

AS4471

FEDERAL SUPPLY CLASS
4720

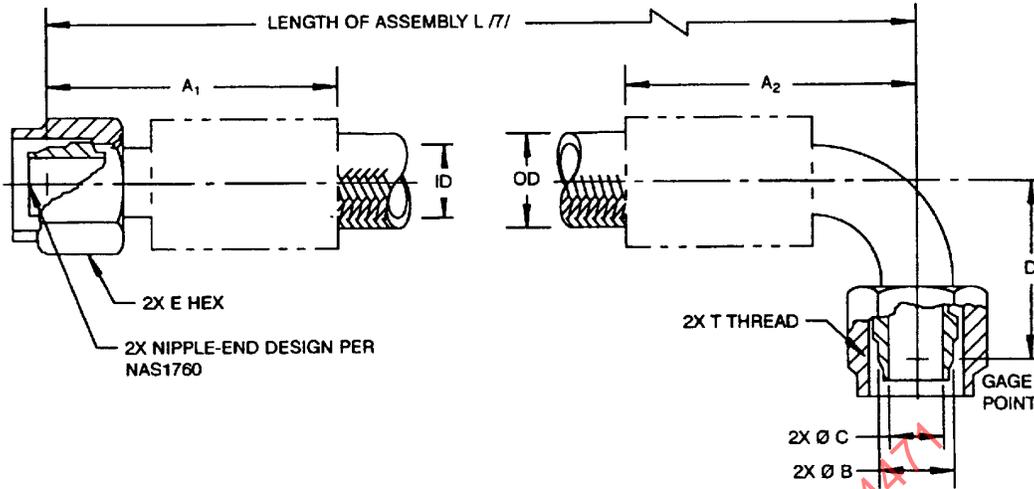
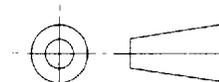


FIGURE 1 - HOSE ASSEMBLY

TABLE 1 - HOSE ASSEMBLY DIMENSIONS

BASIC NO. AND SIZE CODE	HOSE SIZE (REF)	THREAD T PER MIL-S-8879 (REF)	E HEX ACROSS FLATS (REF)	ID MIN	OD MIN	OD MAX
AS4471-04	.250	4375-20UNJF-3B	.56	.230	.37	.48
AS4471-06	.375	5625-18UNJF-3B	.69	.355	.53	.59
AS4471-08	.500	7500-16UNJF-3B	.88	.475	.65	.73
AS4471-10	.625	.8750-14UNJF-3B	1.00	.600	.81	.85
AS4471-12	.750	1.0625-12UNJ-3B	1.25	.725	.94	.98
AS4471-16	1.000	1.3125-12UNJ-3B	1.50	.975	1.19	1.23

THIRD ANGLE PROJECTION



ISSUED 1992-05-08 REVISED

CUSTODIAN: SAE G-3/G-3D

PROCUREMENT SPECIFICATION: /6/ AS4468

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

AEROSPACE STANDARD

AS4471

INTERNATIONAL
400 Commonwealth Drive Warrendale PA 15096-0001

HOSE ASSEMBLY, SILICONE LINED,
125 psi, FLARELESS, POTABLE WATER,
STRAIGHT TO 90°

SHEET 1 OF 3

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TABLE 2 - END FITTING DIMENSIONS

BASIC NO. AND SIZE CODE	A ₁ MAX	A ₂ MAX	B GAGE	C MIN THRU	D MIN	D MAX
AS4471-04	1.18	1.24	.2930	.174	.66	.81
AS4471-06	1.27	1.32	.4120	.297	.75	.85
AS4471-08	1.28	1.44	.5600	.419	.99	1.11
AS4471-10	1.38	1.58	.6730	.544	1.22	1.33
AS4471-12	1.38	1.89	.8100	.654	1.38	1.57
AS4471-16	1.57	2.17	1.0620	.909	1.62	1.73

TABLE 3 - 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 4 - HOSE ASSEMBLY WEIGHT INFORMATION

HOSE SIZE CODE	HOSE LB/IN MAX	END FITTING LB/EA MAX STRAIGHT	END FITTING LB/EA MAX 90°	HOSE LENGTH CORRECTION FACTOR INCH /8/ STRAIGHT	HOSE LENGTH CORRECTION FACTOR INCH /8/ 90°
04	.006	.052	.051	.53	.59
06	.008	.080	.081	.62	.62
08	.008	.125	.125	.63	.75
10	.012	.182	.187	.73	.93
12	.014	.281	.295	.72	1.24
16	.019	.420	.444	.76	1.36