



PERMANENT BAND CARRYING THE FOLLOWING MARKINGS:

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

| DASH NO. | CODE LETTER | TUBING O.D. REF. | HOSE I.D. REF. | "A" REACH | |
|----------|-------------|---------------------|-------------------|-----------|-------|
| | | | | MIN | MAX |
| 4 | E | 1/4 | 7/32 | .248 | .436 |
| 6 | G | 3/8 | 5/16 | .370 | .550 |
| 8 | H | 1/2 | 7/16 | .438 | .650 |
| 10 | J | 5/8 | 9/16 | .538 | .810 |
| 12 | K | 3/4 | 1 1/16 | .588 | .890 |
| 16 | M | 1 | 7/8 | .680 | .955 |
| 20 | N | 1-1/4 | 1-1/8 | .905 | 1.030 |

A TRUE CIRCULAR CROSS SECTION IS NOT REQUIRED WITHIN THE ANGLE OF THE BEND OF THE END FITTING, HOWEVER, A BALL .031 INCH SMALLER THAN THE STRAIGHT TUBE I.D. MUST PASS THROUGH THE ENTIRE TUBE AFTER BENDING. SWIVEL NUTS MUST HAVE HEX DIMENSIONS IN ACCORDANCE WITH AN 818 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 $\pm 1/8$ INCH)
- 12 INCHES TO 18 INCHES LONG—INCREMENTS NOT LESS THAN 1/4 INCH (TOLERANCE $\pm 1/8$ INCH)
- 18 INCHES TO 36 INCHES LONG—INCREMENTS NOT LESS THAN 1/2 INCH (TOLERANCE $\pm 1/4$ INCH)
- OVER 36 INCHES LONG—INCREMENTS NOT LESS THAN 1 INCH (TOLERANCE $\pm 1\%$ OF LENGTH)

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

Ⓔ CANCELLED - FOR PROCUREMENT USE AS154 AND AS628

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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.

User activities:

Review activities:
Army - AF, AV, VI
Navy - AS
USAF - II, 82

| | | |
|---|---|------------------------------|
| P. A. USAF-II Other Cust: Army - ME Navy - AS | TITLE HOSE ASSEMBLY, TETRAFLUOROETHYLENE, HYDRAULIC AND PNEUMATIC, (3000 P.S.I.), STRAIGHT TO ELBOW 45°, FLARED | MILITARY STANDARD MS27364 |
| PROCUREMENT SPECIFICATION MIL-H-38360 | SUPERSEDES: | SHEET 1 OF 2 |

FED. SUP CLASS
4720

EXAMPLE OF PART NUMBER

MS 27364



LENGTH IN EIGHTHS OF AN INCH

LENGTH IN INCHES

* CODE LETTER SEE BELOW

SIZE DESIGNATION FOR -10

* 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)) (XA DESIGNATES TRANSPARENT COVER FOR I.D. BANDS, ETC., MATERIAL IRRADIATED POLYOLEFIN, NOT 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.

DIMENSIONS IN INCHES.

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

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

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|---------------------------------------|--|--|-----------------------------------|
| P. A. AIR FORCE - 11 Other Cust | INTERNATIONAL INTEREST | TITLE HOSE ASSEMBLY, TETRAFLUOROETHYLENE, HYDRAULIC AND PNEUMATIC, (3000 P.S.O.), STRAIGHT TO ELBOW 450, FLARED | MILITARY STANDARD MS 27364 |
| ARMY - ME NAVY - AS | PROCUREMENT SPECIFICATION MIL-H-38360 | SUPERSEDES: | SHEET 2 OF |

USER ACTIVITIES

REVIEWER ACTIVITIES

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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 Jun 86