

COLOR CODED AIRCRAFT TIRE IDENTIFICATION TAPE

APPLICATION: THIS STANDARD APPLIES TO ALL AIRCRAFT TIRES MANUFACTURED/REBUILT FOR THE DEPARTMENT OF DEFENSE.

PURPOSE: THIS STANDARD ESTABLISHES REQUIREMENTS FOR COLOR CODED AIRCRAFT TIRE IDENTIFICATION TAPE.

1. ALL AIRCRAFT TIRES MANUFACTURED/REBUILT FOR THE DEPARTMENT OF DEFENSE SHALL BE TAPED BEFORE DELIVERY, WITH A CIRCUMFERENTIAL BAND OF ONE (1) INCH, PRESSURE-SENSITIVE TAPE, COMPLETELY AROUND THE CENTERMOST RIB OF THE TREAD.
2. THE ENDS OF THE TAPE SHALL OVERLAP APPROXIMATELY FOUR (4) INCHES FOR ANY SPLICE AND UPON COMPLETION OF THE WRAP.
3. THE PRESSURE-SENSITIVE TAPE SHALL BE CONSTRUCTED SO THAT NORMAL SHIPPING AND HANDLING WILL NOT DEFACE OR REMOVE IT FROM THE TIRE, BUT SHALL BE EASILY REMOVED IN ONE CONTINUOUS STRIP PRIOR TO TIRE INSTALLATION.
4. THE TAPE COLORS AND SHADES SHALL BE IN ACCORDANCE WITH THIS STANDARD AND FEDERAL STANDARD 595.

TABLE I. TIRE YEAR OF MANUFACTURE DESIGNATION

(E)	YEAR OF MANUFACTURE 1/			COLOR	SHADE
	1977	1984	1991	GREY	26373
	1978	1985	1992	GREEN	14187
	1979	1986	1993	BLUE	15123
	1980	1987	1994	ORANGE	12246
	1981	1988	1995	YELLOW	13655
	1982	1989	1996	VIOLET	17142
	1983	1990	1997	RED	11105

- 1/ TIRES MANUFACTURED PRIOR TO 1977 SHALL BE IDENTIFIED BY RED TAPE (SHADE 11105) AND THE 1976 YEAR MARKING.

TABLE II. MANUFACTURER/REBUILDER DESIGNATION

(E)	MANUFACTURER/REBUILDER	COLOR	SHADE
	AIR-TREADS	RED	11136
	DUNLOP AVIATION	WHITE	17875
	B.F. GOODRICH	BLACK	17036
	GOODYEAR	GREEN	14062
	MICHELIN	YELLOW	13536
	SHELBY	PINK	11630
	THOMPSON	BROWN	10080

5. THE TAPE SHALL BE A SOLID COLOR TO INDICATE THE YEAR OF MANUFACTURE FOR BOTH NEW AND REBUILT TIRES. THE DATE OF REBUILDING SHALL NOT BE USED ON THE TAPE.
6. THE YEAR OF MANUFACTURE SHALL BE PRINTED ON THE TAPE. THE NUMBERS SHALL BE PRINTED IN THE CENTER OF THE TAPE, IN A NEAT, LEGIBLE MANNER AND SHALL BE REPEATED CONTINUOUSLY FOR TOTAL LENGTH OF THE TAPE PER GIVEN ROLL WITH THREE (3) INCHES SPACING BETWEEN PRINTED DATES. YEAR DATE NUMBERS SHALL BE THREE-QUARTERS (3/4) INCH IN HEIGHT, ONE-EIGHTH (1/8) INCH IN WIDTH AND BLACK OR WHITE IN COLOR. SPACING BETWEEN THE NUMBERS SHALL BE NO LESS THAN ONE-EIGHTH OR MORE THAN ONE-QUARTER (1/4) INCH. THE PRINTING SHALL BE INDELIBLE AND RESISTANT TO ANY ABRASION RESULTING FROM HANDLING OPERATIONS.
7. NEW TIRE IDENTIFICATION TAPE
 - 7.1 IN ADDITION TO THE SOLID COLOR AND PRINTED DATE TO INDICATE YEAR OF MANUFACTURE, THE TAPE FOR NEW TIRES SHALL HAVE A ONE-HALF (1/2) INCH WIDE HORIZONTAL STRIPE ACROSS THE WIDTH OF THE TAPE IN A COLOR CORRESPONDING TO THE MANUFACTURER'S IDENTIFICATION COLOR IN TABLE II. THE HORIZONTAL STRIPE SHALL BE REPEATED EVERY SIX (6) INCHES TO INDICATE MANUFACTURER OF THE TIRE. AN OPTIONAL THREE-SIXTEENTH (3/16) INCH WHITE BORDER IS PERMITTED AROUND THE STRIPE AS SHOWN IN FIGURE 1.
8. REBUILT TIRE IDENTIFICATION TAPE
 - 8.1 IN ADDITION TO THE SOLID COLOR AND PRINTED DATE TO INDICATE YEAR OF MANUFACTURE, THE TAPE FOR REBUILT TIRES SHALL HAVE A DIAMOND DESIGN PRINTED ON IT IN A COLOR CORRESPONDING TO THE REBUILDERS' IDENTIFICATION COLOR OUTLINED IN TABLE II. THE DIAMOND SHALL BE NO LESS THAN ONE AND ONE-QUARTER (1-1/4) INCHES AND NO MORE THAN ONE AND ONE-HALF (1-1/2) INCHES IN LENGTH AND APPROXIMATELY FIFTEEN-SIXTEENTHS (15/16) OF AN INCH IN WIDTH AND SHALL BE REPEATED EVERY SIX AND ONE-HALF (6-1/2) INCHES TO INDICATE THE REBUILDER AS ILLUSTRATED ON SHEET 3 OF THIS STANDARD. AN OPTIONAL THREE-SIXTEENTH (3/16) INCH WHITE BORDER IS PERMITTED AROUND THE STRIPE AS SHOWN IN FIGURE 1.
9. ALL NEW TIRE MANUFACTURERS AND REBUILDING CONTRACTORS SHALL SUBMIT A TEN (10) YARD SAMPLE OF EACH DIFFERENT COLOR CODED TAPE TO THE COGNIZANT ENGINEERING ACTIVITY FOR APPROVAL. EACH TAPE SHALL BE VERIFIED AS TO ITS CONFORMANCE WITH FEDERAL STANDARD 595 PRIOR TO USE.
10. COGNIZANT ENGINEERING ACTIVITY - THE DESIGNATED TRI-DEPARTMENT ENGINEERING ACTIVITIES ARE AS FOLLOWS:
ARMY - U.S. ARMY AVIATION RESEARCH AND DEVELOPMENT COMMAND, 4300 GOODFELLOW BLVD. ST. LOUIS, MO. 63120
AIR FORCE - 00-ALC/MHILBE, HILL AFB, UTAH 84056
NAVY - COMMANDING OFFICER, NAVAL AVIATION DEPOT, SAN DIEGO, CA. 92136-5112, ATTN: CODE 34300

(E) DENOTES CHANGES

PREPARING ACTIVITY NAVY - AS CUSTODIANS ARMY - AV NAVY - AIR FORCE - 99 DLA - REVIEW DATE 11, 70 USER PROJECT NUMBER 2620-0263	MILITARY SPECIFICATION SHEET TITLE TAPE, IDENTIFICATION, COLOR CODED, FOR AIRCRAFT TIRES	SPECIFICATION SHEET NUMBER MS14113E 18 JUL 90 SUPERSEDING MS141130 23 AUG 85 AMSC - N/A FSC 2620
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NOTE: DIMENSIONS ARE IN INCHES.

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