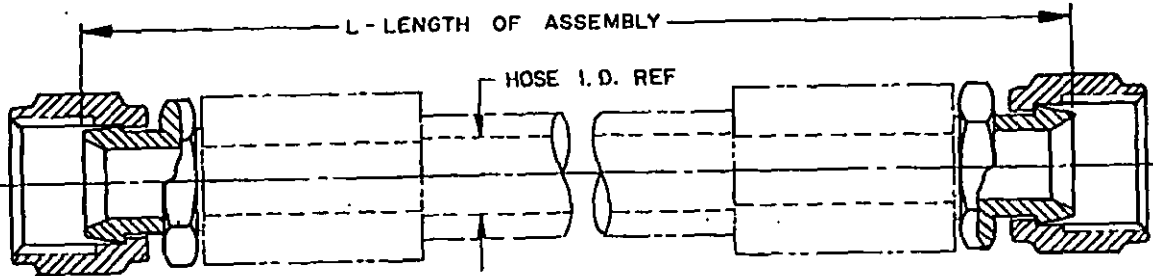


FED. SUP CLASS  
4720

REVIEW ACTIVITIES: ARMY-ME., AR; DLA-CS  
USER ACTIVITY: NAVY-MC, YD, SH



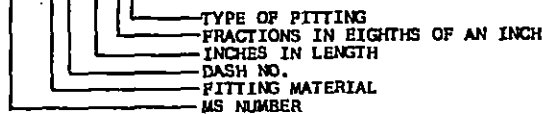
NUT MUST SWIVEL  
FREELY AFTER ASSEMBLY

DASH NO.	HOSE I.D. REF.	HOSE O.D. REF.	FITTING THREAD REF.
- 4	3/16	.484	7/16-20
- 5	1/4	.547	1/2-20
- 6	5/16	.609	9/16-18
- 8	13/32	.734	3/4-18
- 10	1/2	.828	7/8-14
- 12	5/8	.953	1-1/16-12
- 16	7/8	1.203	1-5/16-12
- 20	1-1/8	1.484	1-5/8-12
- 24	1-3/8	1.722	1-7/8-12
- 32	1-13/16	2.143	2-1/2-12

NOTES:

- MATERIAL: THE HOSE USED IN THESE ASSEMBLIES SHALL BE IN ACCORDANCE WITH MIL-H-13444, TYPE III.
- FITTINGS SHALL BE OF THE SAE J516 FEMALE 37° FLARED TYPE AND AS SPECIFIED IN MIL-H-13444.
- HOSE ASSEMBLIES SHALL BE SPECIFIED IN THE FOLLOWING LENGTH INCREMENTS:
  - UNDER 24 INCHES - IN 1/2 INCH INCREMENTS.
  - 24 TO 36 INCHES - IN 1 INCH INCREMENTS.
  - OVER 36 INCHES - IN NOT LESS THAN 2 INCH INCREMENTS.
- TOLERANCES: ±1/8 FOR LENGTH UNDER 18 INCHES, ±1/4 FOR LENGTH FROM 18 TO 36 INCHES, ±1/2 FOR LENGTH FROM 36 TO 50 INCHES, ±1% FOR LENGTH OVER 50 INCHES.
- THE MS PART NUMBER SHALL CONSIST OF THE MS NUMBER; THE DASH NUMBER INDICATING SIZE; THE CODE LETTER INDICATING TYPE OF FITTING ("R" INDICATES REUSEABLE AND "P" INDICATES PERMANENT); THE CODE LETTER INDICATING FITTING MATERIAL ["A" INDICATES CARBON STEEL, CADMIUM PLATED; "Z" INDICATES CARBON STEEL, ZINC PLATED; AND "B" INDICATES BRASS (OPTIONAL)]; AND A CODE NUMBER INDICATING LENGTH. EXAMPLE:

MS52103A080164B



- THREADS SHALL BE IN ACCORDANCE WITH SCREW THREAD STANDARDS FOR FEDERAL SERVICES HANDBOOK H28.
- FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.
- THIS STANDARD IS NOT INTENDED TO LIMIT CONSTRUCTION TO FEATURES OTHER THAN AS SHOWN HEREON BY DIMENSIONS, NOTATIONS, AND REFERENCED DOCUMENTS.
- REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID.
- MARKING SHALL CONSIST OF THE MS PART NUMBER, MANUFACTURER'S IDENTIFICATION, AND DATE OF ASSEMBLY IN ACCORDANCE WITH PROCUREMENT SPECIFICATION AND MIL-STD-190.

(D) DENOTES CHANGE

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 when applicable.

P.A. ARMY-AT Other Cost	TITLE <b>HOSE ASSEMBLY, NONMETALLIC: FUEL AND OIL, MEDIUM PRESSURE, FLARED TUBE</b>	<b>MILITARY STANDARD</b>
PROCUREMENT SPECIFICATION MIL-H-13444	SUPERSEDES:	<b>MS52103</b>
		SHEET 1 OF 1

APPROVED 2 MAY 1969 REVISED 16 JULY 1969 24 OCTOBER 1973 22 JULY 1974 6 JUN 84