

AS4474

FEDERAL SUPPLY CLASS

4720

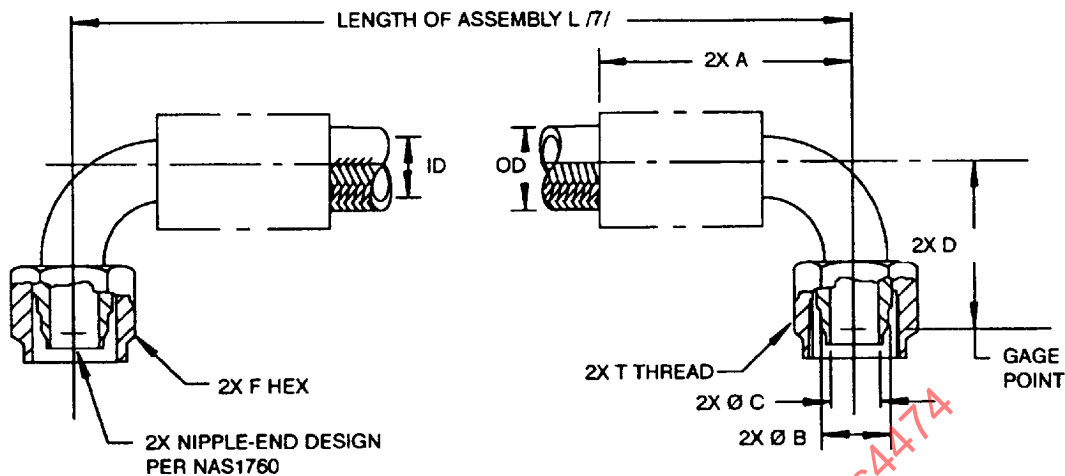


FIGURE 1 - HOSE ASSEMBLY

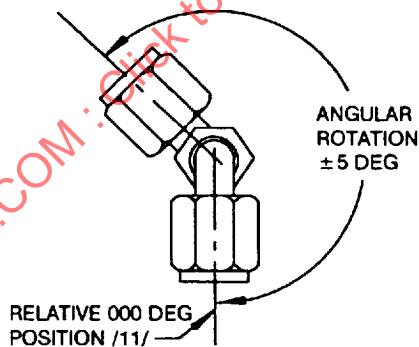
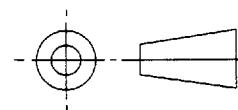


FIGURE 2 - CLOCKING ANGLE

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,
90° TO 90°

AS4474

SHEET 1 OF 3

Copyright 1992 by Society of Automotive Engineers, Inc.
All rights reserved.

Printed in the U.S.A.
90-1001B/EG

Distributed under license from the IHS Archive

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.

ISSUED 1992-05-08 REVISED

TABLE 1 - BASIC HOSE AND END FITTING DIMENSIONS

BASIC NO. AND SIZE CODE	HOSE SIZE (REF)	THREAD T PER MIL-S-8879 (REF)	A MAX	B GAGE	C MIN THRU	D MIN	D MAX	F HEX (REF)	ID MIN	OD MIN	OD MAX
AS4474E	.250	.4375-20UNJF-3B	1.24	.2930	.174	.66	.81	.56	.230	.37	.48
AS4474G	.375	.5625-18UNJF-3B	1.32	.4120	.297	.75	.85	.69	.355	.53	.59
AS4474H	.500	.7500-16UNJF-3B	1.44	.5600	.419	.99	1.11	.88	.475	.65	.73
AS4474J	.625	.8750-14UNJF-3B	1.58	.6730	.544	1.22	1.33	1.00	.600	.81	.85
AS4474K	.750	1.0625-12UNJ-3B	1.89	.8100	.654	1.38	1.57	1.25	.725	.94	.98
AS4474M	1.000	1.3125-12UNJ-3B	2.17	1.0620	.909	1.62	1.73	1.50	.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

TABLE 3 - HOSE ASSEMBLY WEIGHT INFORMATION

HOSE SIZE CODE	HOSE LB/IN MAX	END FITTING LB/EA, MAX	HOSE LENGTH CORRECTION FACTOR, INCH /8/
04	.006	.051	.59
06	.008	.081	.62
08	.008	.125	.75
10	.012	.187	.93
12	.014	.295	1.24
16	.019	.444	1.36