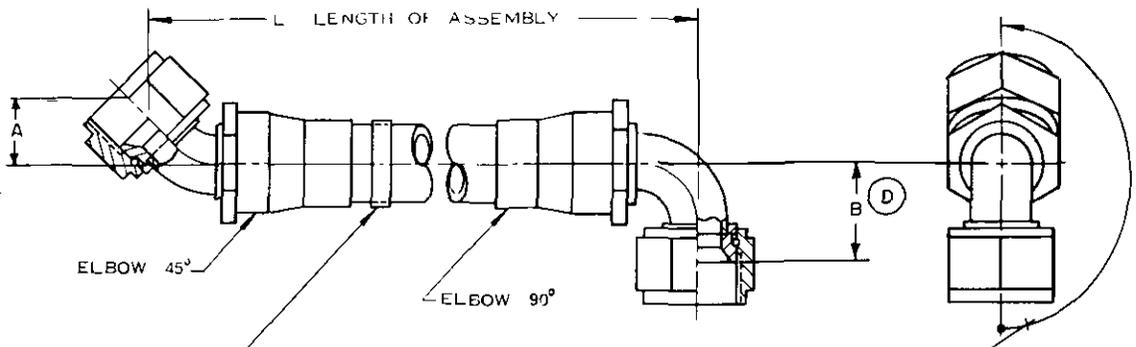


FED SUP CLASS  
4720



PERMANENT BAND CARRYING THE FOLLOWING MARKINGS :

MS PART NO.  
MFR. NAME OF TRADEMARK  
HOSE MFR. FED SUPPLY CODE NO.  
OPERATING PRESSURE 3000 P.S.I  
PRESSURE TEST SYMBOL "PT"  
DATE OF HOSE ASSY. MFR. EXPRESSED  
IN TERMS OF MONTH AND YEAR

ANGLE ORIENTATION  
MEASURED IN DEGREES  
COUNTER-CLOCKWISE

TOLERANCE :  
± .2° FOR ALL HOSE LENGTHS

| DASH NO. | CODE LETTER | TUBING<br>O.D. REF | HOSE<br>I.D. REF | "A" REACH |       | "B" REACH |       |
|----------|-------------|--------------------|------------------|-----------|-------|-----------|-------|
|          |             |                    |                  | MIN       | MAX   | MIN       | MAX   |
| - 4      | E           | 1/4                | 7/32             | .248      | .436  | .500      | .805  |
| - 6      | G           | 3/8                | 5/16             | .370      | .550  | .673      | 1.006 |
| - 8      | H           | 1/2                | 7/16             | .438      | .650  | .797      | 1.300 |
| - 10     | J           | 5/8                | 9/16             | .538      | .810  | 1.140     | 1.670 |
| - 12     | K           | 3/4                | 11/16            | .588      | .890  | 1.340     | 1.940 |
| - 16     | M           | 1                  | 7/8              | .680      | .955  | 1.544     | 2.217 |
| - 20     | N           | 1-1/4              | 1-1/8            | .905      | 1.030 | 2.172     | 2.297 |

SWIVEL NUTS MUST HAVE HEX DIMENSIONS IN ACCORDANCE WITH AN818 AND MUST BE INCAPABLE OF BEING REMOVED FROM THE FITTING ASSEMBLY .

FITTING END TO MATE WITH MS33656.

HOSE ASSEMBLIES TO BE SPECIFIED AS :

- 12 INCHES LONG AND UNDER-INCREMENTS NOT LESS THAN 1/8 INCH (TOLERANCE ± 1/8 INCH)
- 12 INCHES TO 18 INCHES LONG -INCREMENTS NOT LESS THAN 1/4 INCH (TOLERANCE ± 1/8 INCH)
- 18 INCHES TO 36 INCHES LONG -INCREMENTS NOT LESS THAN 1/2 INCH (TOLERANCE ± 1/4 INCH)
- OVER 36 INCHES LONG-INCREMENTS NOT LESS THAN 1 INCH (TOLERANCE ± 1% OF LENGTH)

THE PART NO. SHALL BE FORMULATED TO REFLECT THE BASE ASSEMBLY NUMBER, SIZE, LENGTH AND ANGLE.

Ⓢ CANCELLED - FOR PROCUREMENT USE AS157 AND AS631

User activities:

Review activities:

DISTRIBUTION STATEMENT A. APPROVED FOR PUBLIC RELEASE; DISTRIBUTION IS UNLIMITED.  
This military standard has been approved by the Department of Defense and is mandatory for use by all Departments and Agencies of the Department of Defense. Selection for all new engineering and design applications and for repetitive use shall be made from this document.

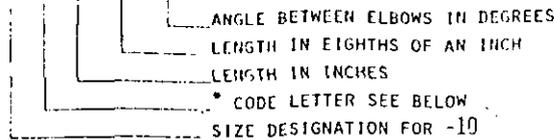
|   |  |                                     |
|---|--|-------------------------------------|
| P. A. USAF - II<br>Other Cust: Army - ME<br>Navy - AS | TITLE HOSE ASSEMBLY,<br>TETRAFLUOROETHYLENE, HYDRAULIC<br>AND PNEUMATIC, (3000 P.S.I.), ELBOW<br>45° TO ELBOW 90° FLARED | MILITARY STANDARD<br><b>MS27367</b> |
| PROCUREMENT SPECIFICATION<br>MIL-H- 38360             | SUPERSEDES.  | SHEET 1 OF 2                        |

APPROVED 2 Apr 65 REVISED (A) 7 Dec 66 (B) 21 Nov 67 (C) 21 May 68 (D) 18 Aug 72 (E) 15 DEC 76 (F) 20 JUNE 1986

FED. SUP CLASS  
4720

EXAMPLE OF PART NUMBER

MS 27367 J \* 16 4 030



\* ADD CODE LETTER BELOW FOR ADDITIONAL FEATURES (IF REQUIRED)

- "A" AS 1072-xx-SIL SLEEVE, FIRE PROTECTION (SILICONE) (-65°F (-54°C) THRU +500°F (+260°C)) SECURE WITH CRES BANDS AS REQUIRED
- "B" AS 1073-xx-A/B SLEEVE, HEAT SHRINKABLE (-65°F (-54°C) THRU +250°F (121°C)) (A DESIGNATES TRANSPARENT COVER FOR I.D. BANDS, ETC., MATERIAL IRRADIATED POLYOLEFIN, HOT FLAME RESISTANT) (B DESIGNATES OPAQUE BLACK COVER FOR ABRASION PROTECTION, SELF-EXTINGUISHING IN FLAME)
- "C" AS 1291-xx-A/B SLEEVE, CHAFEGUARD, TFE (-65°F (-54°C) THRU +500°F (+232°C)) (A DESIGNATES WHITE EXTRUDED AND SEAMLESS) (B DESIGNATES BLACK EXTRUDED AND SEAMLESS) WITH CRES BANDS, AS REQUIRED
- "D" AS 1291-xx-C SLEEVE, CHAFE GUARD, FEP (-65°F (-54°C) THRU +350°F (+177°C)) (C DESIGNATES TRANSPARENT FEP) SECURE WITH CRES BANDS AS REQUIRED
- "E" AS 1291-xx SLEEVE, HEAVY WALL, CHAFE GUARD, TFE (-65°F (-54°C) THRU +450°F (+232°C)) SECURE WITH CRES BANDS
- "L" LOCKWIRE HOLE
- "F" CODE A + L
- "G" CODE B + L
- "H" CODE C + L
- "J" CODE D + L
- "K" CODE E + L

THE CUT ENDS OF THE FIRE PROTECTION SLEEVE (CODE A) SHALL BE COATED WITH RTV SILICONE RUBBER, PRIOR TO INSTALLATION TO PREVENT WICKING OF FLUIDS. AFTER INSTALLATION, CRACKS OR VOIDS IN THE FIRE PROTECTION SLEEVE, WHICH EXPOSE THE ASBESTOS, SHALL BE COATED WITH RTV RUBBER.

A TRUE CIRCULAR CROSS SECTION IS NOT REQUIRED WITHIN THE ANGLE OF THE BAND OF THE END FITTING, HOWEVER, A BALL .031 INCH SMALLER THAN THE STRAIGHT TUBE I.D. MUST PASS THROUGH THE ENTIRE TUBE AFTER BENDING.

DIMENSIONS IN INCHES.

FOR DESIGN PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.

REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATION FOR BID.

USER ACTIVITIES

REVIEWER ACTIVITIES

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

APPROVED 2Apr65 REVISED A 7Dec66 B 21Nov67 C 21May68 D 18Aug72 E 15Dec76 F 20 Jun 86

|   |  |   |                   |
|---|--|---|-------------------|
| P. A.<br>AIR FORCE - 11<br>Other Cust<br>ARMY - ME<br>NAVY - AS | INTERNATIONAL INTEREST                   | TITLE<br>HOSE ASSEMBLY, TETRAFLUOROETHYLENE, HYDRAULIC AND PNEUMATIC, (3000 P.S.I.) ELBOW 45° TO ELBOW 90° FLARED | MILITARY STANDARD |
|   | PROCUREMENT SPECIFICATION<br>MIL-H-20360 | SUPERSEDES:   | MS 27367          |
|   |  |   | SHEET 2 OF        |