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REV.
B

AS1478

FEDERAL SUPPLY CLASS

RATIONALE

AS1478B HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

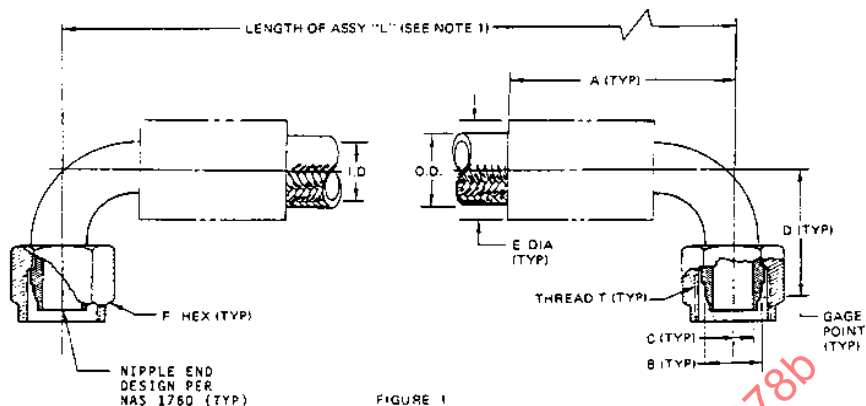


FIGURE 1

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 MAX.	B GAGE DIA. BASIC	C MIN. DIA. THRU 2	D		E MAX. 3	F HEX ACROSS FLATS (REF)	HOSE I.D. MIN.	HOSE O.D.	
						MIN.	MAX.				MIN.	MAX.
AS1478E	1/4	.4375-20 UNJF-38	1.52	.2930	.174	.62	.70	.67	.56	.235	.35	.39
AS1478G	3/8	.5625-18 UNJF-38	1.85	.4120	.291	.82	.90	.82	.69	.360	.54	.57
AS1478H	1/2	.7500-16 UNJF-38	2.16	.5600	.409	.96	1.04	1.03	.88	.485	.68	.73
AS1478J	5/8	.8750-14 UNJF-38	2.45	.6730	.495	1.18	1.26	1.18	1.00	.610	.81	.86
AS1478K	3/4	1.0625-12 UNJ-38	2.74	.8100	.646	1.31	1.39	1.47	1.25	.735	.93	.98
AS1478M	1	1.3125-12 UNJ-38	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 ASSEMBLY WEIGHT INFORMATION					
HOSE SIZE (REF)	MAXIMUM WEIGHTS			HOSE LENGTH CORRECTION FACTOR INCH	
	HOSE LBS/INCH	STANDARD END FITTING (LBS) EACH			
		CODE "D"	CODE "S"		CODE "J"
04	.004	.027		.049	.51
06	.008	.048		.081	.58
08	.011	.079		.125	.70
10	.014	.122		.187	.88
12	.018	.183		.295	1.19
16	.024	.284		.444	1.32

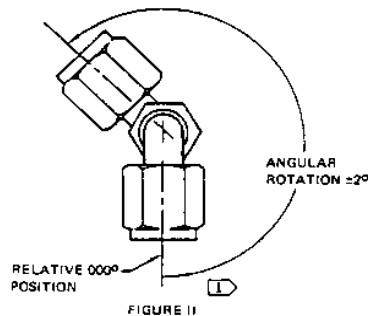
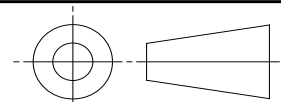


FIGURE II

SAE values your input. To provide feedback on this Technical Report, please visit <http://www.sae.org/technical/standards/AS1478B>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3



AEROSPACE STANDARD

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

AS1478
SHEET 1 OF 2

REV.
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