

AS4478

FEDERAL SUPPLY CLASS

4720

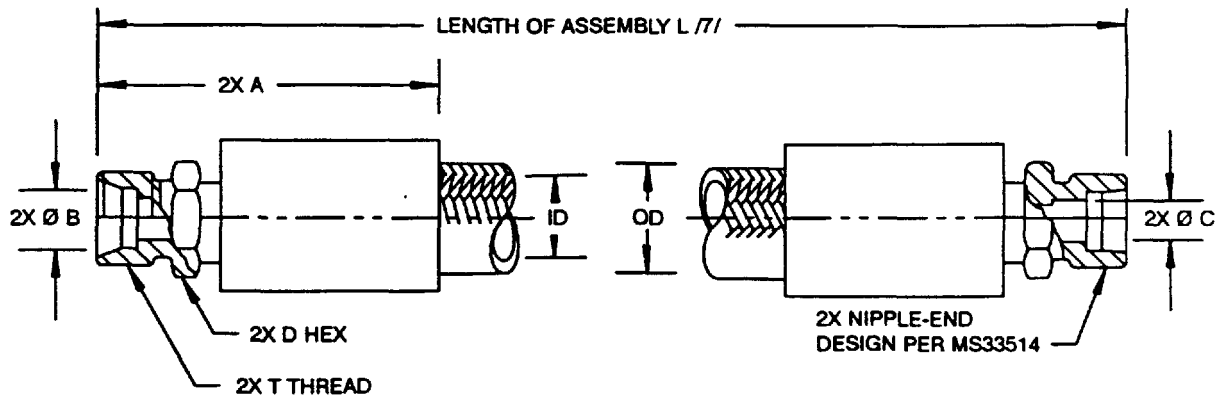


FIGURE 1 - HOSE ASSEMBLY

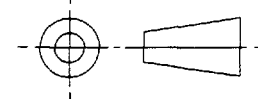
TABLE 1 - BASIC HOSE AND END FITTING DIMENSIONS

HOSE ASSEMBLY NO. AND SIZE CODE	HOSE SIZE (REF)	THREAD T PER MIL-S-8879 (REF)	A MAX	B GAGE	C MIN THRU	D-HEX ACROSS FLATS (REF)	ID MIN	OD MIN	OD MAX
AS4478-04	.250	.4375-20UNJF-3A	1.33	.2930	.174	.50	.230	.37	.48
AS4478-06	.375	.5625-18UNJF-3A	1.39	.4120	.297	.62	.355	.53	.59
AS4478-08	.500	.7500-16UNJF-3A	1.48	.5600	.419	.81	.475	.65	.73
AS4478-10	.625	.8750-14UNJF-3A	1.66	.6730	.544	.94	.600	.81	.85
AS4478-12	.750	1.0625-12UNJF-3A	1.72	.8100	.654	1.12	.725	.94	.98
AS4478-16	1.000	1.3125-12UNJF-3A	1.89	1.0620	.909	1.36	.975	1.19	1.23

TABLE 2 - LENGTH TOLERANCE

HOSE ASSEMBLY LENGTH	AVAILABLE INCREMENTS	TOLERANCE
UNDER 18	(NOT LESS THAN) .125	+.125/- .125
18 TO 36	(NOT LESS THAN) .250	+.250/- .250
36 TO 100	(NOT LESS THAN) .500	+.375/- .375
100 TO 500	(NOT LESS THAN) 1.000	+.5%/- .500
OVER 500	(NOT LESS THAN) 1.000	+1%/- .500

THIRD ANGLE PROJECTION



CUSTODIAN: SAE G-3/G-3D

PROCUREMENT SPECIFICATION: /6/ AS4468

SAE The Engineering Society
For Advancing Mobility
Land Sea Air and Space
INTERNATIONAL

400 Commonwealth Drive, Warrendale, PA 15096-0001

AEROSPACE STANDARD

HOSE ASSEMBLY, SILICONE LINED,
125 psi, FLARELESS, POTABLE WATER,
STRAIGHT MALE TO STRAIGHT MALE

AS4478

SHEET 1 OF 2

SAE Technical Standards Board Rules provide that: "This report is published by SAE to advance the state of technical and engineering sciences. The use of this report is entirely voluntary, and its applicability and suitability for any particular use, including any patent infringement arising therefrom, is the sole responsibility of the user."

SAE reviews each technical report at least every five years at which time it may be reaffirmed, revised, or cancelled. SAE invites your written comments and suggestions.