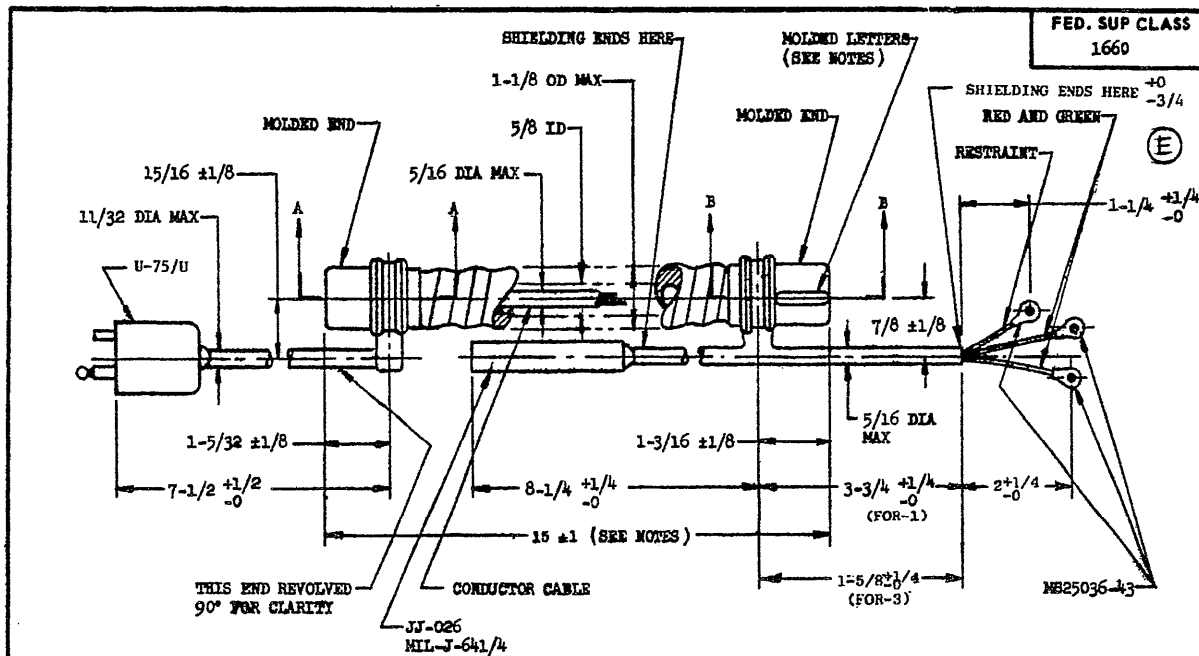


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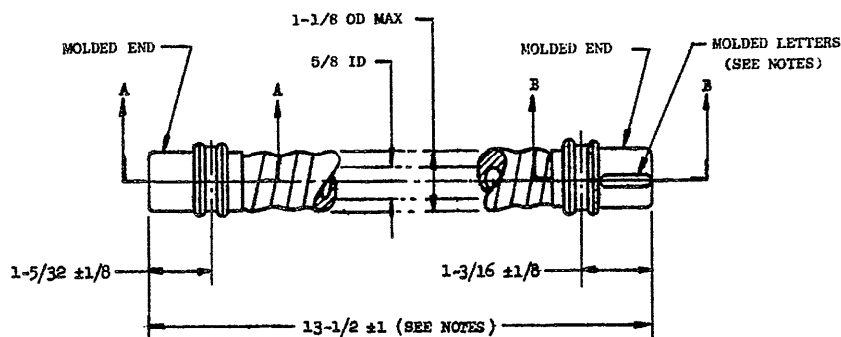
REVIEWERS: USER:

ARMY - AV  
USAF - 11 and 99  
NAVY - AS

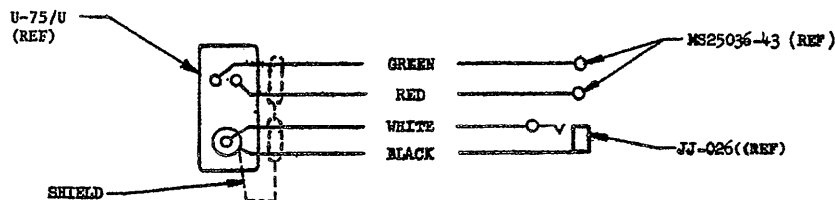
This military standard is approved by the Department of Defense and is mandatory for use by all Departments & Agencies of the Department of Defense. Selection for all new engineering and design applications and for repetitive use shall be made from this document.



TYPE II



TYPE I



WIRING SCHEMATIC (FOR TYPE II ONLY)

| DASH NO. | TYPE               | INTENDED USE             |
|----------|--------------------|--------------------------|
| -1       | TYPE II (W/CABLE)  | MIL-M-6482 (OXYGEN MASK) |
| -2       | TYPE I (W/O CABLE) |                          |
| -3       | TYPE II (W/CABLE)  | MIL-M-19417 (SMOKE MASK) |

(E) DENOTES CHANGES

|   |  |                              |
|---|--|------------------------------|
| P.A. Navy-AM<br>Other Cust<br>Army - AV<br>Air Force - 11 | TITLE<br>NOSE ASSEMBLY, OXYGEN MASK TO CONNECTOR | MILITARY STANDARD<br>MS90339 |
| PROCUREMENT SPECIFICATION<br>MIL-R-81581/4 (E)            | SUPERSEDES:<br>ACEL DWG 3361079-2, -3            | SHEET 1 OF 2                 |

DD FORM 672-1 (Coordinated)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

PROJECT NO. 1660-0480

PLATE NO. 13320

APPROVED 15 MAR 65  
REVISED Q 15 Sep 1965  
B 30 Mar 1966  
C 29 September 1966  
D 10 MAR 1967  
E 11 FEB 83

FED. SUP CLASS  
1660

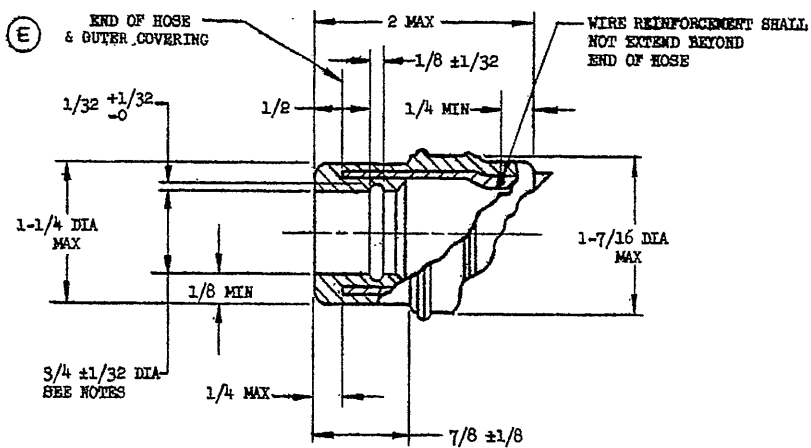
SHIELDING ENDS HERE  
RED AND GREEN  
RESTRAINT  
+0  
-3/4  
(E)

FED. SUP CLASS  
1660

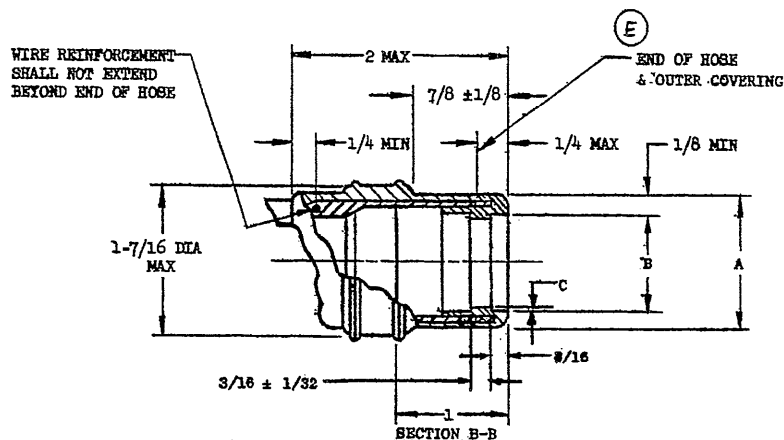
NOTICE - REVIEW/USER INFORMATION IS CURRENT AS OF DATE OF THIS DOCUMENT. FOR FUTURE COORDINATION OF CHANGES TO THIS DOCUMENT, DRAFT CIRCULATION SHOULD BE BASED ON THE INFORMATION IN THE CURRENT DODISS.

REVIEWERS: USER:  
ARMY - AV  
USAF - 11 and 99  
NAVY - AS

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SECTION A-A



SECTION B-B

| DASH NO | "A" DIA    | "B" DIA      | C               |
|---------|------------|--------------|-----------------|
| -14-2   | 1 1/4 MAX  | 29/32 ± 1/32 | 1/32 + 1/32 - 0 |
| -3      | 1 3/16 MAX | 7/8          | —               |

## NOTES:

- (E) 1. MATERIAL: HOSE ASSEMBLY SHALL BE FABRICATED IN ACCORDANCE WITH MIL-H-81581/4. DIMENSIONING AND TOLERANCING SHALL BE IN ACCORDANCE WITH ANSI Y14.5.
2. DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: FRACTIONS  $\pm 1/16$ .
3. THE INSIDE DIAMETER AND THE LENGTH OF THE HOSE SHALL BE MEASURED WITH THE HOSE IN A RELAXED, HORIZONTAL POSITION.
4. MOLD "MARK END" IN LOCATION SHOWN IN 1/16 INCH HIGH LETTERS.
5. ORIENTATION OPTIONAL.
- ~~6. THE ELECTRICAL PORTION OF THE HOSE ASSEMBLY SHALL MEET THE TEST REQUIREMENTS IN THE FOLLOWING PARAGRAPHS OF MIL-C-21479.~~
- ~~(a.) PARAGRAPH 4.5.4.1 ELECTRICAL CONTINUITY~~
- ~~(b.) PARAGRAPH 4.5.4.2 INSULATION RESISTANCE~~
- ~~(c.) PARAGRAPH 4.5.4.4 CONNECTORS~~
- ~~7. THE ABOVE TESTS SHALL BE CONDUCTED IN ACCORDANCE WITH PARAGRAPH 4.5.2 OF MIL-H-22486, INSPECTION LEVEL I, TABLE IIIA.~~
- (E) 8. FOR ELECTRICAL REQUIREMENTS, SEE NADC DWG. 80206/32A1322
- (E) 9. FOR OXYGEN HOSE INDEX, SEE DWG. NO. 30003/280AS100

FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID.

|  |   |                   |
|--|---|-------------------|
| P.A. Navy - AS                                 | TITLE                                   | MILITARY STANDARD |
| Other Cust                                     | HOSE ASSEMBLY, OXYGEN MASK TO CONNECTOR | MS90339           |
| ARMY - AV<br>Air Force - 11                    |   |                   |
| PROCUREMENT SPECIFICATION<br>MIL-H-81581/4 (E) | SUPERSEDES:<br>AUGL DWG 3301079-2, -3   | SHEET<br>2        |