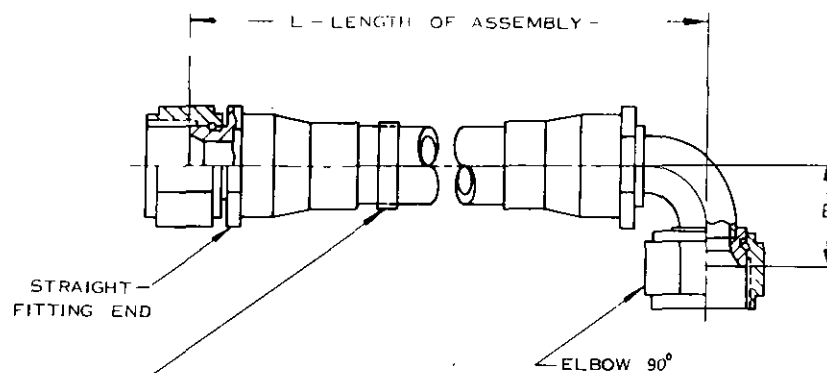


FED. SUP. CLASS  
4720

## 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 ASS'Y. MFR. EXPRESSED  
IN TERMS OF MONTH AND YEAR

DASH NO.	CODE LETTER	TUBING O.D. REF.	HOSE I.D. REF.	"B" REACH	
				MIN.	MAX.
-4	E	1/4	7/32	.500	.805
-6	G	3/8	5/16	.673	1.006
-8	H	1/2	7/16	.797	1.300
-10	J	5/8	9/16	1.140	1.670
-12	K	3/4	1 1/16	1.340	1.940
-16	M	1	7/8	1.544	2.217
-20	N	1-1/4	1-1/8	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  $\pm 1/8$  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  $\pm 10\%$  OF LENGTH)

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

Ⓕ CANCELLED - FOR PROCUREMENT USE AS155 AND AS629

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User activities:

Review activities:  
AS 155  
AS 629  
21 32

P.A. USAF-II  
Other Cust: Army - ME  
Navy - AS  
PROCUREMENT SPECIFICATION  
MIL-H-38360

TITLE HOSE ASSEMBLY,  
TETRAFLUOROETHYLENE, HYDRAULIC  
AND PNEUMATIC, (3000 P.S.I.) STRAIGHT  
TO ELBOW 90°, FLARED  
SUPERSEDES:

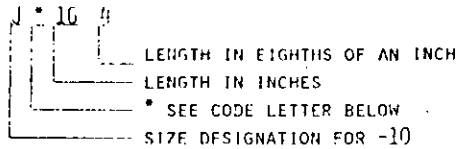
MILITARY STANDARD  
**MS27365**  
SHEET 1 OF 2

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 1985

FED. SUP CLASS  
4720

EXAMPLE OF PART NO.

MS 27365 J \* 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)) (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

A TRUE CIRCULAR CROSS SECTION IS NOT REQUIRED WITHIN THE ANGLE OF THE BEND OF THE END FITTING, HOWEVER, A BALL .051 INCH SMALLER THAN THE STRAIGHT TUBE I.D. MUST PASS THROUGH THE ENTIRE TUBE AFTER BENDING.

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 INVITATIONS 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.

AIR FORCE - 11 Other Cust ARMY - ME NAVY - AS	INTERNATIONAL INTEREST	TITLE HOSE ASSEMBLY, TETRAFLUOROETHYLENE, HYDRAULIC AND PNEUMATIC, (3000 P.S.I.) STRAIGHT TO ELBOW 90°, FLARED	<b>MILITARY STANDARD</b>  <b>MS 27365</b>
PROCUREMENT SPECIFICATION MIL-H-38360		SUPERSEDES:	SHEET 2 OF

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 36