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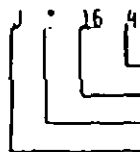
FED. SUP. CLASS 4720																																																			
<table border="1"> <thead> <tr> <th rowspan="2">DASH NO.</th> <th rowspan="2">CODE LETTER</th> <th rowspan="2">TUBING O.D. REF.</th> <th rowspan="2">HOSE I.D. REF.</th> <th colspan="2">A REACH (D)</th> </tr> <tr> <th>MIN</th> <th>MAX</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>E</td> <td>1/4</td> <td>7/32</td> <td>.340</td> <td>.560</td> </tr> <tr> <td>6</td> <td>G</td> <td>3/8</td> <td>5/16</td> <td>.479</td> <td>.700</td> </tr> <tr> <td>8</td> <td>H</td> <td>1/2</td> <td>7/16</td> <td>.607</td> <td>.810</td> </tr> <tr> <td>-10</td> <td>J</td> <td>5/8</td> <td>9/16</td> <td>.687</td> <td>1.000</td> </tr> <tr> <td>-12</td> <td>K</td> <td>3/4</td> <td>1 1/16</td> <td>.770</td> <td>1.060</td> </tr> <tr> <td>-16</td> <td>M</td> <td>1</td> <td>7/8</td> <td>.899</td> <td>1.155</td> </tr> <tr> <td>-20</td> <td>N</td> <td>1-1/4</td> <td>1-1/8</td> <td>1.106</td> <td>1.231</td> </tr> </tbody> </table>		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
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<p>SWIVEL NUTS MUST HAVE HEX DIMENSIONS IN ACCORDANCE WITH MS21921, AND MUST BE INCAPABLE OF BEING REMOVED FROM THE FITTING ASSEMBLY.</p> <p>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.</p> <p>HOSE ASSEMBLIES TO BE SPECIFIED AS:</p> <ul style="list-style-type: none"> 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) 																																																			
<p>Ⓔ CANCELLED - FOR PROCUREMENT USE AS118 AND AS624</p>																																																			
<p>P.A. USAF - II Other Cust: Army - ME Navy - AS</p>	<p>TITLE HOSE ASSEMBLY, TETRAFLUOROETHYLENE, HYDRAULIC AND PNEUMATIC, (3000 P.S.I.), ELBOW 45° TO ELBOW 45°, FLARELESS</p>																																																		
<p>PROCUREMENT SPECIFICATION MIL-H-38360</p>	<p>SUPERSEDES:</p>																																																		
<p>MILITARY STANDARD MS27372</p>																																																			
<p>SHEET 1 OF 2</p>																																																			

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

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 -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

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

P. A. AIR FORCE - 11 O-101 C-111 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	