

[METRIC]
 A-A-3159
June 9, 1998
 SUPERSEDING
 ZZ-T-001237
 December 8, 1993

COMMERCIAL ITEM DESCRIPTION

TREAD, STAIR, FLEXIBLE AND SEMI-RIGID TYPE RUBBER AND VINYL

The General Services Administration has authorized the use of this commercial item description for all Federal agencies.

1. SCOPE AND CLASSIFICATION

1.1. Scope. This commercial item description (CID) covers the requirements for flexible and semi-rigid rubber or vinyl stair treads.

1.2. Classification. The treads shall conform to the following type, class, style and size, as specified (see 6.2)

Type I - flexible

Class 2 - Tread with nosing.

Style B - Curved.

	<u>Width</u>	<u>Thickness</u>	<u>Length</u>
Size a -	23cm (9 inches)	X 0.32cm (0.125 inch)	X 91cm (36 inches)
Size b -	23cm (9 inches)	X 0.32cm (0.125 inch)	X 61cm (24 inches)

2. SALIENT CHARACTERISTICS

2.1. Material. The stair tread shall be made from rubber, or a mixture of synthetic and reclaimed rubber, or a compounded polymer or copolymer of PVC resin.

2.2. Design and Construction. The stair treads shall have a smooth, patterned or abrasive strip upper tread portion, as specified (see 6.2).

Beneficial comments, recommendations, additions, deletions, clarifications, etc. and any data which may improve this document should be sent to: General Services Administration, Engineering Branch (7FXEE), 819 Taylor Street, Fort Worth, TX 76102-6114.

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2.2.1 Smooth design. The entire upper surface of the tread portion shall be smooth.

2.2.2 Pattern design. The upper surface shall be of a commercial design with longitudinal, diamond, chevron or diagonal striped corrugations. The depth of the corrugation shall be not greater than 50 percent of the overall thickness of the tread. The pattern design shall be formed to provide a wear surface and anti-slip properties. The pattern design shall cover a minimum of 75 percent of the upper tread portion.

2.2.3 Abrasive strips design. The upper surface shall have two (2) mineral coated abrasive grit strips. Each strip shall be a minimum of 1.9cm (0.75 inch) wide, not more than 2.5cm (1 inch) wide and a minimum of 0.1cm (0.04 inch) thick. The strips shall be recessed into and adhered to the top surface of a smooth surface tread to form a continuous flat top surface overall. Each strip shall run the full length of the tread and be parallel to each other and the front edge of the stair tread. The first strip shall be no closer than 1.9cm (0.75 inch) to the front of the tread with the second strip between 1.9cm (0.75 inch) to 7cm (2-3/4 inch) from the first strip.

2.3 Color. Unless otherwise specified (see 6.2), the color of the treads shall be black.

2.4 Thickness. Unless otherwise specified (see 6.2), the thickness shall be 0.3cm (0.125 inch) throughout the stair tread. The tolerance for the thickness shall be minus 10 percent and any plus is allowable.

2.5 Dimensions. Unless otherwise specified (see 6.2), the width and length dimensions of the stair tread shall be as follows:

Width
23cm (9 inches) (\pm 0.6cm (0.24 inch))

Length
61cm (24 inches) (\pm 0.6cm (0.24 inch))
91cm (36 inches) (+ 1.27cm (0.5 inch) - 0.01cm (0.004 inch))

2.6 Nosing. The stair tread nosing height shall be 4cm (1.6 inches) \pm 0.5cm (0.2 inch).

2.7 Workmanship. The floor mats shall be free from embedded foreign material, cracks, tears, objectionable odor or any other defect affecting appearance or serviceability of the item.

2.8 Measurement system. The values stated in metric units are to be regarded as the standard. The inch-pound values stated in parentheses are for information only.

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2.9 Inch-pound products. Products manufactured to inch-pound dimensions will be considered on an equal basis with those manufactured using metric units, providing they fall within the tolerances specified and all other requirements of this document are met. If a product is manufactured to inch-pound dimensions and those dimensions exceed the tolerances specified in the metric units, a request should be made to the contracting officer to determine if the product is acceptable.

3. REGULATORY REQUIREMENTS

3.1 Regulatory requirements. 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).

4. QUALITY ASSURANCE PROVISIONS

4.1 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. PACKAGING.

5.1 Packaging. Packaging, packing, and marking shall be as specified in the contract or purchase order.

6. NOTES

6.1 Referenced National Stock Number (NSN). The following is a list of NSN's assigned which correspond to this CID. The list may not be indicative of all possible NSN's associated with the CID.

NSN	Type	Class	Style	Size
7220-00-205-3186	I	2	B	a
7220-00-238-8852	I	2	B	b

6.2 Ordering data. Purchasers should select the preferred options permitted herein and include the following information in procurement documents (if applicable).

- a. Title, number and date of this commercial item description.
- b. Type, class, style and size of tread required (see paragraph 1.2).
- c. Color, if other than specified (see paragraph 2.3).
- d. Design and Construction required (see paragraph 2.2).
- e. The packaging, packing, and marking desired (see paragraph 5).

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MILITARY INTERESTS:
Activity:

Preparing

NONE: DOD has determined that no military activity has an official interest in this commercial item description.

GSA-FSS