

[Metric]
A-A-131B
November 25, 1997
Superseding
A-A-131A
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COMMERCIAL ITEM DESCRIPTION
RUBBER BANDS

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

1. **Scope:** This Commercial Item Description covers natural, synthetic, or synthetic natural rubber bands which are used in an office environment.

2. **Salient Characteristics:** The rubber bands shall be compounded from natural rubber, synthetic rubber (SBR), or synthetic natural rubber (polyisoprene), or any mixture of the three.

2.1 The unit weight shall be 0.113 kg (1/4 lb.) or 0.454 kg (1 lb.), as specified in the contract or order.

2.2 The number of rubber bands per pound for each size band shall be as specified in Table 1 and tested in accordance with ASTM D 412.

2.3 The inside length shall be as specified in Table 1. when tested in accordance with Section 3.

2.4 The rubber bands shall meet the requirements specified in Table II.

2.5 The rubber bands shall have no objectionable odor.

2.6 **Workmanship.** The rubber bands shall be free from ragged and nicked edges and other defects which may affect appearance or might affect serviceability.

3. **Regulatory Requirements:** The offerer/contractor is encouraged to use recovered materials to the maximum extent practicable, in accordance with paragraph 23.403 of the Federal Acquisition Regulation (FAR).

Beneficial comments, recommendations, additions, deletions, clarifications, etc. and any data which may improve this document should be sent to General Services Administration, Federal Supply Service, Engineering Branch, 26 Federal Plaza, New York, NY 10278.

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**Table I.
Size Designation, Count and Inside Length**

Size Number	Number of Bands per pound (min)	Inside Length cm(inch)		
8	7,300	2.22 (7/8)	+/-	.159 (1/16)
10	5,200	3.17 (1 1/4)	+/-	.159 (1/16)
11	4,050	3.81 (1 1/2)	+/-	.258 (3/32)
16	2,300	6.35 (2 1/2)	+/-	.317 (1/8)
18	1,900	7.62 (3)	+/-	.397 (5/32)
19	1,700	8.89 (3 1/2)	+/-	.476 (3/16)
32	950	7.62 (3)	+/-	.397 (5/32)
33	850	8.89 (3 1/2)	+/-	.476 (3/16)
64	425	8.89 (3 1/2)	+/-	.476 (3/16)
84	210	8.89 (3 1/2)	+/-	.476 (3/16)

**Table II.
Strength, Elongation and Set**

Sizes	Tensile Strength min (p.s.i.) kg/cm ²	Breaking Force min N (lbs)	Ultimate Elongation min %	Tensile set, max %
8 through 19		.691N (5)	700	15
32 and 33		1.66N (12)	700	15
64 and 84	84.4 (1,200)	3.32N (24)	700	15

4. Quality Assurance Requirements:

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.

4.2 Performance Tests:

Tensile Strength
Breaking Force

ASTM D 412-Method B
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(In calculating tensile strength or breaking force, the breaking force is the maximum load at rupture.)

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Ultimate Elongation
Tensile Set

ASTM D 412-Method B
ASTM D 412-Method A

(For the purpose of this test , rubber bands shall be stretched to a 700% elongation. The grips for the test apparatus shall be as specified in Method B.)

Inside Length. To examine the length, place the band on a flat surface and, using a straight edge, press each band together until the inner surface touches throughout the entire length of the band. Measure the length between the inner ends to the nearest 1/32 inch (7.92 cm).

5. Packaging: Preservation, packing, palletization and marking shall be as specified in the contract or order.

6. Notes:

6.1 Source of Documents. Issues of the following documents, in effect on the date of invitation for bids or request for proposal form a part of this document to the extent specified herein.

6.1.1 Federal Acquisition Regulation (FAR) may be obtained from the Superintendent of Documents, Government Printing Office, Washington. DC 20402.

6.1.2 Application for copies of appropriate ASTM's are available through the American Society for Testing and Materials; 100 Harbor Dr., West Conshohocken, PA 19428-2959.

6.2 National Stock Number Listing (NSN's). 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.

7510-00-205-0371	7510-00-243-3437	7510-01-058-9971
7510-00-205-0842	7510-00-285-1787	7510-01-058-9973
7510-00-205-1438	7510-01-058-9972	7510-01-059-4183
7510-00-205-1439	7510-01-058-9974	7510-01-368-3495
7510-00-243-3434	7510-00-551-5073	
7510-00-243-3435	7510-01-058-9970	

MILITARY INTERESTS:

Preparing Activity:

NONE: DoD has no registered interest in revisions and amendments to this Commercial Item Description until further notice.

GSA-FSS