall meet the salient characteristics of this commercial item description, conform to the producer's own drawings, specifications, standards, and quality assurance practices, and be the same product offered for sale in the commercial market. The government reserves the right to require proof of such conformance.

5.2 Market Acceptability Criteria. The following market acceptability criteria is necessary to document the quality of the product to be provided under this CID.

5.2.1 The company producing the item must have been producing a product meeting the requirement of this CID, for at least 2 years.

5.2.2. The company must have sold 1000 feet meeting this CID, in the commercial market place over the past 2 years.

6. PACKAGING.

6.1 Preservation, packing, and marking shall be as specified in the contract or order.

7. NOTES.

7.1 Intended use. Matting covered by this CID is intended to provide nonslip surfaces on aircraft wing walks. For use where maximum nonslip properties are a major factor.

7.1.1 Type I matting is not suitable for application on surfaces containing projections, such as raised rivets and wing areas containing compound curvatures owing to application difficulties.

7.1.2 Type II matting is especially suited for applications on diamond tread and other irregular surfaces.

7.2 Ordering data. Procurement documents should specify the following:

- (a) Title, number, and date of this specification
- (b) Type material desired (see 2)
- (c) Color of material desired (see 3.2.1)
- (d) Length and width of roll, Types I and II (see 3.2.2)
- (e) Quantity
- (f) Special packaging/marketing requirements (see 6.1)
- (g) For special dimensions of Types I and II, specify drawings or dimensional details

7.3. Cataloging. It is expected that Types I and II will be cataloged into the Federal Supply System in Federal Stock Class 7220.

7.4. Part Identification Number (PIN). The following part identification numbering procedure is for government purposes and does not constitute a requirement for the contractor.

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MILITARY INTERESTS:

Custodians:
Air Force - 99

CIVIL AGENCY COORDINATING ACTIVITY:

GSA - FSS

Preparing Activity:
Air Force - 84

Agent Activity:
Air Force - 99

(Project 7220-0255)

STANDARDIZATION DOCUMENT IMPROVEMENT PROPOSAL

INSTRUCTIONS

1. The preparing activity must complete blocks 1, 2, 3, and 8. In block 1, both the document number and revision letter should be given.
2. The submitter of this form must complete blocks 4, 5, 6, and 7.
3. The preparing activity must provide a reply within 30 days from receipt of the form.

NOTE: This form may not be used to request copies of documents, nor to request waivers, or clarification of requirements on current contracts. Comments submitted on this form do not constitute or imply authorization to waive any portion of the referenced document(s) or to amend contractual requirements.

I RECOMMEND A CHANGE:

1. DOCUMENT NUMBER
A-A-59124

2. DOCUMENT DATE (YYMMDD)
97/09/25

3. DOCUMENT TITLE

DECK COVERING,LIGHTWEIGHT,NONSLIP

4. NATURE OF CHANGE *(Identify paragraph number and include proposed rewrite, if possible. Attach extra sheets as needed.)*

5. REASON FOR RECOMMENDATION

6. SUBMITTER

a. NAME *(Last, First, Middle Initial)*

b. ORGANIZATION

c. ADDRESS *(include Zip Code)*

d. TELEPHONE *(Include Area Code)*

e. DATE SUBMITTED
(YYMMDD)

(1) Commercial

(2) AUTOVON
(If applicable)

8. PREPARING ACTIVITY

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BETH SUTTON

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IF YOU DO NOT RECEIVE A REPLY WITHIN 45 DAYS, CONTACT:

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