

A-A-132
April 5, 1980

COMMERCIAL ITEM DESCRIPTION

ERASERS

The General Services Administration has authorized the use of this commercial item description in lieu of Federal Specification ZZ-E-661.

Salient characteristics:

Erasers shall be of the shape, type, minimum volume, and for the purpose, specified in table 1.

TABLE 1.

Dimensions, shape, type, minimum volume, and purpose of erasers				
Item No.	Purpose, type, and shape	Descriptive dimensions (in.)	Minimum volume (cubic inches)	Other characteristics
1	Pencil; soft; cylindrical	1-1/4 (long); 0.300 (dia.)	.088	Designed for use in electric erasing machines.
2	Pencil; regular; cylindrical	6 (long); 3/16 (dia.); eraser core	.166	Paper-cased, wood-cased or plastic holder.
3	Pencil; regular; rectangular	2-3/4 x 7/8 x 1/4	.547	Beveled ends.
4	Pencil; regular; conical or arrow head, wedge or chisel shaped	-----	--	Eraser fits over end of standard writing pencil (9/32-inch dia. ferrule).
5	Pencil; regular; mechanical pencil replacement eraser	-----	--	Eraser must fit Scripto's Long Lead Mechanical Pencil K-770.
6	Pencil; regular; mechanical pencil replacement eraser	-----	--	Eraser must fit Autopoint's Slim Utility Mechanical Pencil No. 106.
7	Typewriter and ink; cylindrical	2-23/32 (long); 0.120 (dia.)	.031	Designed for use in mechanical eraser barrels.
8	Typewriter and ink; cylindrical	1-1/4 (long); 0.300 (dia.)	.088	Designed for use in electric erasing machines.
9	Typewriter and carbon; cylindrical	6 (long); 3/16 (dia.) eraser core	.166	One end (half) typewriter eraser and one end (half) carbon eraser; wood-cased.

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TABLE I

Dimensions, shape, type, minimum volume, and purpose of erasers				
Item No.	Purpose, type, and shape	Descriptive dimensions (in.)	Minimum volume (cubic inches)	Other characteristics
10	Cleaning; rubber; rectangular	2 x 1 x 3/4	1.50	
11	Cleaning; rubber substitute; rectangular	2-1/4 x 1-1/8 x 1-1/8	2.848	Gum-type composition.
12	Cleaning; kneaded rubber; rectangular	1-5/8 x 1-1/4 x 3/8	.762	
13	Cleaning; direct image paper offset master; cylindrical	7 (long); 3/16 (dia.) eraser core	.193	Paper-cased, wood-cased or plastic holder
14	Cleaning; plastic; drafting paper, films and vellums; rectangular	2-5/8 x 7/8 x 1/2	.95	Reveled ends.
15	Cleaning; plastic; drafting paper, films and vellums; cylindrical	6-1/4 (long); .290 (dia.); eraser core	.413	Paper-cased, wood-cased or plastic holder

Before aging, erasers shall have the hardness values specified in table II.

TABLE II. Hardness requirements

Purpose and Type	Hardness	
	Minimum	Maximum
Pencil:		
Soft	30	50
Regular	50	70
Typewriter, Ink and Carbon:		
Ink	75	90
Typewriter	75	90
Carbon	60	75
Cleaning:		
Rubber	25	50
Rubber substitute	30	40
Kneaded rubber	--	--
Direct-image paper offset master	55	70
Drafting paper, films and vellums	65	80

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Workmanship. Erasers shall be uniform in quality, smooth, and free of dirt, foreign matter, and stains.

Certification. The contractor shall certify that the product offered meets the salient characteristics of this description and that the product conforms to the producer's own drawings, specifications, standards, and quality assurance practices and is the same product offered for sale in the commercial marketplace. The Government reserves the right to require proof of such conformance prior to first delivery and thereafter as may be otherwise provided for under the provisions of the contract.

Recovered materials. The manufacturer shall utilize recovered materials to the maximum extent practicable.

Packaging, packing, and marking. The erasers shall be packaged in accordance with normal commercial practice and packed in shipping containers that will assure acceptance by common carrier and provide product protection against loss and damage during multiple shipments, handling and storage. The shipping container shall be in compliance with National Motor Freight Classification and Uniform Freight Classification. Shipping containers shall be marked as specified in the contract or order.