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[INCH-POUND]
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SUPERSEDING
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COMMERCIAL ITEM DESCRIPTION

PLASTIC MATERIAL, PRESSURE SENSITIVE ADHESIVE, FOR AEROSPACE IDENTIFICATION AND MARKING

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

1. SCOPE. This commercial item description (CID) covers an adhesive-backed, pigmented or clear polyester plastic film for marking of aerospace interior and exterior surfaces.

2. CLASSIFICATION. Marking material covered by this commercial item description shall be of the following types and classes. The selected types and classes of the product to be supplied shall be specified in the acquisition order (see 6.1(b)).

Type I - Non perforated
Type II - Perforated

Class 1 - Plain
Class 2 - With protective masking sheet applied to the face side of the marking material

3. SALIENT CHARACTERISTICS

3.1 Composition. The marking material shall consist of material, color configuration, size, physical properties and requirements of table I.

3.1.1 Material. The material shall consist of a pigmented or clear polyester plastic film, with a pressure sensitive adhesive applied to one side. The adhesive backing shall be protected by a suitable liner, which can be easily removed without the use of water or solvents.

Beneficial comments, recommendations, additions, deletions, clarifications, etc. and any data that may improve this document should be sent to: Defense Supply Center Richmond (DSCR), ATTN: DSCR-VBD, 8000 Jefferson Davis Highway, Richmond, VA 23297-5610.

AMSC N/A FSC 9330

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TABLE I. Physical properties and performance characteristics.

Property	Requirements
Color	Various
Film Thickness	0.005 inch maximum
Tensile Strength	18 lbs./inch width minimum
Elongation	50% minimum
Shrinkage	1/64 inch maximum
Flexibility	
Standard Conditions	20 folds minimum without failure
Low Temperature	No failure
Heat Aging	No failure
Adhesion at Std. Conditions	40 oz./inch width minimum
Adhesion at Low Temperature	35 oz./inch width minimum
Overlaid Colors	No delamination
Ply	No separation of film and adhesive
Corrosivity	None
Immersion Resistance	
Water	No effect
Fuel	No effect
Hot Oil	No effect
Salt Spray	No effect
Accelerated Weather Resistance	No failure
Outdoor Weather Resistance	No failure
Storage Stability	12 months minimum

3.1.2 Color. The color of the marking material shall be either inherent in the basic film or overlaid on the basic film (see 6.1(c)).

3.1.3 Finishing coat. The basic film colors or the overlaid colors shall have either a specular or non-specular finishing coat (see 6.1(d)).

3.1.4 Configuration.

3.1.4.1 Type I. Type I material shall consist of a smooth, uniform film without pinholes or other defects in the film surface.

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3.1.4.2 Type II. Type II material shall be the same as type I material, except that the surface shall be perforated with clean die punched holes, 0.025 inches maximum diameter, positioned in a 0.250 inch square grid pattern.

3.1.4.3 Class 1. Class 1 material shall consist of the plastic film, adhesive backing and protective liner, and shall be applicable to both type I and type II.

3.1.4.4 Class 2. Class 2 material shall be the same as class 1 material, except that it shall incorporate a protective transfer sheet applied to the face side of the marking material. The transfer sheet shall be paper or film.

3.1.5 Size. The marking material shall be furnished in rolls and sheets as specified (see 6.1(e)).

3.1.5.1 Roll length. The length of the roll shall be up to 50 yards.

3.1.5.2 Width. The width of the material should range from 1 inch to 36 inches.

3.1.5.3 Thickness. The maximum material thickness shall be 0.005.

3.1.6 Physical properties and performance characteristics. Type I and type II marking material shall meet the requirements of table I when tested.

3.2 Toxicity. Solvents and other compounds retained in the marking material shall have no effect on the health of personnel when the material is used for its intended purpose.

3.3 Workmanship. The material shall be free from blisters, cracks, foreign matter, or any other defects.

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 marketplace. The government reserves the right to require proof of such conformance.

4.2 Market acceptability. The following market acceptability criteria are necessary to document the quality of the product to be provided under this CID.

4.2.1 The company must be able to show test data lab results of meeting the salient characteristics of the plastic material.

4.2.2 The company must provide a warranty of replacing defective items.

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4.2.3 The company must have produced or distributed plastic material meeting the requirements of this CID for at least 2 years.

5. PACKAGING

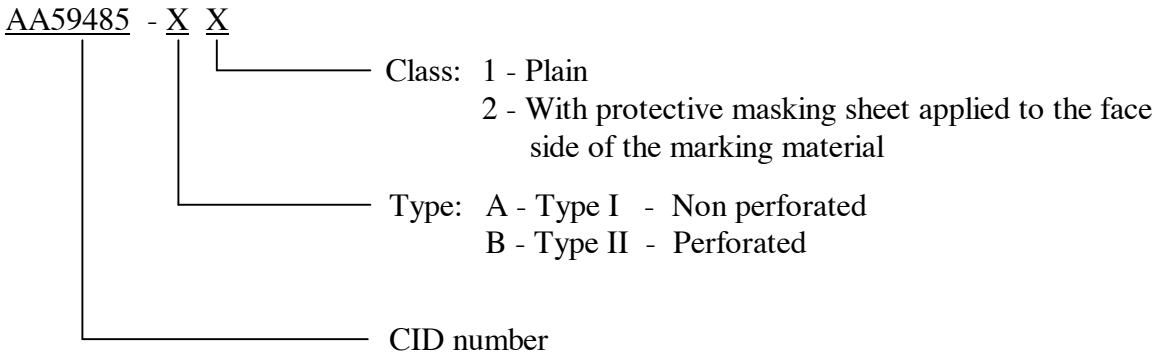
5.1 Preservation, packing, and marking. For acquisition purposes, the marking material shall be preserved, packed, and marked as specified in the acquisition order (see 6.1(f)).

6. NOTES

6.1 Ordering data. Acquisition documents must specify the following information:

a. Title, number, and date of this document
b. Product classification (type and class) (see 2.)
c. Color, inherent or overlaid (see 3.1.2)
d. Finishing coat, specular or non-specular (see 3.1.3)
e. Size required (see 3.1.5)
f. Packaging requirements (see 5.1)

6.2 Part identification number (PIN). The following part identification numbering system is for government purposes and does not constitute a requirement for the contractor.



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6.3 National stock number (NSN). The NSNs listed in table II correspond to the marking material in this CID. This list may not be indicative of all possible NSNs associated with the CID.

TABLE II. Assigned NSNs.

Type	Class	Assigned NSN
I	1	9330-00-405-9861
		9330-00-839-0907
		9330-01-144-1112
		9330-01-281-3548
II	1	9330-01-020-3644
II	2	9330-00-463-4277
		9330-00-470-4633

MILITARY INTERESTS:

Custodians:
Army - EA
Navy - OS
Air Force - 11

CIVIL AGENCY
COORDINATING ACTIVITY:

GSA - 7FXE

Preparing activity:
DLA - GS

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