

AS4475

FEDERAL SUPPLY CLASS

4720

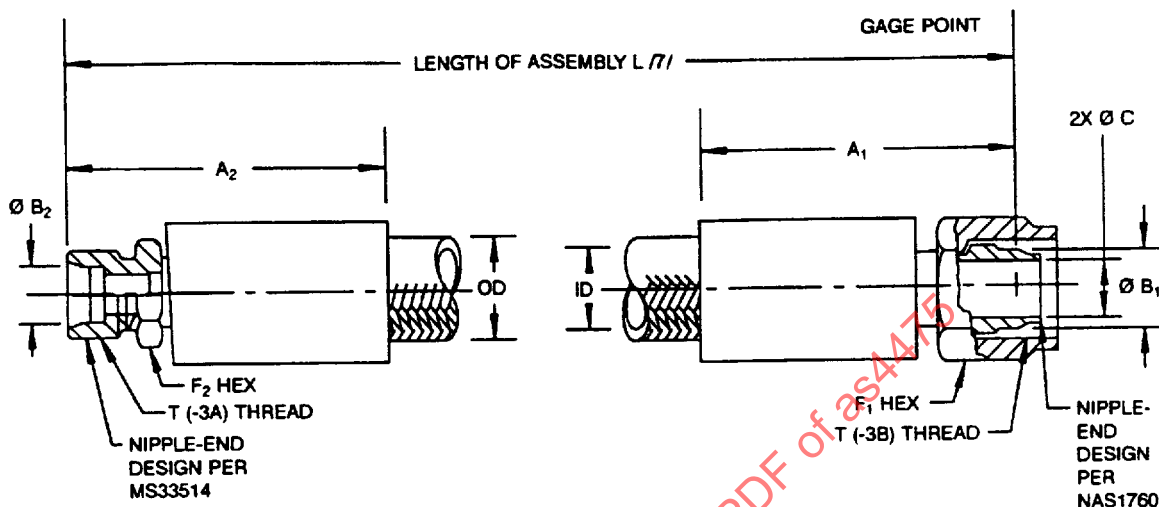
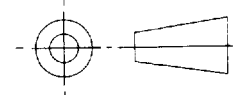


FIGURE 1 - HOSE ASSEMBLY

TABLE 1 - HOSE ASSEMBLY DIMENSIONS

BASIC NO. AND SIZE CODE	HOSE SIZE CODE	C MIN THRU	HEX F ₁ (REF)	HEX F ₂ (REF)	ID MIN	OD MIN	OD MAX
AS4475-04	.250	.174	.56	.50	.230	.37	.48
AS4475-06	.375	.297	.69	.62	.355	.53	.59
AS4475-08	.500	.419	.88	.81	.475	.65	.73
AS4475-10	.625	.544	1.00	.94	.600	.81	.85
AS4475-12	.750	.654	1.25	1.12	.725	.94	.98
AS4475-16	1.000	.909	1.50	1.36	.975	1.19	1.23

THIRD ANGLE PROJECTION



CUSTODIAN: SAE G-3/G-3D

PROCUREMENT SPECIFICATION: /6/ AS4468

SAE The Engineering Society
For Advancing Mobility
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INTERNATIONAL

400 Commonwealth Drive, Warrendale, PA 15096-0001

AEROSPACE STANDARD

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

AS4475

SHEET 1 OF 3

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ISSUED 1992-05-08 REVISED

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TABLE 2 - END FITTING DIMENSIONS

BASIC NO. AND SIZE CODE	THREAD T PER MIL-S-8879 (REF)	A ₁ MAX	A ₂ MAX	B ₁ GAGE	B ₂ GAGE
AS4475-04	.4375-20UNJF-3B/A	1.18	1.33	.2930	.2930
AS4475-06	.5625-18UNJF-3B/A	1.27	1.39	.4120	.4160
AS4475-08	.7500-16UNJF-3B/A	1.28	1.48	.5600	.5600
AS4475-10	.8750-14UNJF-3B/A	1.38	1.66	.6730	.6860
AS4475-12	1.0625-12UNJ-3B/A	1.38	1.72	.8100	.8100
AS4475-16	1.3125-12UNJ-3B/A	1.57	1.89	1.0620	1.0620

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 NAS1760 LB/EA MAX	END FITTING MS33514 LB/EA MAX	HOSE LENGTH CORRECTION FACTOR INCH /8/ NAS1760 (FEMALE)	HOSE LENGTH CORRECTION FACTOR INCH /8/ MS33514 (MALE)
04	.006	.052	.034	.53	.68
06	.008	.080	.048	.62	.74
08	.008	.125	.078	.63	.83
10	.012	.182	.118	.73	.96
12	.014	.281	.158	.72	1.02
16	.019	.420	.247	.76	1.07