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REV. A
AS1486™

FEDERAL SUPPLY CLASS

RATIONALE

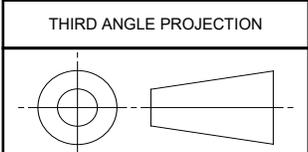
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CUSTODIAN: G-3		PROCUREMENT SPECIFICATION:	
	AEROSPACE STANDARD		AS1486™
	HOSE ASSEMBLY, SEMI-RIGID, LOW PRESSURE, FLARELESS, POTABLE WATER, 45° TO 45°		

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

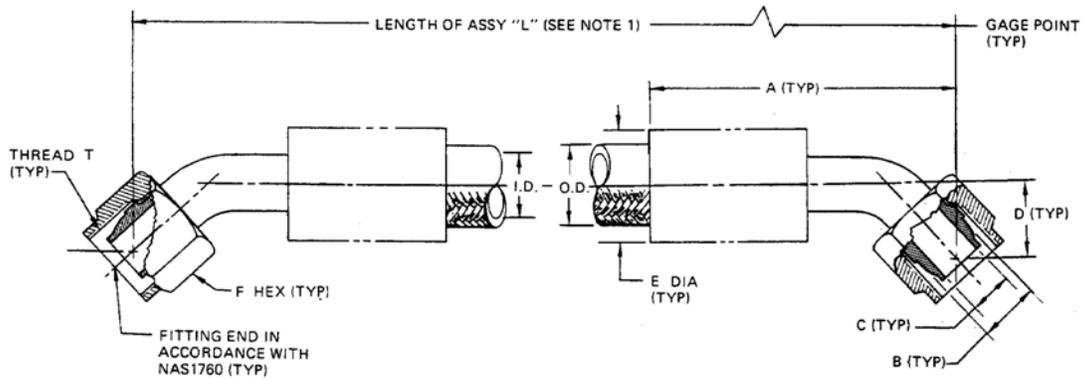


FIGURE 1

TABLE I

HOSE ASSEMBLY NO. AND SIZE CODE	HOSE ASSY. SIZE (REF)	THREAD T PER MIL-S-8879 (REF)	A MAX	B GAGE DIA BASIC	C MIN DIA THRU $\begin{matrix} \square \\ 4 \end{matrix}$	D		E MAX	F HEX ACROSS FLATS (REF)	HOSE I.D. MIN.	HOSE O.D.	
						MIN	MAX				MIN.	MAX.
AS1486E	1/4	.4375-20 UNJF-3B	1.80	.2930	.174	.33	.39	.67	.56	.199	.34	.37
AS1486G	3/8	.5625-18 UNJF-3B	2.16	.4120	.291	.42	.48	.82	.69	.310	.47	.50
AS1486H	1/2	.7500-16 UNJF-3B	2.51	.5600	.409	.47	.53	1.03	.88	.396	.59	.62
AS1486J	5/8	.8750-14 UNJF-3B	2.84	.6730	.495	.57	.63	1.18	1.00	.610	.79	.82
AS1486K	3/4	1.0625-12 UNJ-3B	3.17	.8100	.646	.62	.67	1.47	1.25	.735	.91	.94
AS1486M	1	1.3125-12 UNJ-3B	3.80	1.0620	.898	.76	.82	1.75	1.50	.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
04	.003	
06	.005	
08	.008	
10	.010	
12	.014	
16	.018	

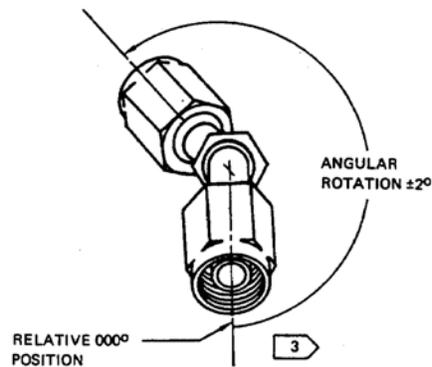


FIGURE II



AEROSPACE STANDARD

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

AS1486™
SHEET 1 OF 2

REV. A