

ZZ-I-550E
Amendment -4
July 20, 1978
SUPERSEDING
Amendment -3
April 15, 1977

ADMENDMENT

TO

FEDERAL SPECIFICATION

INNER TUBE, PNEUMATIC TIRE

This Amendment, which forms a part of Federal Specification ZZ-I-550E, dated November 30, 1973, was approved by the Commissioner, Federal Supply Service, General Services Administration for the use of all Federal agencies.

Page 4

Paragraph 3.7: Delete in its entirety and substitute:

"3.7 Marking. Each inner tube shall be permanently marked with either the manufacturer's DOT Code, manufacturer's name or trademark, and with the inner tube size (see 3.7.1). Each butyl synthetic rubber inner tube shall be marked with one or more blue stripes (one to not be less than 3/16-inch wide) around the inner periphery of the tube. Each heat resistant (butyl synthetic rubber blend) tube shall be permanently marked with the words "heat resistant". This marking may be made on the body of the tube near the manufacturer's identification or on the valve."

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Paragraph 4.2.3 and 4.2.3.1. Delete in its entirety and substitute:

"4.2.3 First Article Testing. "

"4.2.3.1 Sampling for First Article Testing. Unless otherwise specified (see 6.2), a minimum sample of three tubes shall be furnished by the contractor for first article testing. When more than one size is represented in the lot, one tube of each size shall be tested. Inspection shall be conducted by the supplier and shall consist of testing as specified in Table I using an AQL of 6.5 on the basis of percent defective."

Example:

3 tubes for a lot of one size.

2 tubes of 1 size and 1 tube of the other size for a lot consisting of two sizes (QAS shall decide which of the two sizes shall have a two tube sample.

1 tube for each size of a lot consisting of three sizes, 3 tubes.

1 tube for each size of a lot consisting of four sizes, 4 tubes. etc.

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Table I. Applicable Tests: Change the third column heading from "Acceptance Inspection" to "First Article Tests."

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Page 12: Delete in its entirety and substitute:

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- (k) When control testing is not to be performed by the supplier (see 4.3.1.1).
- (l) When control test report is to be forwarded and to whom (see 4.3.1.1).
- (m) Selection of applicable level of preservation, packaging, and packing (see 5.1 and 5.2).

6.3 Material furnished for tests, Inner tubes used for or in tests shall be furnished by the manufacturer without cost to the Government.

MILITARY INTERESTS

CIVIL AGENCY COORDINATING ACTIVITIES:

Custodians

DOT - ACO, MVP

Army - AT
Navy - YD
Air Force - 84

USER INTEREST

- ME

PREPARING ACTIVITY: GSA-FSS

Page 15 Delete in its entirety and substitute.

GROUP 2 (Continued)

APPENDIX A
ZZ-I-550E

Tube size	Periphery (minimum) inches	Length (minimum) inches	Volume of rubber (minimum) cu. inches
9.00-16	18.6	72	135
9 00-18	19.6	80	180
9 00-20	19.6	83	175
10.00-15	21.2	68	161
10.00-20	21.2	84	208
10.00-22	21.2	91	221
10.00-24	21.2	97	302
10.3-20	22.3	83	188
*10.50/11.00-18	23.5	80	250

GROUP 2 (Continued)

APPENDIX A
ZZ-I-550E

Tube size	Periphery (minimum) inches	Length (minimum) inches	Volume of rubber (minimum) cu. inches
11.00-15	22.6	72	180
11.00-16	24.5	75	207
11.00-20	22.8	86	215
11.00-22	22.8	93	233
11.00-24	22.8	99	291
12.00-20/21	24.3	90	294
12.00-22	24.3	96	320
12.00-24/25	24.3	102	340
13.00-20	26.7	92	373
13.00-24/25	26.7	99	422
14.00-20/21	28.3	94	360
14.00-24/25	28.3	104	428

*Fits tire sizes 10.50-18, 11.00-18

Tubes for wide base tires			
8.00-16.5	14.1	62	57
8.75-16.5	15	62	66
9.50-16.5	15	62	66
10-16.5	20.4	63.1	120
12-16.5	22	67	122