

AS1475A

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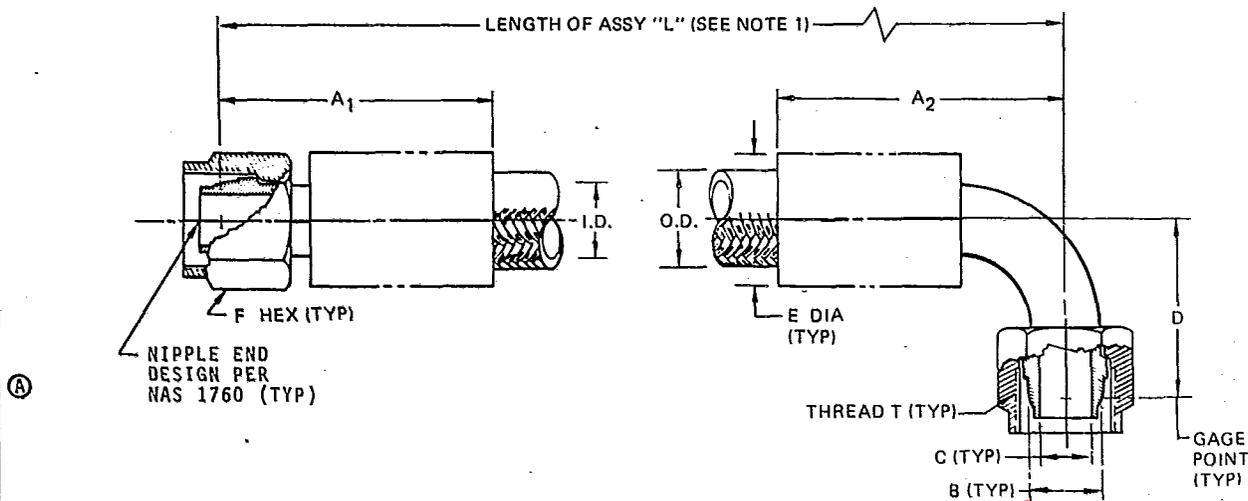


TABLE I
BASIC HOSE AND END FITTING DIMENSIONS

HOSE ASSEMBLY NO. AND SIZE CODE	HOSE ASSY. SIZE (REF)	THREAD T PER MIL-S-8879 (REF)	A ₁ MAX.	A ₂ MAX.	B GAGE DIA. BASIC	C MIN. DIA. THRU [1]	D		E MAX. [2]	F HEX ACROSS FLATS (REF)	HOSE I.D. MIN.	HOSE MIN.	O.D. MAX.
							MIN.	MAX.					
AS1475-04	1/4	.4375-20 UNJF-3B	1.42	1.52	.2930	.174	.62	.70	.67	.56	.235	.35	.39
AS1475-06	3/8	.5625-18 UNJF-3B	1.52	1.85	.4120	.291	.82	.90	.82	.69	.360	.54	.57
AS1475-08	1/2	.7500-16 UNJF-3B	1.87	2.16	.5600	.409	.96	1.04	1.03	.88	.485	.68	.73
AS1475-10	5/8	.8750-14 UNJF-3B	1.95	2.45	.6730	.495	1.18	1.26	1.18	1.00	.610	.81	.86
AS1475-12	3/4	1.0625-12 UNJ-3B	1.99	2.74	.8100	.646	1.31	1.39	1.47	1.25	.735	.93	.98
AS1475-16	1	1.3125-12 UNJ-3B	2.30	3.30	1.0620	.898	1.67	1.75	1.75	1.50	.985	1.20	1.24

TABLE II
LENGTH INCREMENTS AND TOLERANCE

HOSE ASSEMBLY LENGTH	AVAILABLE INCREMENTS	TOLERANCE
UNDER 18 INCHES	(NOT LESS THAN) .125 INCH	(PLUS OR MINUS) .125 INCH
18 TO 36 INCHES	(NOT LESS THAN) .250 INCH	(PLUS OR MINUS) .250 INCH
36 TO 100 INCHES	(NOT LESS THAN) .250 INCH	(PLUS OR MINUS) .375 INCH
100 TO 500 INCHES	(NOT LESS THAN) .500 INCH	(PLUS OR MINUS) 1/2 PERCENT
OVER 500 INCHES	(NOT LESS THAN) 1.000 INCH	(PLUS OR MINUS) 1 PERCENT

TABLE III
HOSE ASSEMBLY WEIGHT INFORMATION

HOSE SIZE (REF)	HOSE LBS/INCH	MAXIMUM WEIGHTS						HOSE LENGTH CORRECTION FACTOR INCH [3]	
		STANDARD END FITTING (LBS) EACH							
		STRAIGHT			90°				
		CODE "D"	CODE "S"	CODE "J"	CODE "D"	CODE "S"	CODE "J"	ST	90°
04	.004	.027		.051	.027		.049	.49	.51
06	.008	.041		.077	.048		.081	.58	.58
08	.011	.068		.123	.079		.125	.59	.70
10	.014	.105		.182	.122		.187	.69	.88
12	.018	.130		.251	.183		.295	.69	1.19
16	.024	.201		.372	.284		.444	.73	1.32

PREPARED BY SAE COMMITTEE G-3, AEROSPACE FITTINGS, HOSE AND TUBING ASSEMBLIES

SAE The Engineering Resource For Advancing Mobility

AEROSPACE STANDARD

HOSE ASSEMBLY, FLEXIBLE, LOW PRESSURE, FLARELESS, POTABLE WATER STRAIGHT TO 90°

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