EXPORT CONTROL DETERMINATION: (5) 75M11300, Marker Tape Specification, 8/11/99				AECD#: 9301 - 5	Stamp Revision: 10/24/2008
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DOCUMENTS

I#	PREF	DOCUMENT NUMBER	ISSUE	SIZE	SHTS	B/L NO.	SS	MODEL NUMBER	WUC
1	SP	75M11300	G	A	2	581.61	S1	K61-2742	S1FCAAB000

TECHNICAL REMARKS

Documentation Only

KK 8/11/99

APPROVALS 8/11 ABR

TECHNICAL CONTACT	MAIL CODE	DATE	R&QA	MAIL CODE	DATE
S. Grizzle, 867-5726	KA91-F152	8/11/99	N/A		
TECHNICAL			OTHER		
N/A			N/A		
SPACE AND WEIGHT			JOINT RELEASE		
N/A			N/A		
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N/A			for W. Bramblett	KA91-F152	8/11/99

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APPLICATION		PART NO.	MF	REVISIONS			
NEXT ASSY	USED ON			SYM	DESCRIPTION	DATE	APPROVAL
				G	REVISED AND REDRAWN	8/13/99	WWB 8/11/99

1. DESCRIPTION. Tape, vinyl, pressure-sensitive adhesive, printable, for use in identification. Two inches wide and lengths as specified in section 3.16.

2. MATERIALS.

2.1 Film. Polyvinylfluoride, modified PVC or PVC-vinyl acetate.

2.2 Adhesive. Pressure-sensitive requiring no special preparation to apply. Adhesive shall completely cover one side of the film.

2.3 Liner of Backing. Roll tape shall have a paper liner and strip sheets shall have a paper backing sheet that covers the adhesive and follows easy removal without damage to the adhesive.

3. PHYSICAL PROPERTIES FOR 2" WIDE TAPE.

3.1 Adhesion. Resistance to peel on itself: 30 ounce minimum.

3.2 Tensile Strength. Not applicable.

3.3 Elongate at Break. 100% minimum.

3.4 Stretch Force. 20 pounds minimum for 10% elongation.

3.5 Tear Resistance. 1.5 pounds minimum.

3.6 Creep. 3/16 inch maximum.

3.7 Shrinkage. 5% maximum.

3.8 Thickness. 0.003 to 0.008 inches

3.9 Water Solubility. 2% maximum.

3.10 Flame Retardance. Tape shall be self extinguishing when ignited.

3.11 Service Temperature. -20 to +212 degrees fahrenheit.

3.12 Fluid Resistance. Tape shall not deteriorate when exposed to oils or hydraulic fluids at KSC.

3.13 3.13 Transparency. Tape shall be from translucent to opaque with adhesive.

3.14 3.14 Shelf Life. One year minimum stored in original container at or below 75 degrees fahrenheit and 40% to 60% relative humidity.

COMPUTER FILE NAME:

11300G0.001

BOEING

UNLESS OTHERWISE SPECIFIED DIMENSIONS IN INCHES TOLERANCES ON FRACTIONS DECIMALS ANGLES	ORIGINAL DATE OF DRAWING 3 Apr. 64 DRAFTSMAN / CHECKER TRACER / STRESS	MARKER TAPE	JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA
MATERIAL	ENGINEER / ENGINEER		
HEAT TREATMENT	SUBMITTED Keith Jenkins	SCALE	DWG SIZE A — 75M11300
FINAL PROTECTIVE FINISH	APPROVED F. D. Griffin	UNIT WT	SHEET 1 OF 2

KSC FORM 21-2 (REV 9/65) C/G (2/89)

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVAL
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3.15 Printability. Tape shall be the capable of being hot stamped, type written, thermal transferred computer printed using manufacturer's recommended methods. Characters shall not bleed or become obscure during service life of the tape due to exposure to sunlight, oils, or hydraulic fluids. Darker shades of tape shall use white lettering and lighter shades of tape shall use black lettering. Green and blue tapes must be light enough to exhibit good contrast using black lettering.

3.16 Packaging. The tape shall be supplied in the following forms:
Standard Roll: 2" wide by 36 yards on 3" core.
Thermal Transfer Roll: 2" wide by 36 yards on 3" core.
Sheet: 5 vertical strips of 2" x 20" tape on a backing sheet.
Computer Sheet: 4 vertical 2" strips x 60 yard tape on a backing sheet with pin-feed borders for computer printing.

Note: The roll of tape shall be labeled as either standard or thermal transfer. The sheets are standard tape. Standard tape is used with hot-stamping, type writing, and computer printing.

3.17 Part Number. A dash number after 75M11300 denotes the color of the tape (Reference Table 1). Commercial equivalents to the 75M11300 are listed in Tables 2A and 2B.

Table 1: Color Code.

PART NUMBER	COLOR
75M11300-1	GREEN
75M11300-2	RED
75M11300-3	ORANGE
75M11300-4	YELLOW
75M11300-5	BROWN
75M11300-6	BLUE
75M11300-7	BLACK
75M11300-8	WHITE
75M11300-9	GRAY

Table 2: Standard Tape Equivalents

PART NUMBER	VENDOR
B-637 SERIES	BRADY
145L SERIES	FLORMEL
475 SERIES	3M
B-292 SERIES	BRADY

Table 2B: Thermal Transfer Tape Equivalents

PART NUMBER	VENDOR
XB-437 SERIES	BRADY

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11300G0.002

CODE IDENT NO.	DWG SIZE	75M11300
22264	A	SHEET 2 OF 2