

A-A-1193A
June 23, 1989
SUPERCEDING
A-A-1193
April 27, 1981

COMMERCIAL ITEM DESCRIPTION

HANGER, PICTURE
(MAGNETIC)

The General Services Administration has authorized the use of this commercial item description.

This commercial item description covers magnetic picture hangers for use in hanging pictures, clipboards, certificates, maps, and calenders on metallic (ferrous) surfaces.

Salient characteristics:

The magnetic base shall consist of a magnetized powder throughly dispersed in a thermoplastic or cubic rubber binder having long chain polymers highly resistant to ozone, oxygen, acids, and other corrosive chemicals.

The metal plate bonded to the magnetic base shall be furnished in grey baked enamel or as specified.

The hanger hook shall be no less than 7/16 inch in length.

The hook shall be formed so that the end of the hook shall stand off from the hanger surface a minimum of 3/16 inch, shall have a rounded end and shall not be wider than 7/32 inch except in the area within 3/16 inch of the base of the hook. The hook shall be centered from left to right on the hanger (see figures 1 and 2).

Beneficial comments, recommendations, additions, deletions, clarifications, etc. and any data which may improve this document should be sent to: General Services Administration, Industrial Engineering Group (7FXEI), 819 Taylor St., Fort Worth, TX 76102

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Dimensions and load capacity of hangers shall be as specified in Table I below.

SIZE	Surface area (square inches max.)	Load Capacity ^{1/} (lbs. - min.)
A	10.0	2.5
B	25.0	4.0
C	35.0	8.0
D	50.0	16.0

^{1/} Each size hanger, when in contact with a clean smooth metallic (ferrous) surface in a vertical plane at $25^{\circ} \pm 5^{\circ}$ C, shall be capable of supporting the load specified above for two minutes without any measurable downward vertical movement of the hanger.

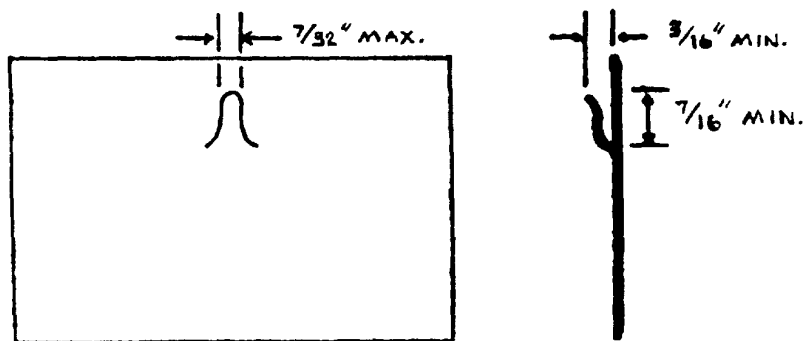


Figure 1

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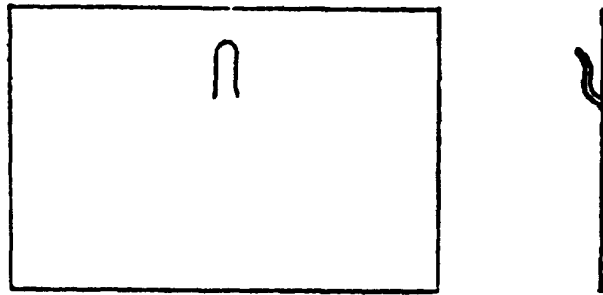


Figure 2
(Depiction of optional hook shape)

Workmanship. The magnetic picture hangers shall not have any defects which affect it's use and serviceability.

Part Numbering. Hangers conforming with this commercial item description shall be identified by a part number configuration consisting of identification of a portion of the specification number and size. An example of the part number configuration is shown below. This part numbering system is intended for identification and cross-indexing of the item within the Federal cataloging system. Part numbers are not required to be placed on the product or container.

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		___ Size (A, B, C or D).
		___ General specification number.

Quality assurance provisions. Unless otherwise specified in the contract or purchase order, the contractor is responsible for the performance of all inspection requirements as specified herein. Except as otherwise specified in the contract or order, the contractor may use his own or any other facilities suitable for the performance of the inspection requirements specified herein, unless disapproved by the Government. The Government reserves the right to perform any of the inspections set forth in the specification where such inspections are deemed necessary to assure that supplies and services conform to prescribed requirements.

Lot. All hangers of the same size, presented for inspection at one time shall be considered a lot for purposes of inspection.

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Sampling for quality conformance examination. A random sample of hangers shall be selected from each lot in accordance with Military standard, MIL-STD-105 'SAMPLING PROCEDURES AND TABLES FOR INSPECTION BY ATTRIBUTES', inspection level S-2, AQL 6.5 expressed in terms of percent defective. The sample unit shall be one hanger.

Visual and dimensional examination. The sample hangers shall be visually and dimensionally examined to verify compliance with this description. Tolerance limits specified are absolute limits as defined in ASTM Recommended Practice E29, for Indicating Which Places of Figures Are to Be Considered Significant in Specified Limiting Values.

Testing. Testing shall be performed in accordance with Table I.

Examination for preparation for delivery. A random sample of unit, intermediate and shipping containers (as applicable) shall be selected from each lot and examined for conformance with the preservation, packaging, packing, labeling and marking required in the contract or order. Samples shall be selected in accordance with MIL-STD-105, Inspection level S-2, AQL 6.5 expressed in terms of defects per hundred unit.

Preservation, packaging, packing, labeling, and marking. The preservation, packaging, packing, labeling, and marking shall be as specified in the contract or order.

Regulatory requirements. In accordance with section 23.403 of the Federal Acquisition Regulations, the Government's policy is to acquire items composed of the highest percentage of recovered materials practicable, consistent with maintaining a satisfactory level of competition without adversely affecting performance requirements or exposing suppliers' employees to undue hazards from the recovered materials. The term "recovered materials" means materials which have been collected or recovered from solid waste and reprocessed to become a source of raw materials as opposed to virgin raw materials. None of the above shall be interpreted to mean that the use of used or rebuilt products are allowed under this commercial item description unless otherwise specified.

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Notes.

The COMMERCIAL ITEM CERTIFICATION CLAUSE is not required when this commercial item description is used for procurement.

The issues or revisions of ASTM Recommended Practice E29 and MIL-STD-105 in effect on the date of solicitation shall be used to determine compliance with stated requirements.

ASTM standards are available from the American Society for Testing and Materials, 1916 Race Street, Philadelphia, PA 19103.

Military Standards are available from the Naval Publications and Forms Center, 5801 Tabor Ave., Philadelphia, PA 19120.

MILITARY INTERESTS:

Custodians:

Air Force - 99

Preparing activity:

GSA - FSS

Review activities:

DLA - IS

Air Force - 82