

AS4470

FEDERAL SUPPLY CLASS
4720

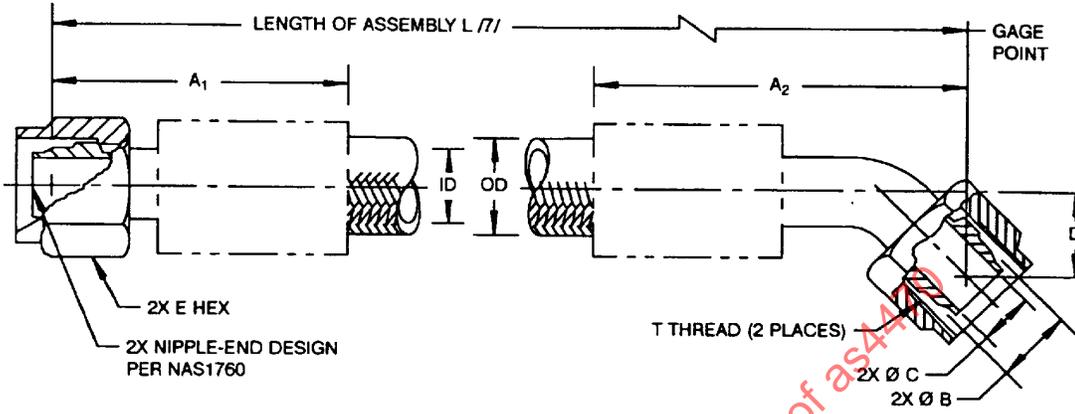
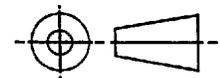


FIGURE 1 - HOSE ASSEMBLY

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
AS4470-04	.250	.4375-20UNJF-3B	.56	.230	.37	.48
AS4470-06	.375	.5625-18UNJF-3B	.69	.355	.53	.59
AS4470-08	.500	.7500-16UNJF-3B	.88	.475	.65	.73
AS4470-10	.625	.8750-14UNJF-3B	1.00	.600	.81	.85
AS4470-12	.750	1.0625-12UNJ-3B	1.25	.725	.94	.98
AS4470-16	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
INTERNATIONAL
400 Commonwealth Drive Warrendale, PA 15096-0001

AEROSPACE STANDARD

HOSE ASSEMBLY, SILICONE LINED,
125 psi, FLARELESS, POTABLE WATER,
STRAIGHT TO 45°

AS4470

SHEET 1 OF 3

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TABLE 2 - END FITTING DIMENSIONS

BASIC NO. AND SIZE CODE	A ¹	A ₂	B	C	D	D
	MAX	MAX	GAGE	MIN THRU	MIN	MAX
AS4470-04	1.18	1.44	.2930	.174	.35	.44
AS4470-06	1.27	1.56	.4120	.297	.43	.57
AS4470-08	1.28	1.64	.5600	.419	.50	.61
AS4470-10	1.38	1.83	.6730	.544	.59	.71
AS4470-12	1.38	2.05	.8100	.654	.62	.77
AS4470-16	1.57	2.42	1.0620	.909	.74	.83

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	END FITTING	HOSE LENGTH	HOSE LENGTH
		LB/EA MAX STRAIGHT	LB/EA MAX 45°	CORRECTION FACTOR INCH /8/ STRAIGHT	CORRECTION FACTOR INCH /8/ 45°
04	.006	.052	.048	.53	.79
06	.008	.080	.079	.62	.91
08	.008	.125	.122	.63	.99
10	.012	.182	.181	.73	1.18
12	.014	.281	.281	.72	1.39
16	.019	.420	.420	.76	1.60