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[INCH-POUND]

A-A-9008
January 9, 1991
SUPERSEDING
A-A-900A
April 20, 1982

COMMERCIAL ITEM DESCRIPTION

TAG, SHIPPING (PAPER)

The General Services Administration, Federal Supply Service, has authorized the use of this Commercial Item Description.

CLASSIFICATION:
This description covers the requirements for standard commercial cloth shipping tags, of the following types, grades, finish, color, sizes, and styles:

Type 1 - Printed
2 - Non-printed

Grade A - 20 R
B - 15 R
C - 20 SU
D - 15 SU
E - 13 SU
F - 10 SU

Finish 1 - Coated
2 - Uncoated

Color A - White
B - Red
C - Green
D - Blue
E - Yellow
F - Manila

Size 1 - 2-3/4" X 1-3/8"
2 - 3-1/4" X 1-5/8"
3 - 3-3/4" X 1-7/8"
4 - 4-1/4" X 2-1/8"
5 - 4-3/4" X 2-1/8"
6 - 5-1/4" X 2-5/8"
7 - 5-3/4" X 2-7/8"
8 - 6-1/4" X 3-1/8"

DISTRIBUTION STATEMENT A: Approved for public release; distribution is unlimited

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Ties A - Polished cotton
B - Polypropylene
C - Synthetic fiber
D - Wire
E - A, B or C at the suppliers option.
F - None

Reinforcement 1 - Metal eyelet
2 - None

1. SALIENT CHARACTERISTICS:

Materials used in the production of shipping tags shall be made in accordance with the physical requirements specified in Tables I & II below:

TABLE I

Grade designation	Thickness (tolerance ± 5 percent) (Inches) unless stated otherwise	Basis weight 22-1/2 by 28-1/2 inches, 500 sheets (tolerance ± 5 percent) (pounds) unless stated otherwise	Tearing resistance total of both directions (minimum) (grams)	Wet tensile strength, when specified, cross direction (minimum) (kilograms/15mm)
20 R	.020	200	1,900	10.0
15 R	.015	150	1,430	8.0
20 SU 1/	.020	200	1,130	6.2
15 SU	.015	150	850	5.0
13 SU	.013	130	610	-
10 SU	.010	100	460	-

1/ plus or minus 12-1/2 percent for thickness and weight.

TABLE II

Coated stocks, white and colored

Grade designation	Thickness Minimum (inch)	Thickness Maximum (inch)	Basis weight, 22-1/2 by 28-1/2 inches - 500 sheets Minimum (pounds)	Basis weight, 22-1/2 by 28-1/2 inches - 500 sheets Maximum (pounds)	Tearing resistance total of both directions (minimum) (grams)
20 CSU 1/	.020	.024	190	250	1,130
15 CSU	.015	.017	150	190	850
13 CSU	.013	.015	130	170	610

1/ plus or minus 12-1/2 percent for thickness and weight.

The following TAPPI tests shall be used to determine conformity to requirements: thickness, T-411; basis weight, T-410; tearing resistance (total of both directions) T-414; and wet tensile strength, T-456.

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The tags shall be strung with ties, as specified in the contract or order, of at least 12 inches of tinned, annealed or galvanized tag wire not less than 0.025 inch in diameter, or 12 inches of twine conforming to the material characteristics in Table III:

TABLE III

TWINE TYPE	PLY SIZE (MIN.)	TENSILE STRENGTH (LBS. MIN.)
polypropylene	1	20
polished cotton	6	18
synthetic fiber	3	25

ASTM test method D-2256 - configuration A, condition 1, shall be used to determine conformity of the twine ties to the requirements of this CID. The tensile strength of the wire ties shall be tested in accordance with ASTM method E-8.

The wire, twine or polypropylene shall be formed into a loop with even ends, passed through the eyelet of the tag, back through the loop, and tightened. Wire ties are to be secured by twisting and shall have ends of equal length.

The tags shall be furnished with a 7/32 ± 1/32 inch hole diameter, reinforced with a paper patch firmly attached to each surface and may be further reinforced with a noncorrosive metal eyelet, when specified. The hole is to be centered, and no more than 3/4 inch from the tying end.

Color, shape (square - rectangular), and dimensions (length and width) of the tags shall be as specified. A tolerance of ± 1/16 inch shall be permitted for the dimensions of the tags.

Printing and writing qualities: The tags shall be tested for printing and writing qualities as follows: Lines or characters shall be drawn or written on both sides of the tag with a a medium point "roller ball" type pen. To be considered satisfactory there shall be no feathering of the inked lines or characters.

Workmanship: The tags shall be free from any holes (other than required for stringing), tears, cuts, punctures, creases, folds, cracks, delaminations, and any ragged, uneven, or crushed edges. The tags shall be free of any defects adversely affecting appearance or serviceability.

2. QUALITY ASSURANCE:

Each lot of tags shall be inspected for conformance to the requirements of this Commercial Item Description. For inspection purposes, a lot shall consist of all tags manufactured under the same conditions. Sampling and acceptance shall be in accordance with MIL-STD-105, unless stated otherwise.

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Visual, dimensional, and workmanship characteristics - Shall be at Inspection Level S-2 with an Acceptable Quality Level (AQL) of 4.0 percent defective. The sample unit shall be one bag.

Component Testing - Sampling for referenced TAPPI test methods shall be in accordance with TAPPI T-400.

Packaging, packing, and marking - Shall be at Inspection Level S-2 with an AQL of 4.0 percent defective. The sample unit shall be one fully prepared shipping container.

3. PRESERVATION, PACKAGING, PACKING, LABELING, AND MARKING:

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

4. REFERENCED DOCUMENTS:

The issue of each referenced document in effect on the date of the solicitation shall be used to determine compliance with these requirements.

TAPPI test methods are available from:

The Technical Association of the Pulp and Paper Industry
(TAPPI)
Technology Park/Atlanta
P.O. Box 105113
Atlanta, GA. 30348

ASTM test methods are available from:

The American Society For Testing and Materials
(ASTM)
1916 Race Street
Philadelphia, PA. 19103

MIL-STD-105 is available from:

Naval Publications and Forms Center
5801 Tabor Avenue
Philadelphia, PA 19120

5. NOTES

A. ORDERING DATA - Ordering activities should specify the following:

(1) Type.
(2) Grade Designation.
(3) Finish.
(4) Color.
(5) Size.
(6) Ties.
(7) Reinforcement.
(8) Specific packaging, packing, labeling and marking requirements.
(9) palletization

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B. ITEM IDENTIFIERS/REFERENCE PART NUMBER SYSTEM (FOR CATALOGING USE ONLY)

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AA900-1 D 1 C 8 A 1 :This example describes a printed, Grade 15 SU,
                    :coated, green, 6-1/4" X 3-1/4", no tie, metal
                    :eyelet, shipping tag in accordance with CID
                    :A-A-900B.

                     Reinforcement 1 - Metal eyelet
                                   2 - None

                      Ties A - Polished cotton
                           B - Polypropylene
                           C - Synthetic fiber
                           D - Wire
                           E - A, B or C at the suppliers option.
                           F - None

                    Size 1 - 2-3/4" X 1-3/8"
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                         6 - 5-1/4" X 2-5/8"
                         7 - 5-3/4" X 2-7/8"
                         8 - 6-1/4" X 3-1/8"

                  Color A - White
                        B - Red
                        C - Green
                        D - Blue
                        E - Yellow
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                 Finish 1 - Coated
                        2 - Uncoated

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                      2 - Non-printed
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A-A 0008

DOD INTERESTS:
Military custodians:

Army - GL
Navy - SA
Air Force - 69

User Activities:
Army - AT
Navy - MC

Reviewing activities:
Army - AT
Army - ME
Navy - MC

Preparing activity:

GSA - FSS