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REV. A
AS1487™

FEDERAL SUPPLY CLASS

RATIONALE

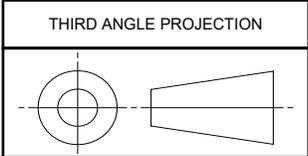
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CUSTODIAN: G-3		PROCUREMENT SPECIFICATION:	
	AEROSPACE STANDARD		AS1487™
	HOSE ASSEMBLY, SEMI-RIGID, LOW PRESSURE, FLARELESS, POTABLE WATER, 45° TO 90°		

ISSUED 1979-04 REAFFIRMED 2013-01 STABILIZED 2024-03

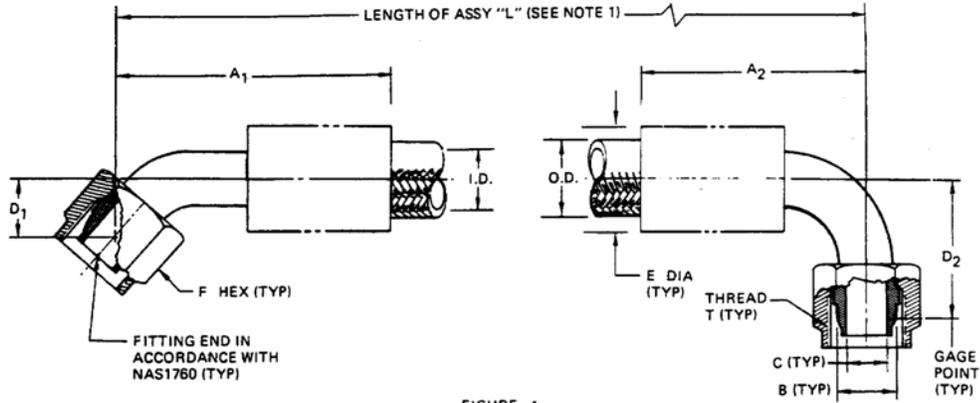


FIGURE 1

TABLE I

HOSE ASSEMBLY NO. AND SIZE CODE	HOSE ASSY. SIZE (REF)	THREAD T PER MIL-6-8879 (REF)	A ₁ MAX	A ₂ MAX	B GAGE DIA BASIC	C MIN DIA THRU 	D ₁		D ₂		E MAX	F HEX (REF)	HOSE I.D. MIN.	HOSE O.D.	
							MIN	MAX	MIN	MAX				MIN.	MAX.
AS1487E	1/4	.4375-20 UNJF-38	1.80	1.52	.2930	.174	.33	.39	.62	.70	.67	.56	.199	.34	.37
AS1487G	3/8	.5625-18 UNJF-38	2.16	1.85	.4120	.291	.42	.48	.82	.90	.82	.88	.310	.47	.50
AS1487H	1/2	.7500-16 UNJF-38	2.51	2.16	.5600	.409	.47	.53	.96	1.04	1.03	.88	.396	.59	.62
AS1487J	5/8	.8750-14 UNJF-38	2.84	2.45	.6730	.495	.57	.63	1.18	1.26	1.18	1.00	.810	.79	.82
AS1487K	3/4	1.0625-12 UNJ-38	3.17	2.74	.8100	.646	.62	.67	1.31	1.39	1.47	1.25	.736	.91	.94
AS1487M	1	1.3125-12 UNJ-38	3.80	3.30	1.0620	.898	.76	.82	1.67	1.75	1.75	1.60	.985	1.16	1.19

TABLE II

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 50 INCHES	(NOT LESS THAN) .500 INCH	(PLUS OR MINUS) .500 INCH
OVER 50 INCHES	(NOT LESS THAN) 1.000 INCH	(PLUS OR MINUS) 1 PER CENT

TABLE III

HOSE SIZE (REF)	MAXIMUM WEIGHTS		
	HOSE LBS/INCH	STANDARD END FITTING (LBS) EACH	
		45°	90°
04	.003		
06	.005		
08	.008		
10	.010		
12	.014		
16	.018		

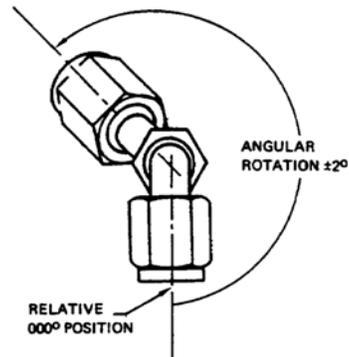


FIGURE II





AEROSPACE STANDARD

HOSE ASSEMBLY, SEMI-RIGID,
LOW PRESSURE, FLARELESS,
POTABLE WATER, 45° TO 90°

AS1487™
SHEET 1 OF 2

REV.
A