

REV. A

AS4476

FEDERAL SUPPLY CLASS
4720

RATIONALE

THIS DOCUMENT HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE 5-YEAR REVIEW POLICY.

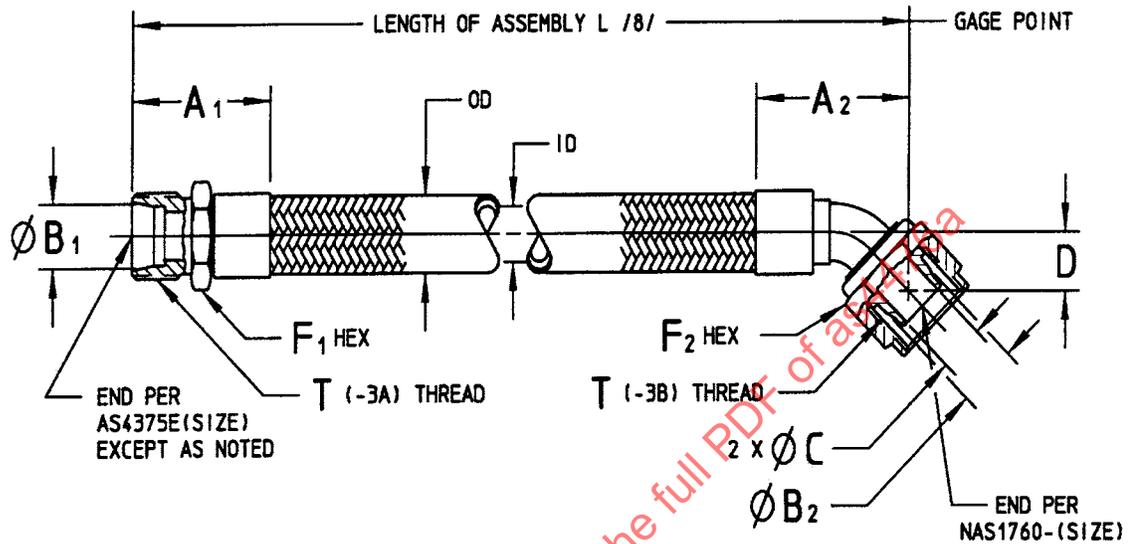
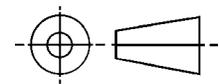


FIGURE 1 - HOSE ASSEMBLY

TABLE 1 - HOSE ASSEMBLY DIMENSIONS

BASIC NO. AND SIZE CODE	HOSE SIZE (REF)	THREAD T PER AS8879 (REF)	F ₁ HEX ACROSS FLATS (REF)	F ₂ HEX ACROSS FLATS (REF)	ID (REF)	OD MIN	OD MAX
AS4476-04	.250	.4375-20UNJF-3B/A	.50	.56	.250	.37	.48
AS4476-06	.375	.5625-18UNJF-3B/A	.62	.69	.375	.53	.59
AS4476-08	.500	.7500-16UNJF-3B/A	.81	.88	.500	.65	.73
AS4476-10	.625	.8750-14UNJF-3B/A	.94	1.00	.625	.81	.85
AS4476-12	.750	1.0625-12UNJ-3B/A	1.12	1.25	.750	.94	.98
AS4476-16	1.000	1.3125-12UNJ-3B/A	1.36	1.50	1.000	1.19	1.23

THIRD ANGLE PROJECTION



CUSTODIAN: SAE G-3/G-3D

PROCUREMENT SPECIFICATION: AS4468 /2/

SAE Aerospace
An SAE International Group

(R) **AEROSPACE STANDARD**
HOSE ASSEMBLY, LINED SILICONE,
125 PSI, FLARELESS, POTABLE WATER,
STRAIGHT MALE TO 45° FEMALE

AS4476
SHEET 1 OF 3

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ISSUED 1992-05 REVISED 2001-08 REAFFIRMED 2007-01

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TABLE 2 – END FITTING DIMENSIONS

BASIC NO. AND SIZE CODE	A ₁ MAX	A ₂ MAX	B ₂ GAGE	B ₁ GAGE	C MIN THRU	D MIN	D MAX
AS4476-04	1.33	1.44	.2930	.2930	.174	.35	.44
AS4476-06	1.39	1.56	.4120	.4160	.291	.43	.57
AS4476-08	1.48	1.64	.5600	.5600	.409	.50	.61
AS4476-10	1.66	1.83	.6730	.6860	.495	.59	.71
AS4476-12	1.87	2.19	.8100	.8100	.646	.62	.77
AS4476-16	1.89	2.42	1.0620	1.0620	.898	.74	.85

TABLE 3 – LENGTH TOLERANCE

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

TABLE 4 - HOSE ASSEMBLY WEIGHT INFORMATION

HOSE SIZE CODE	HOSE lb/in NOM (REF)	END FITTING		HOSE LENGTH	HOSE LENGTH
		lb/EA AS4375 NOM (REF)	lb/EA NAS1760 NOM (REF)	CORRECTION FACTOR in /9/ AS4375	CORRECTION FACTOR, in /9/ NAS1760
04	.0038	.028	.049	.68	.79
06	.0064	.043	.075	.74	.91
08	.0081	.075	.120	.83	.99
10	.0111	.102	.167	.96	1.18
12	.0137	.177	.281	1.02	1.39
16	.0182	.241	.399	1.07	1.60