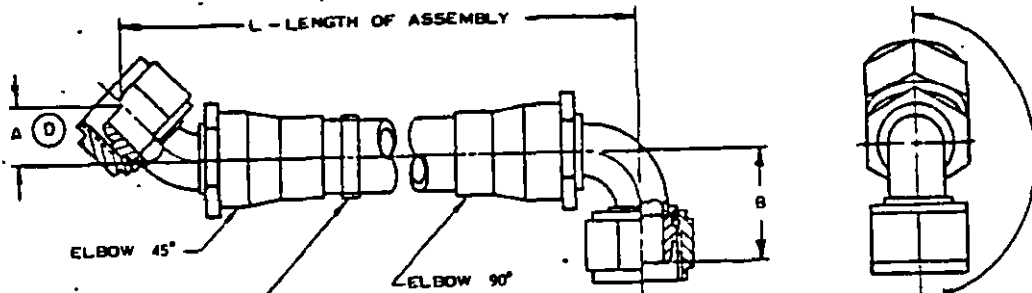


FED. SUP. CLASS
4720

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 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 O.D. REF.	HOSE I.D. REF.	A REACH		B REACH	
				MIN	MAX	MIN	MAX
-4	E	1/4	7/32	.340	.560	.660	.956
-6	G	3/8	5/16	.475	.700	.910	1.196
-8	H	1/2	7/16	.607	.810	1.063	1.520
-10	J	5/8	9/16	.687	1.000	1.400	1.940
-12	K	3/4	1 1/16	.770	1.060	1.550	2.180
-16	M	1	7/8	.899	1.155	1.854	2.500
-20	N	1-1/4	1-1/8	1.106	1.231	2.453	2.578

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 MS33514.

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 ± 1/2 OF LENGTH)

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

Ⓔ CANCELLED - FOR PROCUREMENT USE AS119 AND AS625

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 90°, FLARELESS

PROCUREMENT SPECIFICATION
MIL-H-38360

SUPERSEDES:

MILITARY STANDARD
MS27373

SHEET 1 OF 2

4720-0742

User activities:

Army - ME, 27, MI
Navy - AS
Unit - 11, 62

Review activities:

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.

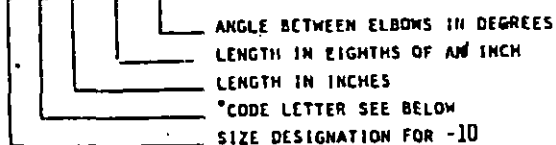
APPROVED 2 Apr 65 REVISED A 7 Dec 66 B 21 Nov 67 C 21 May 68 D 18 Aug 72 E 13 Dec 76 F 20 June 1985

FED. SUP CLASS
4720

EXAMPLE OF PART NUMBER

MS 27373

16 9 030



* 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, 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.

P. A. AIR FORCE - 1 NAVY - AS	INTERNATIONAL INTEREST	TITLE HOSE ASSEMBLY, TETRAFLUOROETHYLENE, HYDRAULIC AND PNEUMATIC (3000 P.S.I.), ELBOW 15° TO ELBOW 00 FLARELESS	MILITARY STANDARD MS 27373
PROCUREMENT SPECIFICATION MIL-H-38360	SUPERSEDED	SHEET 2 OF	

DD FORM 672-1 (UNCLASSIFIED)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

USDA ALIEN/IN/3

THE FOLLOWING INFORMATION IS UNCLASSIFIED

THIS DOCUMENT IS UNCLASSIFIED EXCEPT FOR THE PORTION OF THE DOCUMENT WHICH IS THE PROPERTY OF THE DEPARTMENT OF DEFENSE. THE PORTION OF THE DOCUMENT WHICH IS THE PROPERTY OF THE DEPARTMENT OF DEFENSE IS UNCLASSIFIED EXCEPT FOR THE PORTION OF THE DOCUMENT WHICH IS THE PROPERTY OF THE DEPARTMENT OF DEFENSE.