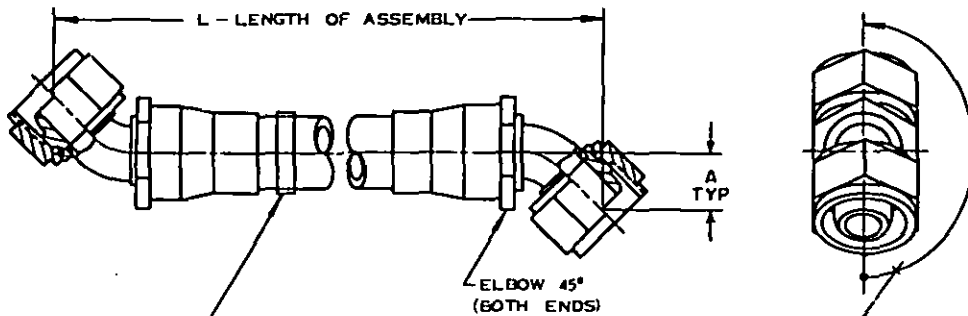


FED. SUP. CLASS
4720



PERMANENT BAND CARRYING THE FOLLOWING MARKING:
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

ANGLE ORIENTATION MEASURED IN DEGREES COUNTER-CLOCKWISE

TOLERANCE:
± 2° FOR ALL HOSE LENGTHS

DASH NO.	CODE LETTER	TUBING O.D. REF.	HOSE I.D. REF.	A REACH (D)	
				MIN	MAX
4	E	1/4	7/32	.340	.560
6	G	3/8	5/16	.479	.700
8	H	1/2	7/16	.607	.810
-10	J	5/8	9/16	.687	1.000
-12	K	3/4	1 1/16	.770	1.060
-16	M	1	7/8	.899	1.155
-20	N	1-1/4	1-1/8	1.106	1.231

SWIVEL NUTS MUST HAVE HEX DIMENSIONS IN ACCORDANCE WITH MS21921, AND MUST BE INCAPABLE OF BEING REMOVED FROM THE FITTING ASSEMBLY.

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. FITTING END TO MATE WITH MS 33514.

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)

Ⓢ CANCELLED - FOR PROCUREMENT USE AS118 AND AS624

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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 - ME, AV, II
Navy - AS
USAF - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50

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

P. A. USAF - II Other Cust: Army - ME Navy - AS	TITLE HOSE ASSEMBLY, TETRAFLUOROETHYLENE, HYDRAULIC AND PNEUMATIC, (3000 P.S.I.), ELBOW 45° TO ELBOW 45°, FLARELESS	MILITARY STANDARD MS27372
PROCUREMENT SPECIFICATION MIL-H-38360	SUPERSEDES:	SHEET 1 OF 2

4720-0741

EXAMPLE OF PART NUMBER

MS 27372



ANGLE BETWEEN ELBOWS IN DEGREES
 LENGTH IN EIGHTHS OF AN INCH
 CODE LETTER SEE BELOW
 SIZE DESIGNATION FOR -JO

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

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

This military standard is approved by the Department of Defense and shall be used by that activity. All other military activities are permitted to employ this standard where suitable.

P. A. AIR FORCE - 11 Other CMM ARMY - ME NAVY - AS	INTERNATIONAL INTEREST	TITLE HOSE ASSEMBLY, TETRAFLUOROETHYLENE, HYDRAULIC AND PNEUMATIC, (3000 P.S.I.), ELBOW 45° TO ELBOW 45°, FLARELESS	MILITARY STANDARD
			MS 27372
PROCUREMENT SPECIFICATION MIL-H-38360	SUPERSEDES:		SHEET 2 OF